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# A.1.- CONSOLA DE GESTIÓN

## A.1.1.- Form1

### A.1.1.1.-Form1.cs

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
using System.Runtime.Serialization;
using System.Runtime.Serialization.Formatters.Binary;
using System.Runtime.Serialization.Formatters.Soap;
using System.Runtime.InteropServices;
using System.Threading;
using System.IO.Ports;
using System.Collections;

using Org.LLRP.LTK.LLRPV1;
using Org.LLRP.LTK.LLRPV1.DataType;
using Org.LLRP.LTK.LLRPV1.Impinj;

namespace Aplicacion_CATEC
{

    public partial class Form1 : Form
    {

        public static string numero_concepto_detalle;
        public static string info_imprime_etiqueta;
        public static string codigo_catec;

        UInt32 tiempo_barrido;
        string bloque1 = "AAAA";
        string bloque2 = "FFFF";
        string bloque3 = "XXXXXXXXXXXXXXXXXX";
        int indiceTest = 0;

        string entsal = "incompleto";
        int cont_ant; //contadores auxiliares para el registro de usuario
        int cont_ant2;

        //Crear un cliente nuevo LLRP.
        LLRPClient reader = new LLRPClient();

        //Recoger todos los mensajes(avisos) de error
        MSG_ERROR_MESSAGE msg_err;

        public Form1()
        {
            InitializeComponent();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            //Boton para conectar con el lector (Pestaña Inicializacion)

            Console.Beep();

            if (button3.Text == "Ejecutar")
            {
                ENUM_ConnectionAttemptStatusType status;
                bool ret = reader.Open(comboBox7.Text, 5000, out status);
            }
        }
    }
}
```

```

        if (!ret || status != ENUM_ConnectionAttemptStatusType.Success) return;

        //subscribe to reader event notification and ro access report
        reader.OnReaderEventNotification += new
delegateReaderEventNotification(reader_OnReaderEventNotification);
        reader.OnRoAccessReportReceived += new
delegateRoAccessReport(reader_OnRoAccessReportReceived);

        button3.Text = "Apagar";

        Delete_Rospec(); //Borramos las configuraciones que tenia el lector
        Set_Reader_Config(); //Configuramos las opciones del lector
    }

    else
    {
        reader.Close();

        button3.Text = "Ejecutar";
    }
}

private void button1_Click(object sender, EventArgs e)
{ //Boton para la lectura de etiquetas

    Console.Beep();
    button9.Enabled = true;
    leer.Enabled = false;

    if (comboBox5.Text.ToString() == "Leer etiquetas" ||
comboBox5.Text.ToString() == "Control de accesos")
    {
        comboBox5.Enabled = false;
        if (comboBox5.Text.ToString() == "Leer etiquetas")
        {
            //Realiza una lectura en un instante de tiempo (durante el tiempo
seleccionado) y capta todos las etiquetas que encuentra
            if (numericUpDown2.Value > 0)
            {
                numericUpDown2.Enabled = false;
                label5.Enabled = false;

                Timer_modos_leer.Interval = Convert.ToInt32(numericUpDown2.Value)
* 1000;

                Timer_modos_leer.Enabled = true;

                //Configuracion del lector
                Add_Rospec();
                // Habilitar Rospec (Read_Operation_Spec)
                Enable_Rospec();
                //Comenzar Rospec
                Start_Rospec();
            }
            else
            {
                MessageBox.Show("Seleccione el tiempo de barrido");
                leer.Enabled = true;
                comboBox5.Enabled = true;
            }
        }

        else if (comboBox5.Text.ToString() == "Control de accesos")
        {
            numericUpDown2.Enabled = false;

            Add_Rospec();
            Enable_Rospec();
            Start_Rospec();

            tim_registro.Enabled = true; //Temporizador utilizado actualizacion
del registro de usuario de equipos
        }
    }
}

```

```

else
{
    MessageBox.Show("Seleccione un modo de funcionamiento");
    leer.Enabled = true;
}
}

private void Delete_Rospec()
{
    MSG_DELETE_ROSPEC msg = new MSG_DELETE_ROSPEC();
    msg.ROSpecID = 0;

    MSG_DELETE_ROSPEC_RESPONSE rsp = reader.DELETE_ROSPEC(msg, out msg_err,
12000);
}

private void Add_RoSpec()
{
    MSG_ADD_ROSPEC msg = new MSG_ADD_ROSPEC();
    msg.ROSpec = new PARAM_ROSpec();
    msg.ROSpec.CurrentState = ENUM_ROSpecState.Disabled;
    msg.ROSpec.Priority = 0x00;
    msg.ROSpec.ROSpecID = 123;

    msg.ROSpec.ROBoundarySpec = new PARAM_ROBoundarySpec();
    msg.ROSpec.ROBoundarySpec.ROSpecStartTrigger = new
PARAM_ROSpecStartTrigger();
    msg.ROSpec.ROBoundarySpec.ROSpecStartTrigger.ROSpecStartTriggerType =
ENUM_ROSpecStartTriggerType.Immediate;
    msg.ROSpec.ROBoundarySpec.ROSpecStopTrigger = new PARAM_ROSpecStopTrigger();
    msg.ROSpec.ROBoundarySpec.ROSpecStopTrigger.ROSpecStopTriggerType =
ENUM_ROSpecStopTriggerType.Null;

    msg.ROSpec.ROReportSpec = new PARAM_ROReportSpec();
    msg.ROSpec.ROReportSpec.ROReportTrigger =
ENUM_ROReportTriggerType.Upon_N_Tags_Or_End_OF_ROSpec;
    msg.ROSpec.ROReportSpec.N = 1;

    msg.ROSpec.ROReportSpec.TagReportContentSelector = new
PARAM_TagReportContentSelector();
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableAccessSpecID = true;
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableAntennaID = true;
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableChannelIndex = true;
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableFirstSeenTimestamp =
true;

    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableInventoryParameterSpecID = true;
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableLastSeenTimestamp =
true;

    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnablePeakRSSI = true;
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableROSpecID = true;
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableSpecIndex = true;
    msg.ROSpec.ROReportSpec.TagReportContentSelector.EnableTagSeenCount = true;
    msg.ROSpec.SpecParameter = new UNION_SpecParameter();

    PARAM_AISpec aiSpec = new PARAM_AISpec();
    aiSpec.AntennaIDs = new UInt16Array();
    aiSpec.AntennaIDs.Add(1);
    aiSpec.AntennaIDs.Add(2);
    aiSpec.AISpecStopTrigger = new PARAM_AISpecStopTrigger();
    aiSpec.AISpecStopTrigger.AISpecStopTriggerType =
ENUM_AISpecStopTriggerType.Null;
    aiSpec.InventoryParameterSpec = new PARAM_InventoryParameterSpec[1];
    aiSpec.InventoryParameterSpec[0] = new PARAM_InventoryParameterSpec();
    aiSpec.InventoryParameterSpec[0].InventoryParameterSpecID = 1234;
    aiSpec.InventoryParameterSpec[0].ProtocolID =
ENUM_AirProtocols.EPCGlobalClass1Gen2;

    msg.ROSpec.SpecParameter.Add(aiSpec);
    MSG_ADD_ROSPEC_RESPONSE rsp = reader.ADD_ROSPEC(msg, out msg_err, 12000);
}
}

```

```

private void Set_Reader_Config()
{
    MSG_SET_READER_CONFIG msg = new MSG_SET_READER_CONFIG();

    msg.AntennaConfiguration = new PARAM_AntennaConfiguration[1];
    msg.AntennaConfiguration[0] = new PARAM_AntennaConfiguration();
    msg.AntennaConfiguration[0].AirProtocolInventoryCommandSettings = new
UNION_AirProtocolInventoryCommandSettings();
    msg.AntennaConfiguration[0].RFReceiver = new PARAM_RFReceiver();
    msg.AntennaConfiguration[0].RFReceiver.ReceiverSensitivity = 12;
    msg.AntennaConfiguration[0].RFTransmitter = new PARAM_RFTransmitter();
    msg.AntennaConfiguration[0].RFTransmitter.ChannelIndex = 1;
    msg.AntennaConfiguration[0].RFTransmitter.HopTableID = 1;
    msg.AntennaConfiguration[0].RFTransmitter.TransmitPower = 61;
}

private void Enable_RoSpec()
{
    MSG_ENABLE_ROSPEC msg = new MSG_ENABLE_ROSPEC();
    msg.ROSpecID = 123;
    MSG_ENABLE_ROSPEC_RESPONSE rsp = reader.ENABLE_ROSPEC(msg, out msg_err,
12000);
}

private void Start_RoSpec()
{
    MSG_START_ROSPEC msg = new MSG_START_ROSPEC();
    msg.ROSpecID = 123;
    MSG_START_ROSPEC_RESPONSE rsp = reader.START_ROSPEC(msg, out msg_err,
12000);
}

void reader_OnReaderEventNotification(MSG_READER_EVENT_NOTIFICATION msg)
{
    delegateReaderEventNotification del = new
delegateReaderEventNotification(UpdateReaderEvent);
    this.Invoke(del, msg);
}

void reader_OnRoAccessReportReceived(MSG_RO_ACCESS_REPORT msg)
{
    delegateRoAccessReport del = new delegateRoAccessReport(UpdateROReport);
    this.Invoke(del, msg);
}
private void UpdateReaderEvent(MSG_READER_EVENT_NOTIFICATION msg)
{
}
private void UpdateROReport(MSG_RO_ACCESS_REPORT msg)
{
    if (msg.TagReportData == null || msg.TagReportData.Length < 1) return; //Si
el lector no devuelve ninguna lectura (no ha detectado ningun tag)

    for (int i = 0; i < msg.TagReportData.Length; i++) //Si hay lectura
    {
        if (msg.TagReportData[i].EPCParameter.Count > 0)
        {
            string epc;
            // Seleccionamos el tipo correcto de tag
            if (msg.TagReportData[i].EPCParameter[0].GetType() ==
typeof(PARAM_EPC_96))
            {
                epc =
((PARAM_EPC_96)(msg.TagReportData[i].EPCParameter[0])).EPC.ToHexString();
            }
            else
            {
                epc =
((PARAM_EPCData)(msg.TagReportData[i].EPCParameter[0])).EPC.ToHexString();
            }

            if (!dataGridView2.Columns.Contains(epc))

```

```

    {
        //Miro si ya ha leído ese epc anteriormente
        //Se actualiza el volcado de la lectura del mismo epc
        if (comboBox5.SelectedItem.ToString() == "Control de accesos")
        {
            //Dependiendo del tipo de lectura seleccionada haremos unas
tarefas u otras
            for (int h = dataGridView2.Rows.Count; h > 0; h--)
            {
                DateTime hora_ultima =
Convert.ToDateTime(dataGridView2.Rows[(dataGridView2.Rows.Count - h)].Cells[3].Value);
                if (epc == dataGridView2.Rows[(dataGridView2.Rows.Count
- h)].Cells[0].Value.ToString()) // el mismo epc
                {
                    if ((DateTime.Now - hora_ultima).TotalSeconds < 5)
// Es el mismo epc, leído a la misma "hora"
                    {
                        if
((dataGridView2.Rows[(dataGridView2.Rows.Count - h)].Cells[6].Value.ToString() == "1")
&& (msg.TagReportData[i].AntennaID.AntennaID == 2)) //Si el tag ya había sido leído por
la antena 1 y ahora es leído por la antena 2; salida
                        {
                            dataGridView2.Rows.Remove(dataGridView2.Rows[(dataGridView2.Rows.Count - h)]);
                            entsal = "salida";
                            Console.Beep(); //Beep de confirmacion
                            h = 0;
                        }

                        else if
((dataGridView2.Rows[(dataGridView2.Rows.Count - h)].Cells[6].Value.ToString() == "2")
&& (msg.TagReportData[i].AntennaID.AntennaID == 1)) // Si el tag ya había sido leído por
la antena 2 y ahora es leído por la antena 1; entrada
                        {
                            dataGridView2.Rows.Remove(dataGridView2.Rows[(dataGridView2.Rows.Count - h)]);
                            entsal = "entrada";
                            Console.Beep(); //Beep de confirmacion
                            h = 0;
                        }

                        else if
((dataGridView2.Rows[(dataGridView2.Rows.Count - h)].Cells[4].Value.ToString() ==
"entrada" || dataGridView2.Rows[(dataGridView2.Rows.Count -
h)].Cells[4].Value.ToString() == "salida") &&
msg.TagReportData[i].AntennaID.AntennaID.ToString() ==
dataGridView2.Rows[(dataGridView2.Rows.Count - h)].Cells[6].Value.ToString()) //Si sigue
siendo entrada o salida (ya registro completo)
                        {
                            entsal =
dataGridView2.Rows[(dataGridView2.Rows.Count - h)].Cells[4].Value.ToString();
                            dataGridView2.Rows.Remove(dataGridView2.Rows[(dataGridView2.Rows.Count - h)]);
                        }

                        else //El registro sigue siendo incompleto
                            dataGridView2.Rows.Remove(dataGridView2.Rows[(dataGridView2.Rows.Count - h)]);
                    }
                    else // Es el mismo epc, pero leído a otra hora
                        entsal = "incompleto";
                }
            }

            switch (entsal) //Para rellenar el datagridview y para
colorear e indicar si entra, sale, o es incompleto el registro
            {
                case "incompleto":
                    this.dataGridView2.Rows.Add(epc,
this.db_CATEC_cortoTableAdapter.concepto_por_ID(epc),
DateTime.Now.ToString("dd/MM/yyyy"), DateTime.Now.ToString("HH:mm:ss"), entsal, 100 +
msg.TagReportData[i].PeakRSSI.PeakRSSI, msg.TagReportData[i].AntennaID.AntennaID,
this.db_CATEC_cortoTableAdapter.tipo_por_ID(epc)); //Se rellena con; el ID (epc), el
concepto de ese ID, el día que fue leído, hora, si el registro es entrada o salida, la
intensidad de señal con la que se lee, antena con la que se lee, tipo del elemento leído

```



```

        dataGridView2.Rows[dataGridView2.Rows.Count -
1].DefaultCellStyle.BackColor = Color.Gray;
        dataGridView2.FirstDisplayedScrollingRowIndex =
(dataGridView2.Rows.Count) - 1;
        break;

        case "entrada":
            this.dataGridView2.Rows.Add(epc,
this.db_CATEC_cortoTableAdapter.concepto_por_ID(epc),
DateTime.Now.ToString("dd/MM/yyyy"), DateTime.Now.ToString("HH:mm:ss"), entsal, 100 +
msg.TagReportData[i].PeakRSSI.PeakRSSI, msg.TagReportData[i].AntennaID.AntennaID,
this.db_CATEC_cortoTableAdapter.tipo_por_ID(epc));
            dataGridView2.Rows[dataGridView2.Rows.Count -
1].DefaultCellStyle.BackColor = Color.Green;
            entsal = "incompleto";
            dataGridView2.FirstDisplayedScrollingRowIndex =
(dataGridView2.Rows.Count) - 1;
            break;

            case "salida":
                this.dataGridView2.Rows.Add(epc,
this.db_CATEC_cortoTableAdapter.concepto_por_ID(epc),
DateTime.Now.ToString("dd/MM/yyyy"), DateTime.Now.ToString("HH:mm:ss"), entsal, 100 +
msg.TagReportData[i].PeakRSSI.PeakRSSI, msg.TagReportData[i].AntennaID.AntennaID,
this.db_CATEC_cortoTableAdapter.tipo_por_ID(epc));
                dataGridView2.Rows[dataGridView2.Rows.Count -
1].DefaultCellStyle.BackColor = Color.Red;
                dataGridView2.FirstDisplayedScrollingRowIndex =
(dataGridView2.Rows.Count) - 1;
                entsal = "incompleto";
                break;

                default:
                    entsal = "incompleto";
                    break;
            }

            label2.Text = "Nº Etiquetas : " +
this.dataGridView2.Rows.Count.ToString();
        }
        else //modo inventario ("leer_etiquetas")
        {
            for (int h = 0; h < dataGridView2.Rows.Count; h++)
            {
                if (dataGridView2.Rows[h].Cells[0].Value.ToString() ==
epc)
                {
                    dataGridView2.Rows.Remove(dataGridView2.Rows[h]);
                }
            }
            this.dataGridView2.Rows.Add(epc,
this.db_CATEC_cortoTableAdapter.concepto_por_ID(epc),
DateTime.Now.ToString("dd/MM/yyyy"), DateTime.Now.ToString("HH:mm:ss"), "", 100 +
msg.TagReportData[i].PeakRSSI.PeakRSSI); //Se rellena la tabla con: ID (epc), el
concepto de ese ID, la fecha y hora a la que fue leído, la intensidad de señal con la que
se lee
            dataGridView2.FirstDisplayedScrollingRowIndex =
(dataGridView2.Rows.Count) - 1;
            //Console.Beep(); //Hace un ruido cada lectura nueva
            label2.Text = "Nº Etiquetas : " +
this.dataGridView2.Rows.Count.ToString();
        }
    }
}

private void button4_Click(object sender, EventArgs e)
{
    //Para borrar el registro de las lecturas
    this.dataGridView2.Rows.Clear();
    label2.Text = "Nº Etiquetas : ";
}

```

```

private void Form1_Load(object sender, EventArgs e)
{
    // TODO: esta línea de código carga datos en la tabla
    'pfc_dbDataSet.Registro_uso'
    this.registro_usoTableAdapter.Fill(this.pfc_dbDataSet.Registro_uso);
    // TODO: esta línea de código carga datos en la tabla
    'pfc_dbDataSet.db_CATEC_corto'
    this.db_CATEC_cortoTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC_corto);
}

private void dataGridView2_CellClick(object sender, DataGridViewCellEventArgs e)
{ //Al seleccionar del registro de lectura uno de los registros
    int indice;
    indice = this.dataGridView2.CurrentRow.Index;
    this.db_CATEC2TableAdapter.Rellenar_ID(this.pfc_dbDataSet.db_CATEC2,
dataGridView2.Rows[indice].Cells[0].Value.ToString());
}

private void linkLabel1_LinkClicked(object sender, LinkLabelLinkClickedEventArgs
e)
{ //Para ver mas detalles de los equipos leidos una vez efectuada la lectura
y seleccionados en el datagridview

    if (dataGridView2.SelectedRows.Count == 0)
    {
    }
    else
    {
        Detalles_Form formulario_detalle = new Detalles_Form();

        numero_concepto_detalle =
this.dataGridView2.Rows[dataGridView2.CurrentRow.Index].Cells[0].Value.ToString();

        formulario_detalle.ShowDialog();
    }
}

private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
{ //Para visualizar el inventario y poderlo ordenar ya sea por; Por
departamento, por tipo, por localizacion, todo el inventario (Pestaña gestion de
inventario)

    if (this.comboBox1.SelectedItem.ToString() == "Por Departamento")
    {
        this.comboBox3.Enabled = false;
        this.comboBox3.Text = "";
        this.comboBox4.Enabled = false;
        this.comboBox4.Text = "";
        this.comboBox2.Enabled = true;
        this.departamentosTableAdapter.Fill(this.pfc_dbDataSet.Departamentos);
        this.comboBox2.Text = "Seleccione un Departamento";
        this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);
    }

    else if (this.comboBox1.SelectedItem.ToString() == "Por Tipo")
    {
        this.comboBox2.Enabled = false;
        this.comboBox2.Text = "";
        this.comboBox4.Enabled = false;
        this.comboBox4.Text = "";
        this.comboBox3.Enabled = true;
        this.tipoTableAdapter.Fill(this.pfc_dbDataSet.Tipo);
        this.comboBox3.Text = "Seleccione un Tipo";
        this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);
    }

    else if (this.comboBox1.SelectedItem.ToString() == "Por Localizacion")
    {
        this.comboBox2.Enabled = false;
        this.comboBox2.Text = "";
        this.comboBox3.Enabled = false;
        this.comboBox3.Text = "";
        this.comboBox4.Enabled = true;
}

```

```

        this.localizacionTableAdapter.Fill(this.pfc_dbDataSet.Localizacion);
        this.comboBox4.Text = "Selecione una Localizacion";
        this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);
    }

    else if (this.comboBox1.SelectedItem.ToString() == "Mostrar Todo")
    {
        this.comboBox2.Enabled = false;
        this.comboBox2.Text = "";
        this.comboBox3.Enabled = false;
        this.comboBox3.Text = "";
        this.comboBox4.Enabled = false;
        this.comboBox4.Text = "";
        this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);
    }
}

private void comboBox2_SelectedIndexChanged(object sender, EventArgs e)
{
    //Departamento: Esta línea de código carga datos en la tabla
    'pfc_dbDataSet.db_CATEC_2'
    this.db_CATECTableAdapter.Rellenar_Depts(this.pfc_dbDataSet.db_CATEC,
    this.comboBox2.Text);
    bloque1 = codigoLabel1.Text; //Se actualiza el ID al cambiar el
    departamento
    actualizaID();
}

private void comboBox3_SelectedIndexChanged_1(object sender, EventArgs e)
{
    // Tipo: Esta línea de código carga datos en la tabla
    'pfc_dbDataSet.db_CATEC_2' Puede moverla o quitarla según sea necesario.
    this.db_CATECTableAdapter.Rellenar_Tipo(this.pfc_dbDataSet.db_CATEC,
    this.comboBox3.Text);
    bloque2 = codigoLabel2.Text; //Se actualiza el ID al cambiar el tipo
    actualizaID();
}

private void comboBox4_SelectedIndexChanged(object sender, EventArgs e)
{
    // Localizacion: Esta línea de código carga datos en la tabla
    'pfc_dbDataSet.db_CATEC_2'
    this.db_CATECTableAdapter.Rellenar_Loc(this.pfc_dbDataSet.db_CATEC,
    this.comboBox4.Text);
}

private void button6_Click(object sender, EventArgs e)
{
    //Alta de los equipos: Pestaña Alta equipos
    //1º Comprueba que los campos necesarios para dar de alta una etiqueta estan
    rellenos
    if (conceptoTextBox.Text == "")
    {
        errorProvider1.SetError(conceptoTextBox, "Concepto");
        MessageBox.Show("Especifique el Concepto!!");
    }
    else
    {
        errorProvider1.SetError(conceptoTextBox, "");

        if (departamentoComboBox.Text == "")
        {
            errorProvider1.SetError(departamentoComboBox, "Departamento");
            MessageBox.Show("Especifique el Departamento!!");
        }
        else
        {
            errorProvider1.SetError(departamentoComboBox, "");

            if (tipoComboBox.Text == "")
            {
                errorProvider1.SetError(tipoComboBox, "Tipo");
            }
        }
    }
}

```

```

        MessageBox.Show("Especifique el Tipo!!");
    }
    else
    {
        errorProvider1.SetError(tipoComboBox, "");

        //bloque3 = "0000000000000000";
        //Me generare el bloque 3 dependiendo de las unidades que ya hay
en la base de datos, siempre teniendo en cuenta bloque3 son 16 digitos
        bloque1 = codigoLabel1.Text;
        bloque2 = codigoLabel2.Text;
        actualizaID();
        this.Validate();
        this.dbCATECBindingSource.AddNew();
        this.db_CATECTableAdapter.Insert(IDTextBox.Text,
conceptoTextBox.Text, departamentoComboBox.Text, responsableTextBox.Text,
tipoComboBox.Text, unidadesnumericUpDown.Value, localizacioncomboBox.Text,
ultimo_UsuarioTextBox.Text, codigo_ProductoTextBox.Text, codigo_CATECTextBox.Text,
historico_IntervencionesTextBox.Text, plan_MantenimientoTextBox.Text,
ficha_MantenimientoTextBox.Text, tipo_LicenciaTextBox.Text, numero_LicenciaTextBox.Text,
caducidad_LicenciaTextBox.Text, equipo_Usuario_asociadoTextBox.Text,
fecha_AltaDateTimePicker.Value, fecha_BajaDateTimePicker.Value, estadoTextBox.Text,
proveedorTextBox.Text, fecha_RecepcionDateTimePicker.Value, imagenTextBox.Text,
notasTextBox.Text);

        this.db_CATECTableAdapter.Update(this.pfc_dbDataSet.db_CATEC);

        //Formulario de imprimir en el que se configura la etiqueta y la
comunicacion con la impresora para imprimir el tag en cuestion dado de alta
        info_imprime_etiqueta = IDTextBox.Text;
        codigo_catec = codigo_CATECTextBox.Text;
        Imprimir formulario_imprimir = new Imprimir();
        formulario_imprimir.ShowDialog();

        this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);
        this.dbCATECBindingSource.EndEdit();
        borrar_alta_Form1();
    }
}
}
}

private void button5_Click(object sender, EventArgs e)
{ //Boton borrar alta; para limpiar todo el registro
    borrar_alta_Form1();
}

public void borrar_alta_Form1()
{
    IDTextBox.Text = "";
    conceptoTextBox.Text = "";
    departamentoComboBox.Text = "";
    responsableTextBox.Text = "";
    tipoComboBox.Text = "";
    unidadesnumericUpDown.Value = 1;
    localizacioncomboBox.Text = "";
    ultimo_UsuarioTextBox.Text = "";
    codigo_ProductoTextBox.Text = "";
    codigo_CATECTextBox.Text = "";
    historico_IntervencionesTextBox.Text = "";
    plan_MantenimientoTextBox.Text = "";
    ficha_MantenimientoTextBox.Text = "";
    tipo_LicenciaTextBox.Text = "";
    numero_LicenciaTextBox.Text = "";
    caducidad_LicenciaTextBox.Text = "";
    equipo_Usuario_asociadoTextBox.Text = "";
    fecha_AltaDateTimePicker.Value = DateTime.Today;
    fecha_BajaDateTimePicker.Value = DateTime.Today;
    estadoTextBox.Text = "";
    proveedorTextBox.Text = "";
    fecha_RecepcionDateTimePicker.Value = DateTime.Today;
    imagenTextBox.Text = "";
    notasTextBox.Text = "";

    bloque1 = "AAAA";
}

```

```

        bloque2 = "FFFF";
        bloque3 = "XXXXXXXXXXXXXXXXXX";
        actualizaID();
    }

    private void tabControll1_SelectedIndexChanged(object sender, EventArgs e)
    {
        //Acciones que se ejecutan al seleccionar la pestaña alta de etiquetas o
        gestion de inventario en la consola
        if (this.tabControll1.SelectedIndex == 1)
        {
            this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);
            borrar_alta_Form1();

            bloque1 = "AAAA";
            bloque2 = "FFFF";
            bloque3 = "XXXXXXXXXXXXXXXXXX";
            actualizaID();
            this.departamentosTableAdapter.Fill(this.pfc_dbDataSet.Departamentos);
            this.departamentoComboBox.Text = "";
            this.tipoTableAdapter.Fill(this.pfc_dbDataSet.Tipo);
            this.tipoComboBox.Text = "";
            this.localizacionTableAdapter.Fill(this.pfc_dbDataSet.Localizacion);
            this.localizacioncomboBox.Text = "";
        }

        else if (this.tabControll1.SelectedIndex == 3)
        {
            this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);
            this.comboBox2.Enabled = false;
            this.comboBox2.Text = "";
            this.comboBox3.Enabled = false;
            this.comboBox3.Text = "";
            this.comboBox4.Enabled = false;
            this.comboBox4.Text = "";
        }
    }

    public void actualizaID()
    {
        //Funcion para actualizar el ID con el que se va a identificar por RFID al
        equipo que se pretender gestionar
        this.db_CATECTableAdapter.Fill(this.pfc_dbDataSet.db_CATEC);

        if (this.pfc_dbDataSet.db_CATEC.Count < 9)
        {
            bloque3 = "0000000000000" + (this.pfc_dbDataSet.db_CATEC.Count +
1).ToString();
        }
        else if (this.pfc_dbDataSet.db_CATEC.Count < 99)
        {
            bloque3 = "0000000000000" + (this.pfc_dbDataSet.db_CATEC.Count +
1).ToString();
        }
        else if (this.pfc_dbDataSet.db_CATEC.Count < 999)
        {
            bloque3 = "0000000000000" + (this.pfc_dbDataSet.db_CATEC.Count +
1).ToString();
        }
        else if (this.pfc_dbDataSet.db_CATEC.Count < 9999)
        {
            bloque3 = "000000000000" + (this.pfc_dbDataSet.db_CATEC.Count +
1).ToString();
        }

        this.IDTextBox.Text = bloque1 + bloque2 + bloque3;
    }

    private void db_CATECDataGridView1_DoubleClick(object sender, EventArgs e)
    {
        //Desde la gestion de inventario para poder imprimir de nuevo la etiqueta
        del equipo registrado

        Imprime_nuevas_Etiquetas formulario_imprime_nueva = new
        Imprime_nuevas_Etiquetas();
    }

```

```

        info_imprime_etiqueta =
this.db_CATECDataGridview1.Rows[db_CATECDataGridview1.CurrentCell.RowIndex].Cells[0].Value.ToString();
        codigo_catec =
this.db_CATECDataGridview1.Rows[db_CATECDataGridview1.CurrentCell.RowIndex].Cells[9].Value.ToString();

        formulario_imprime_nueva.ShowDialog();
    }

private void button9_Click(object sender, EventArgs e)
{ //Parar la lectura desde la pestaña gestion de etiquetas
    Console.Beep();
    Timer_modos_leer.Enabled = false;
    leer.Enabled = true;
    comboBox5.Enabled = true;
    numericUpDown2.Enabled = true;
    label5.Enabled = true;
    Delete_Rospec();
}

private void button1_Click_2(object sender, EventArgs e)
{ //Para generar un informe en un archivo de texto .txt de todos los equipos y
  toda la lectura RFID realizada

    System.IO.StreamWriter writer;
    string titulo = DateTime.Today.ToString("dd-MM-yy");
//Raiz donde se guarda el informe
    writer = System.IO.File.CreateText("C:\\\\Informes\\" + titulo + ".txt");
    writer.WriteLine("INFORME DEL DÍA");
    writer.WriteLine(DateTime.Now.ToString("dd-MM-yy HH:mm"));
    writer.WriteLine("-----");
    writer.WriteLine("");
    for (int indice = 0; indice < dataGridView2.Rows.Count; indice++)
    {
        string concepto = dataGridView2.Rows[indice].Cells[1].Value.ToString();
        string fecha = dataGridView2.Rows[indice].Cells[2].Value.ToString();
        string hora = dataGridView2.Rows[indice].Cells[3].Value.ToString();
        string entsal = dataGridView2.Rows[indice].Cells[4].Value.ToString();
        writer.WriteLine(concepto + "-----" + hora + "-----" + fecha
+ "-----" + entsal);
        writer.WriteLine("-----");
    }
    writer.Close();
}

private void comboBox5_SelectedIndexChanged(object sender, EventArgs e)
{ //Cambios a la hora de seleccionar los modos de funcionamiento, se habilitarán
  unas opciones u otras dependiendo del modo seleccionado

    if (comboBox5.Text.ToString() == "Leer etiquetas")
    {
        numericUpDown2.Enabled = true;
        label5.Enabled = true;
    }
    else
    {
        numericUpDown2.Enabled = false;
        label5.Enabled = false;
    }
}

private void Timer_modos_leer_Tick(object sender, EventArgs e) //Temporizador
modo inventario (modo leer etiquetas)
{
    Timer_modos_leer.Enabled = false;
    leer.Enabled = true;
    comboBox5.Enabled = true;
    numericUpDown2.Enabled = true;
    label5.Enabled = true;
    Delete_Rospec();
}

```

```

private void tabPage3_Click(object sender, EventArgs e)
{ //En la pestaña gestion de etiquetas, para quitar la selección en el
datagridview de cualquier campo
    this.dataGridView2.ClearSelection();
}

//Rellenar el registro de usuario, cada tim_registro, 30 segundos
private void tim_registro_Tick(object sender, EventArgs e)
{
    string estado;
    //Limpieza de la tabla de lectura de ent/sal y sustitucion del estado de la
pieza (disponible si esta dentro del lab), no disponible si esta fuera
    for (int i = dataGridView2.Rows.Count-1; i >= cont_ant; i--) //1º Limpio
el registro de lectura, solo quedandome con lecturas buenas
    {
        if (dataGridView2.Rows[i].Cells[4].Value.ToString() != "incompleto")
        {
            dataGridView3.Rows.Add(dataGridView2.Rows[i].Cells[1].Value,
dataGridView2.Rows[i].Cells[4].Value, dataGridView2.Rows[i].Cells[2].Value,
dataGridView2.Rows[i].Cells[3].Value,dataGridView2.Rows[i].Cells[7].Value);
        }
    }

    if (dataGridView2.Rows.Count == 0) cont_ant = 0;
    else cont_ant = dataGridView2.Rows.Count;

    for(int j=dataGridView3.Rows.Count-1; j>=cont_ant2; j--) //Recorro la tabla
en busca de equipos
    {
        if (dataGridView3.Rows[j].Cells[4].Value.ToString() != "Trabajador") //no
puede salir un equipo sin trabajador, pero si puede salir un trabajador sin equipo
        {
            for (int h=dataGridView3.Rows.Count-1; h>=cont_ant2;h--) //Recorro
la tabla en busca de trabajadores
            { //Si es un trabajador y el tiempo en el que se registro su paso
(+2seg) se corresponde y el registro es = (salida o entrada) con el del equipo se
linkan

                if((dataGridView3.Rows[h].Cells[4].Value.ToString()=="Trabajador")
&&((Convert.ToDateTime(dataGridView3.Rows[j].Cells[3].Value) -
Convert.ToDateTime(dataGridView3.Rows[h].Cells[3].Value)).TotalSeconds < 2)&&
(dataGridView3.Rows[h].Cells[1].Value.ToString()==
dataGridView3.Rows[j].Cells[1].Value.ToString()))
                {
                    if (dataGridView2.Rows[j].Cells[4].Value.ToString() ==
"entrada")
                    {
                        estado = "disponible (en laboratorio)";
                    }
                    else
                    {
                        estado = "no disponible (en nave)";
                    }
                    dataGridView1.Rows.Add(dataGridView3.Rows[j].Cells[0].Value,
dataGridView3.Rows[h].Cells[0].Value, estado, dataGridView3.Rows[j].Cells[2].Value,
dataGridView3.Rows[j].Cells[3].Value);
                    h=cont_ant2;
                    //Actualizo el registro_uso de la base de datos
                    this.registro_usoBindingSource.AddNew();
                    this.registro_usoTableAdapter.Insert(dataGridView3.Rows[j].Cells[0].Value.ToString(),
dataGridView3.Rows[h].Cells[0].Value.ToString(),
estado,Convert.ToDateTime(dataGridView3.Rows[j].Cells[3].Value));
                    this.registro_usoTableAdapter.Update(this.pfc_dbDataSet.Registro_uso);
                    this.registro_usoBindingSource.EndEdit();
                    this.registro_usoTableAdapter.Fill(this.pfc_dbDataSet.Registro_uso);
                }
            }
        }
    }

    if (dataGridView3.Rows.Count==0) cont_ant2=0;
    else cont_ant2=dataGridView3.Rows.Count;
}

```

```

        label3.Text = "Registro actualizado: " + DateTime.Now.ToString();
    }

    private void linkLabel2_LinkClicked(object sender, LinkLabelLinkClickedEventArgs
e)
    { //Para añadir un departamento nuevo a la lista que aparece en Alta etiquetas
      if (departamentoComboBox.Text == "")
        MessageBox.Show("Introduzca un departamento");
      else
      {
        string departamento = departamentoComboBox.Text;
        this.departamentosBindingSource.AddNew();
        this.departamentosTableAdapter.Insert(departamento, "1111");//Al ser un
departamento nuevo se le asigna un valor por defecto 1111
        this.departamentosTableAdapter.Update(this.pfc_dbDataSet.Departamentos);
        this.departamentosBindingSource.EndEdit();
        this.departamentosTableAdapter.Fill(this.pfc_dbDataSet.Departamentos);
      }
    }

    private void linkLabel3_LinkClicked(object sender, LinkLabelLinkClickedEventArgs
e)
    { //Para añadir un tipo nuevo a la lista que aparece en Alta etiquetas
      if (tipoComboBox.Text == "")
        MessageBox.Show("Introduzca un tipo");
      else
      {
        string tipo = tipoComboBox.Text;
        this.tipoBindingSource.AddNew();
        this.tipoTableAdapter.Insert(tipo, "1111");//Al ser un tipo nuevo se le
asigna un valor por defecto 1111
        this.tipoTableAdapter.Update(this.pfc_dbDataSet.Tipo);
        this.tipoBindingSource.EndEdit();
        this.tipoTableAdapter.Fill(this.pfc_dbDataSet.Tipo);
      }
    }

    private void linkLabel4_LinkClicked(object sender, LinkLabelLinkClickedEventArgs
e)
    { //Para añadir una localizacion nueva a la lista que aparece en Alta
etiquetas
      string localizacion = localizacioncomboBox.Text;
      this.localizacionBindingSource.AddNew();
      this.localizacionTableAdapter.Insert(localizacion);
      this.localizacionTableAdapter.Update(this.pfc_dbDataSet.Localizacion);
      this.localizacionBindingSource.EndEdit();
      this.localizacionTableAdapter.Fill(this.pfc_dbDataSet.Localizacion);
    }

    private void fillByToolStripButton_Click(object sender, EventArgs e)
    {
      try
      {
        this.departamentosTableAdapter.FillBy(this.pfc_dbDataSet.Departamentos);
      }
      catch (System.Exception ex)
      {
        System.Windows.Forms.MessageBox.Show(ex.Message);
      }
    }
  }
}

```

### A.1.1.2.- Form1.Designer.cs

```

namespace Aplicacion_CATEC
{
    partial class Form1
    {
        /// <summary>
        /// Required designer variable.

```



```

/// </summary>
private System.ComponentModel.IContainer components = null;

/// <summary>
/// Clean up any resources being used.
/// </summary>
/// <param name="disposing">true if managed resources should be disposed;
otherwise, false.</param>
protected override void Dispose(bool disposing)
{
    if (disposing && (components != null))
    {
        components.Dispose();
    }
    base.Dispose(disposing);
}

#region Windows Form Designer generated code

/// <summary>
/// Required method for Designer support - do not modify
/// the contents of this method with the code editor.
/// </summary>
private void InitializeComponent()
{
    this.components = new System.ComponentModel.Container();
    System.Windows.Forms.Label LocalizacionLabel;
    System.Windows.Forms.Label departamentoLabel;
    System.Windows.Forms.Label responsableLabel;
    System.Windows.Forms.Label tipoLabel;
    System.Windows.Forms.Label idLabel;
    System.Windows.Forms.Label conceptoLabel;
    System.Windows.Forms.Label departamentoLabel2;
    System.Windows.Forms.Label responsableLabel2;
    System.Windows.Forms.Label tipoLabel2;
    System.Windows.Forms.Label unidadesLabel;
    System.Windows.Forms.Label LocalizacionLabel2;
    System.Windows.Forms.Label ultimo_UsuarioLabel;
    System.Windows.Forms.Label codigo_ProductoLabel;
    System.Windows.Forms.Label codigo_CATECLabel;
    System.Windows.Forms.Label historico_IntervencionesLabel;
    System.Windows.Forms.Label plan_MantenimientoLabel;
    System.Windows.Forms.Label ficha_MantenimientoLabel;
    System.Windows.Forms.Label tipo_LicenciaLabel;
    System.Windows.Forms.Label numero_LicenciaLabel;
    System.Windows.Forms.Label caducidad_LicenciaLabel;
    System.Windows.Forms.Label equipo_Usuario_asociadoLabel;
    System.Windows.Forms.Label fecha_AltaLabel;
    System.Windows.Forms.Label fecha_BajaLabel;
    System.Windows.Forms.Label estadoLabel;
    System.Windows.Forms.Label proveedorLabel;
    System.Windows.Forms.Label fecha_RecepcionLabel;
    System.Windows.Forms.Label imagenLabel;
    System.Windows.Forms.Label notasLabel;
    System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(Form1));
    System.Windows.Forms.DataGridViewCellStyle dataGridViewCellStyle1 = new
System.Windows.Forms.DataGridViewCellStyle();
    System.Windows.Forms.DataGridViewCellStyle dataGridViewCellStyle2 = new
System.Windows.Forms.DataGridViewCellStyle();
    System.Windows.Forms.DataGridViewCellStyle dataGridViewCellStyle3 = new
System.Windows.Forms.DataGridViewCellStyle();
    System.Windows.Forms.DataGridViewCellStyle dataGridViewCellStyle4 = new
System.Windows.Forms.DataGridViewCellStyle();
    this.leer = new System.Windows.Forms.Button();
    this.pictureBox1 = new System.Windows.Forms.PictureBox();
    this.label1 = new System.Windows.Forms.Label();
    this.button3 = new System.Windows.Forms.Button();
    this.label2 = new System.Windows.Forms.Label();
    this.button4 = new System.Windows.Forms.Button();
    this.tabControl1 = new System.Windows.Forms.TabControl();
    this.tabPage1 = new System.Windows.Forms.TabPage();
    this.checkedListBox1 = new System.Windows.Forms.CheckedListBox();
    this.button8 = new System.Windows.Forms.Button();
    this.progressBar1 = new System.Windows.Forms.ProgressBar();
}

```

```

        this.listBox2 = new System.Windows.Forms.ListBox();
        this.comboBox7 = new System.Windows.Forms.ComboBox();
        this.tabPage2 = new System.Windows.Forms.TabPage();
        this.groupBox3 = new System.Windows.Forms.GroupBox();
        this.linkLabel4 = new System.Windows.Forms.LinkLabel();
        this.linkLabel3 = new System.Windows.Forms.LinkLabel();
        this.linkLabel2 = new System.Windows.Forms.LinkLabel();
        this.unidadesnumericUpDown = new System.Windows.Forms.NumericUpDown();
        this.codigoLabel2 = new System.Windows.Forms.Label();
        this.tipoBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.pfc_dbDataSet = new Aplicacion_CATEC.pfc_dbDataSet();
        this.IDTextBox = new System.Windows.Forms.MaskedTextBox();
        this.codigoLabel1 = new System.Windows.Forms.Label();
        this.departamentosBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.button5 = new System.Windows.Forms.Button();
        this.button7 = new System.Windows.Forms.Button();
        this.button6 = new System.Windows.Forms.Button();
        this.localizacioncomboBox = new System.Windows.Forms.ComboBox();
        this.localizacionBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.conceptoTextBox = new System.Windows.Forms.TextBox();
        this.departamentoComboBox = new System.Windows.Forms.ComboBox();
        this.responsableTextBox = new System.Windows.Forms.TextBox();
        this.tipoComboBox = new System.Windows.Forms.ComboBox();
        this.ultimo_usuarioTextBox = new System.Windows.Forms.TextBox();
        this.codigo_productoTextBox = new System.Windows.Forms.TextBox();
        this.codigo_CATECTextBox = new System.Windows.Forms.TextBox();
        this.historico_intervencionesTextBox = new System.Windows.Forms.TextBox();
        this.plan_mantenimientoTextBox = new System.Windows.Forms.TextBox();
        this.ficha_mantenimientoTextBox = new System.Windows.Forms.TextBox();
        this.tipo_licenciaTextBox = new System.Windows.Forms.TextBox();
        this.numero_licenciaTextBox = new System.Windows.Forms.TextBox();
        this.caducidad_licenciaTextBox = new System.Windows.Forms.TextBox();
        this.equipo_usuario_asociadoTextBox = new System.Windows.Forms.TextBox();
        this.fecha_altaDateTimePicker = new System.Windows.Forms.DateTimePicker();
        this.fecha_bajaDateTimePicker = new System.Windows.Forms.DateTimePicker();
        this.dbCATECBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.estadoTextBox = new System.Windows.Forms.TextBox();
        this.proveedorTextBox = new System.Windows.Forms.TextBox();
        this.fecha_recepcionDateTimePicker = new
System.Windows.Forms.DateTimePicker();
        this.imagenTextBox = new System.Windows.Forms.TextBox();
        this.notasTextBox = new System.Windows.Forms.TextBox();
        this.tabPage3 = new System.Windows.Forms.TabPage();
        this.label5 = new System.Windows.Forms.Label();
        this.numericUpDown2 = new System.Windows.Forms.NumericUpDown();
        this.button1 = new System.Windows.Forms.Button();
        this.button9 = new System.Windows.Forms.Button();
        this.label4 = new System.Windows.Forms.Label();
        this.comboBox5 = new System.Windows.Forms.ComboBox();
        this.dataGridView2 = new System.Windows.Forms.DataGridView();
        this.ID = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Concepto = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Fecha = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Hora = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Ent_sal = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.RSSI = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Antena = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Tipo = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.groupBox1 = new System.Windows.Forms.GroupBox();
        this.tipoLabel1 = new System.Windows.Forms.Label();
        this.db_CATEC2BindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.responsableLabel1 = new System.Windows.Forms.Label();
        this.departamentoLabel1 = new System.Windows.Forms.Label();
        this.LocalizacionLabel1 = new System.Windows.Forms.Label();
        this.linkLabel1 = new System.Windows.Forms.LinkLabel();
        this.tabPage4 = new System.Windows.Forms.TabPage();
        this.groupBox2 = new System.Windows.Forms.GroupBox();
        this.comboBox4 = new System.Windows.Forms.ComboBox();
        this.comboBox3 = new System.Windows.Forms.ComboBox();
        this.comboBox2 = new System.Windows.Forms.ComboBox();

```

```

        this.comboBox1 = new System.Windows.Forms.ComboBox();
        this.db_CATECDataGridView1 = new System.Windows.Forms.DataGridView();
        this.iDDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.conceptoDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.departamentoDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.responsableDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.tipoDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.unidadesDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.localizacionDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.ultimoUsuarioDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.codigoProductoDataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.historicoIntervencionesDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.planMantenimientoDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.fichaMantenimientoDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.tipoLicenciaDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.numeroLicenciaDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.caducidadLicenciaDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.equipoUsuarioDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.fechaAltaDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.fechaBajaDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.estadoDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.proveedorDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.fechaRecepcionDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.imagenDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.notasDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.tabPage5 = new System.Windows.Forms.TabPage();
        this.label6 = new System.Windows.Forms.Label();
        this.registro_usoDataGridView = new System.Windows.Forms.DataGridView();
        this.dataGridViewTextBoxColumn2 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn5 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn7 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn8 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.registro_usoBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.label3 = new System.Windows.Forms.Label();
        this.dataGridView3 = new System.Windows.Forms.DataGridView();
        this.Column1 = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Column4 = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Column2 = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Column3 = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Column5 = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridView1 = new System.Windows.Forms.DataGridView();
        this.Equipo = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Trabajador = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Estado = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Column6 = new System.Windows.Forms.DataGridViewTextBoxColumn();
        this.Column7 = new System.Windows.Forms.DataGridViewTextBoxColumn();

```

```

        this.departamentos2BindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.tipo2BindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.Temporizador = new System.Windows.Forms.Timer(this.components);
        this.TemporizadorTest = new System.Windows.Forms.Timer(this.components);
        this.serialPort1 = new System.IO.Ports.SerialPort(this.components);
        this.iDDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.conceptoDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.departamentoDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.responsableDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.tipoDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.unidadesDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.LocalizacionDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.ultimoUsuarioDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.codigoProductoDataGridViewTextBoxColumn = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.errorProvider1 = new
System.Windows.Forms.ErrorProvider(this.components);
        this.Timer_modos_leer = new System.Windows.Forms.Timer(this.components);
        this.tim_registro = new System.Windows.Forms.Timer(this.components);
        this.localizacion2BindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.db_CATEC3BindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.db_CATECTableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATECTableAdapter();
        this.departamentosTableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.DepartamentosTableAdapter();
        this.tipoTableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TipoTableAdapter();
        this.localizacionTableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.LocalizacionTableAdapter();
        this.db_CATEC2TableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATEC2TableAdapter();
        this.db_CATEC3TableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATEC3TableAdapter();
        this.tableAdapterManager = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TableAdapterManager();
        this.db_CATEC_cortoTableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATEC_cortoTableAdapter();
        this.departamentos2TableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Departamentos2TableAdapter();
        this.localizacion2TableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Localizacion2TableAdapter();
        this.registro_usoTableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Registro_usoTableAdapter();
        this.tipo2TableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Tipo2TableAdapter();
        this.db_CATEC_cortoBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.pictureBox2 = new System.Windows.Forms.PictureBox();
        LocalizacionLabel = new System.Windows.Forms.Label();
        departamentoLabel = new System.Windows.Forms.Label();
        responsableLabel = new System.Windows.Forms.Label();
        tipoLabel = new System.Windows.Forms.Label();
        iDLabel = new System.Windows.Forms.Label();
        conceptoLabel = new System.Windows.Forms.Label();
        departamentoLabel2 = new System.Windows.Forms.Label();
        responsableLabel2 = new System.Windows.Forms.Label();
        tipoLabel2 = new System.Windows.Forms.Label();
        unidadesLabel = new System.Windows.Forms.Label();
        LocalizacionLabel2 = new System.Windows.Forms.Label();
        ultimo_UsuarioLabel = new System.Windows.Forms.Label();
        codigo_ProductoLabel = new System.Windows.Forms.Label();
        codigo_CATECLabel = new System.Windows.Forms.Label();
        historico_IntervencionesLabel = new System.Windows.Forms.Label();

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plan_MantenimientoLabel = new System.Windows.Forms.Label();
ficha_MantenimientoLabel = new System.Windows.Forms.Label();
tipo_LicenciaLabel = new System.Windows.Forms.Label();
numero_LicenciaLabel = new System.Windows.Forms.Label();
caducidad_LicenciaLabel = new System.Windows.Forms.Label();
equipo_Usuario_asociadoLabel = new System.Windows.Forms.Label();
fecha_AltaLabel = new System.Windows.Forms.Label();
fecha_BajaLabel = new System.Windows.Forms.Label();
estadoLabel = new System.Windows.Forms.Label();
proveedorLabel = new System.Windows.Forms.Label();
fecha_RecepcionLabel = new System.Windows.Forms.Label();
imagenLabel = new System.Windows.Forms.Label();
notasLabel = new System.Windows.Forms.Label();
((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).BeginInit();
this.tabControl1.SuspendLayout();
this.tabPage1.SuspendLayout();
this.tabPage2.SuspendLayout();
this.groupBox3.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.unidadesnumericUpDown)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.tipoBindingSource)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.pfc_dbDataSet)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.departamentosBindingSource)).BeginInit();
);

((System.ComponentModel.ISupportInitialize)(this.localizacionBindingSource)).BeginInit();
;

((System.ComponentModel.ISupportInitialize)(this.dbCATECBindingSource)).BeginInit();
this.tabPage3.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.numericUpDown2)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.dataGridView2)).BeginInit();
this.groupBox1.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.db_CATEC2BindingSource)).BeginInit();
this.tabPage4.SuspendLayout();
this.groupBox2.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.db_CATECDataGridView1)).BeginInit();
this.tabPage5.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.registro_usoDataGridView)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.registro_usoBindingSource)).BeginInit();
;

((System.ComponentModel.ISupportInitialize)(this.dataGridView3)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.dataGridView1)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.departamentos2BindingSource)).BeginInit();
);

((System.ComponentModel.ISupportInitialize)(this.tipo2BindingSource)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.errorProvider1)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.localizacion2BindingSource)).BeginInit();
);

((System.ComponentModel.ISupportInitialize)(this.db_CATEC3BindingSource)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.db_CATEC_cortoBindingSource)).BeginInit();
);
((System.ComponentModel.ISupportInitialize)(this.pictureBox2)).BeginInit();
this.SuspendLayout();
//
// LocalizacionLabel
//
LocalizacionLabel.AutoSize = true;

```

```

LocalizacionLabel.Location = new System.Drawing.Point(26, 155);
LocalizacionLabel.Name = "LocalizacionLabel";
LocalizacionLabel.Size = new System.Drawing.Size(69, 13);
LocalizacionLabel.TabIndex = 8;
LocalizacionLabel.Text = "Localizacion:";
//
// departamentoLabel
//
departamentoLabel.AutoSize = true;
departamentoLabel.Location = new System.Drawing.Point(18, 44);
departamentoLabel.Name = "departamentoLabel";
departamentoLabel.Size = new System.Drawing.Size(77, 13);
departamentoLabel.TabIndex = 9;
departamentoLabel.Text = "Departamento:";
//
// responsableLabel
//
responsableLabel.AutoSize = true;
responsableLabel.Location = new System.Drawing.Point(23, 85);
responsableLabel.Name = "responsableLabel";
responsableLabel.Size = new System.Drawing.Size(72, 13);
responsableLabel.TabIndex = 10;
responsableLabel.Text = "Responsable:";
//
// tipoLabel
//
tipoLabel.AutoSize = true;
tipoLabel.Location = new System.Drawing.Point(64, 121);
tipoLabel.Name = "tipoLabel";
tipoLabel.Size = new System.Drawing.Size(31, 13);
tipoLabel.TabIndex = 11;
tipoLabel.Text = "Tipo:";
//
// iDLabel
//
iDLabel.AutoSize = true;
iDLabel.Location = new System.Drawing.Point(13, 36);
iDLabel.Name = "iDLabel";
iDLabel.Size = new System.Drawing.Size(21, 13);
iDLabel.TabIndex = 0;
iDLabel.Text = "ID:";
//
// conceptoLabel
//
conceptoLabel.AutoSize = true;
conceptoLabel.Location = new System.Drawing.Point(13, 62);
conceptoLabel.Name = "conceptoLabel";
conceptoLabel.Size = new System.Drawing.Size(56, 13);
conceptoLabel.TabIndex = 2;
conceptoLabel.Text = "Concepto:";
//
// departamentoLabel2
//
departamentoLabel2.AutoSize = true;
departamentoLabel2.Location = new System.Drawing.Point(13, 88);
departamentoLabel2.Name = "departamentoLabel2";
departamentoLabel2.Size = new System.Drawing.Size(77, 13);
departamentoLabel2.TabIndex = 4;
departamentoLabel2.Text = "Departamento:";
//
// responsableLabel2
//
responsableLabel2.AutoSize = true;
responsableLabel2.Location = new System.Drawing.Point(13, 115);
responsableLabel2.Name = "responsableLabel2";
responsableLabel2.Size = new System.Drawing.Size(72, 13);
responsableLabel2.TabIndex = 6;
responsableLabel2.Text = "Responsable:";
//
// tipoLabel2
//
tipoLabel2.AutoSize = true;
tipoLabel2.Location = new System.Drawing.Point(13, 141);
tipoLabel2.Name = "tipoLabel2";
tipoLabel2.Size = new System.Drawing.Size(31, 13);

```



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tipoLabel2.TabIndex = 8;
tipoLabel2.Text = "Tipo:";
//
// unidadesLabel
//
unidadesLabel.AutoSize = true;
unidadesLabel.Location = new System.Drawing.Point(13, 168);
unidadesLabel.Name = "unidadesLabel";
unidadesLabel.Size = new System.Drawing.Size(55, 13);
unidadesLabel.TabIndex = 10;
unidadesLabel.Text = "Unidades:";
//
// LocalizacionLabel2
//
LocalizacionLabel2.AutoSize = true;
LocalizacionLabel2.Location = new System.Drawing.Point(13, 194);
LocalizacionLabel2.Name = "LocalizacionLabel2";
LocalizacionLabel2.Size = new System.Drawing.Size(69, 13);
LocalizacionLabel2.TabIndex = 12;
LocalizacionLabel2.Text = "Localizacion:";
//
// ultimo_UsuarioLabel
//
ultimo_UsuarioLabel.AutoSize = true;
ultimo_UsuarioLabel.Location = new System.Drawing.Point(13, 220);
ultimo_UsuarioLabel.Name = "ultimo_UsuarioLabel";
ultimo_UsuarioLabel.Size = new System.Drawing.Size(78, 13);
ultimo_UsuarioLabel.TabIndex = 14;
ultimo_UsuarioLabel.Text = "Ultimo Usuario:";
//
// codigo_ProductoLabel
//
codigo_ProductoLabel.AutoSize = true;
codigo_ProductoLabel.Location = new System.Drawing.Point(13, 246);
codigo_ProductoLabel.Name = "codigo_ProductoLabel";
codigo_ProductoLabel.Size = new System.Drawing.Size(89, 13);
codigo_ProductoLabel.TabIndex = 16;
codigo_ProductoLabel.Text = "Codigo Producto:";
//
// codigo_CATECLabel
//
codigo_CATECLabel.AutoSize = true;
codigo_CATECLabel.Location = new System.Drawing.Point(13, 272);
codigo_CATECLabel.Name = "codigo_CATECLabel";
codigo_CATECLabel.Size = new System.Drawing.Size(81, 13);
codigo_CATECLabel.TabIndex = 18;
codigo_CATECLabel.Text = "Codigo CATEC:";
//
// historico_IntervencionesLabel
//
historico_IntervencionesLabel.AutoSize = true;
historico_IntervencionesLabel.Location = new System.Drawing.Point(13, 296);
historico_IntervencionesLabel.Name = "historico_IntervencionesLabel";
historico_IntervencionesLabel.Size = new System.Drawing.Size(124, 13);
historico_IntervencionesLabel.TabIndex = 20;
historico_IntervencionesLabel.Text = "Historico Intervenciones:";
//
// plan_MantenimientoLabel
//
plan_MantenimientoLabel.AutoSize = true;
plan_MantenimientoLabel.Location = new System.Drawing.Point(13, 322);
plan_MantenimientoLabel.Name = "plan_MantenimientoLabel";
plan_MantenimientoLabel.Size = new System.Drawing.Size(103, 13);
plan_MantenimientoLabel.TabIndex = 22;
plan_MantenimientoLabel.Text = "Plan Mantenimiento:";
//
// ficha_MantenimientoLabel
//
ficha_MantenimientoLabel.AutoSize = true;
ficha_MantenimientoLabel.Location = new System.Drawing.Point(13, 348);
ficha_MantenimientoLabel.Name = "ficha_MantenimientoLabel";
ficha_MantenimientoLabel.Size = new System.Drawing.Size(108, 13);
ficha_MantenimientoLabel.TabIndex = 24;
ficha_MantenimientoLabel.Text = "Ficha Mantenimiento:";
//

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// tipo_LicenciaLabel
//
tipo_LicenciaLabel.AutoSize = true;
tipo_LicenciaLabel.Location = new System.Drawing.Point(13, 374);
tipo_LicenciaLabel.Name = "tipo_LicenciaLabel";
tipo_LicenciaLabel.Size = new System.Drawing.Size(74, 13);
tipo_LicenciaLabel.TabIndex = 26;
tipo_LicenciaLabel.Text = "Tipo Licencia:";
//
// numero_LicenciaLabel
//
numero_LicenciaLabel.AutoSize = true;
numero_LicenciaLabel.Location = new System.Drawing.Point(468, 32);
numero_LicenciaLabel.Name = "numero_LicenciaLabel";
numero_LicenciaLabel.Size = new System.Drawing.Size(90, 13);
numero_LicenciaLabel.TabIndex = 28;
numero_LicenciaLabel.Text = "Numero Licencia:";
//
// caducidad_LicenciaLabel
//
caducidad_LicenciaLabel.AutoSize = true;
caducidad_LicenciaLabel.Location = new System.Drawing.Point(468, 58);
caducidad_LicenciaLabel.Name = "caducidad_LicenciaLabel";
caducidad_LicenciaLabel.Size = new System.Drawing.Size(104, 13);
caducidad_LicenciaLabel.TabIndex = 30;
caducidad_LicenciaLabel.Text = "Caducidad Licencia:";
//
// equipo_Usuario_asociadoLabel
//
equipo_Usuario_asociadoLabel.AutoSize = true;
equipo_Usuario_asociadoLabel.Location = new System.Drawing.Point(468, 84);
equipo_Usuario_asociadoLabel.Name = "equipo_Usuario_asociadoLabel";
equipo_Usuario_asociadoLabel.Size = new System.Drawing.Size(128, 13);
equipo_Usuario_asociadoLabel.TabIndex = 32;
equipo_Usuario_asociadoLabel.Text = "Equipo Usuario asociado:";
//
// fecha_AltaLabel
//
fecha_AltaLabel.AutoSize = true;
fecha_AltaLabel.Location = new System.Drawing.Point(468, 111);
fecha_AltaLabel.Name = "fecha_AltaLabel";
fecha_AltaLabel.Size = new System.Drawing.Size(61, 13);
fecha_AltaLabel.TabIndex = 34;
fecha_AltaLabel.Text = "Fecha Alta:";
//
// fecha_BajaLabel
//
fecha_BajaLabel.AutoSize = true;
fecha_BajaLabel.Location = new System.Drawing.Point(468, 137);
fecha_BajaLabel.Name = "fecha_BajaLabel";
fecha_BajaLabel.Size = new System.Drawing.Size(64, 13);
fecha_BajaLabel.TabIndex = 36;
fecha_BajaLabel.Text = "Fecha Baja:";
//
// estadoLabel
//
estadoLabel.AutoSize = true;
estadoLabel.Location = new System.Drawing.Point(468, 162);
estadoLabel.Name = "estadoLabel";
estadoLabel.Size = new System.Drawing.Size(43, 13);
estadoLabel.TabIndex = 38;
estadoLabel.Text = "Estado:";
//
// proveedorLabel
//
proveedorLabel.AutoSize = true;
proveedorLabel.Location = new System.Drawing.Point(468, 188);
proveedorLabel.Name = "proveedorLabel";
proveedorLabel.Size = new System.Drawing.Size(59, 13);
proveedorLabel.TabIndex = 40;
proveedorLabel.Text = "Proveedor:";
//
// fecha_RecepcionLabel
//
fecha_RecepcionLabel.AutoSize = true;

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fecha_RecepcionLabel.Location = new System.Drawing.Point(468, 215);
fecha_RecepcionLabel.Name = "fecha_RecepcionLabel";
fecha_RecepcionLabel.Size = new System.Drawing.Size(95, 13);
fecha_RecepcionLabel.TabIndex = 42;
fecha_RecepcionLabel.Text = "Fecha Recepcion:";
//
// imagenLabel
//
imagenLabel.AutoSize = true;
imagenLabel.Location = new System.Drawing.Point(468, 240);
imagenLabel.Name = "imagenLabel";
imagenLabel.Size = new System.Drawing.Size(45, 13);
imagenLabel.TabIndex = 44;
imagenLabel.Text = "Imagen:";
//
// notasLabel
//
notasLabel.AutoSize = true;
notasLabel.Location = new System.Drawing.Point(468, 266);
notasLabel.Name = "notasLabel";
notasLabel.Size = new System.Drawing.Size(38, 13);
notasLabel.TabIndex = 46;
notasLabel.Text = "Notas:";
//
// leer
//
this.leer.AutoSize = true;
this.leer.BackColor = System.Drawing.SystemColors.ButtonHighlight;
this.leer.FlatStyle = System.Windows.Forms.FlatStyle.System;
this.leer.Location = new System.Drawing.Point(298, 45);
this.leer.Name = "leer";
this.leer.Size = new System.Drawing.Size(107, 22);
this.leer.TabIndex = 0;
this.leer.Text = "LEER ";
this.leer.UseVisualStyleBackColor = false;
this.leer.Click += new System.EventHandler(this.button1_Click);
//
// pictureBox1
//
this.pictureBox1.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Right)));
this.pictureBox1.BackgroundImageLayout =
System.Windows.Forms.ImageLayout.None;
this.pictureBox1.Enabled = false;
this.pictureBox1.Image =
((System.Drawing.Image)(resources.GetObject("pictureBox1.Image")));
this.pictureBox1.InitialImage =
((System.Drawing.Image)(resources.GetObject("pictureBox1.InitialImage")));
this.pictureBox1.Location = new System.Drawing.Point(719, 552);
this.pictureBox1.Name = "pictureBox1";
this.pictureBox1.Size = new System.Drawing.Size(179, 64);
this.pictureBox1.SizeMode =
System.Windows.Forms.PictureBoxSizeMode.StretchImage;
this.pictureBox1.TabIndex = 4;
this.pictureBox1.TabStop = false;
//
// label1
//
this.label1.AutoSize = true;
this.label1.Font = new System.Drawing.Font("Lucida Sans", 8F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)0));
this.label1.Location = new System.Drawing.Point(17, 19);
this.label1.Name = "label1";
this.label1.Size = new System.Drawing.Size(174, 12);
this.label1.TabIndex = 7;
this.label1.Text = "Hostname Lector Speedway";
//
// button3
//
this.button3.FlatStyle = System.Windows.Forms.FlatStyle.System;
this.button3.Location = new System.Drawing.Point(197, 46);
this.button3.Name = "button3";
this.button3.Size = new System.Drawing.Size(59, 20);
this.button3.TabIndex = 12;

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this.button3.Text = "Ejecutar";
this.button3.UseVisualStyleBackColor = true;
this.button3.Click += new System.EventHandler(this.button3_Click);
//
// label2
//
this.label2.AutoSize = true;
this.label2.Font = new System.Drawing.Font("Lucida Sans", 10F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)0));
this.label2.Location = new System.Drawing.Point(6, 412);
this.label2.Name = "label2";
this.label2.Size = new System.Drawing.Size(111, 16);
this.label2.TabIndex = 13;
this.label2.Text = "Nº Etiquetas : ";
//
// button4
//
this.button4.Location = new System.Drawing.Point(443, 408);
this.button4.Name = "button4";
this.button4.Size = new System.Drawing.Size(75, 23);
this.button4.TabIndex = 15;
this.button4.Text = "BORRAR";
this.button4.UseVisualStyleBackColor = true;
this.button4.Click += new System.EventHandler(this.button4_Click);
//
// tabControll
//
this.tabControll.Anchor =
((System.Windows.Forms.AnchorStyles)(((System.Windows.Forms.AnchorStyles.Top |
System.Windows.Forms.AnchorStyles.Bottom)
| System.Windows.Forms.AnchorStyles.Left)
| System.Windows.Forms.AnchorStyles.Right));
this.tabControll.Controls.Add(this.tabPage1);
this.tabControll.Controls.Add(this.tabPage2);
this.tabControll.Controls.Add(this.tabPage3);
this.tabControll.Controls.Add(this.tabPage4);
this.tabControll.Controls.Add(this.tabPage5);
this.tabControll.Location = new System.Drawing.Point(12, 25);
this.tabControll.Name = "tabControll";
this.tabControll.SelectedIndex = 0;
this.tabControll.Size = new System.Drawing.Size(886, 521);
this.tabControll.TabIndex = 16;
this.tabControll.SelectedIndexChanged += new
System.EventHandler(this.tabControll_SelectedIndexChanged);
//
// tabPage1
//
this.tabPage1.Controls.Add(this.checkedListBox1);
this.tabPage1.Controls.Add(this.button8);
this.tabPage1.Controls.Add(this.progressBar1);
this.tabPage1.Controls.Add(this.listBox2);
this.tabPage1.Controls.Add(this.comboBox7);
this.tabPage1.Controls.Add(this.label11);
this.tabPage1.Controls.Add(this.button3);
this.tabPage1.Location = new System.Drawing.Point(4, 22);
this.tabPage1.Name = "tabPage1";
this.tabPage1.Padding = new System.Windows.Forms.Padding(3);
this.tabPage1.Size = new System.Drawing.Size(878, 495);
this.tabPage1.TabIndex = 0;
this.tabPage1.Text = "Inicialización";
this.tabPage1.UseVisualStyleBackColor = true;
//
// checkedListBox1
//
this.checkedListBox1.FormattingEnabled = true;
this.checkedListBox1.Items.AddRange(new object[] {
"SpeedwayR-10-34-5C.local",
"SpeedwayR-10-34-5C.local2",
"SpeedwayR-10-34-5C.local3",
"SpeedwayR-10-34-5C.local4",
"SpeedwayR-10-34-5C.local5",
"SpeedwayR-10-34-5C.local6",
"SpeedwayR-10-34-5C.local7",
"SpeedwayR-10-34-5C.local8",
"SpeedwayR-10-34-5C.local9",

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"SpeedwayR-10-34-5C.local10"});
this.checkedListBox1.Location = new System.Drawing.Point(389, 123);
this.checkedListBox1.Name = "checkedListBox1";
this.checkedListBox1.Size = new System.Drawing.Size(219, 139);
this.checkedListBox1.TabIndex = 17;
this.checkedListBox1.Visible = false;
//
// button8
//
this.button8.Location = new System.Drawing.Point(256, 123);
this.button8.Name = "button8";
this.button8.Size = new System.Drawing.Size(75, 23);
this.button8.TabIndex = 16;
this.button8.Text = "simulador on";
this.button8.UseVisualStyleBackColor = true;
this.button8.Visible = false;
this.button8.Click += new System.EventHandler(this.button8_Click_1);
//
// progressBar1
//
this.progressBar1.Location = new System.Drawing.Point(20, 235);
this.progressBar1.Name = "progressBar1";
this.progressBar1.Size = new System.Drawing.Size(214, 23);
this.progressBar1.TabIndex = 15;
this.progressBar1.Visible = false;
//
// listBox2
//
this.listBox2.FormattingEnabled = true;
this.listBox2.Items.AddRange(new object[] {
"SpeedwayR-10-34-5C.local",
"SpeedwayR-10-34-5C.local2",
"SpeedwayR-10-34-5C.local3",
"SpeedwayR-10-34-5C.local4",
"SpeedwayR-10-34-5C.local5",
"SpeedwayR-10-34-5C.local6",
"SpeedwayR-10-34-5C.local7",
"SpeedwayR-10-34-5C.local8",
"SpeedwayR-10-34-5C.local9",
"SpeedwayR-10-34-5C.local10"});
this.listBox2.Location = new System.Drawing.Point(20, 123);
this.listBox2.Name = "listBox2";
this.listBox2.Size = new System.Drawing.Size(214, 95);
this.listBox2.TabIndex = 14;
this.listBox2.Visible = false;
//
// comboBox7
//
this.comboBox7.FormattingEnabled = true;
this.comboBox7.Items.AddRange(new object[] {
"SpeedwayR-10-34-5C.local",
"192.168.1.132"});
this.comboBox7.Location = new System.Drawing.Point(19, 45);
this.comboBox7.Name = "comboBox7";
this.comboBox7.Size = new System.Drawing.Size(172, 21);
this.comboBox7.TabIndex = 13;
//
// tabPage2
//
this.tabPage2.AutoScroll = true;
this.tabPage2.Controls.Add(this.groupBox3);
this.tabPage2.Location = new System.Drawing.Point(4, 22);
this.tabPage2.Name = "tabPage2";
this.tabPage2.Padding = new System.Windows.Forms.Padding(3);
this.tabPage2.Size = new System.Drawing.Size(878, 495);
this.tabPage2.TabIndex = 1;
this.tabPage2.Text = "Alta de Etiquetas";
this.tabPage2.UseVisualStyleBackColor = true;
//
// groupBox3
//
this.groupBox3.Controls.Add(this.linkLabel4);
this.groupBox3.Controls.Add(this.linkLabel3);
this.groupBox3.Controls.Add(this.linkLabel2);
this.groupBox3.Controls.Add(this.unidadesnumericUpDown);

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```

this.groupBox3.Controls.Add(this.codigoLabel2);
this.groupBox3.Controls.Add(this.IDTextBox);
this.groupBox3.Controls.Add(this.codigoLabel1);
this.groupBox3.Controls.Add(this.button5);
this.groupBox3.Controls.Add(this.button7);
this.groupBox3.Controls.Add(this.button6);
this.groupBox3.Controls.Add(this.localizacioncomboBox);
this.groupBox3.Controls.Add(idLabel);
this.groupBox3.Controls.Add(conceptoLabel);
this.groupBox3.Controls.Add(this.conceptoTextBox);
this.groupBox3.Controls.Add(departamentoLabel2);
this.groupBox3.Controls.Add(this.departamentoComboBox);
this.groupBox3.Controls.Add(responsableLabel2);
this.groupBox3.Controls.Add(this.responsableTextBox);
this.groupBox3.Controls.Add(tipoLabel2);
this.groupBox3.Controls.Add(this.tipoComboBox);
this.groupBox3.Controls.Add(unidadesLabel);
this.groupBox3.Controls.Add(LocalizacionLabel2);
this.groupBox3.Controls.Add(ultimo_UsuarioLabel);
this.groupBox3.Controls.Add(this.ultimo_UsuarioTextBox);
this.groupBox3.Controls.Add(codigo_ProductoLabel);
this.groupBox3.Controls.Add(this.codigo_ProductoTextBox);
this.groupBox3.Controls.Add(codigo_CATECLabel);
this.groupBox3.Controls.Add(this.codigo_CATECTextBox);
this.groupBox3.Controls.Add(historico_IntervencionesLabel);
this.groupBox3.Controls.Add(this.historico_IntervencionesTextBox);
this.groupBox3.Controls.Add(plan_MantenimientoLabel);
this.groupBox3.Controls.Add(this.plan_MantenimientoTextBox);
this.groupBox3.Controls.Add(ficha_MantenimientoLabel);
this.groupBox3.Controls.Add(this.ficha_MantenimientoTextBox);
this.groupBox3.Controls.Add(tipo_LicenciaLabel);
this.groupBox3.Controls.Add(this.tipo_LicenciaTextBox);
this.groupBox3.Controls.Add(numero_LicenciaLabel);
this.groupBox3.Controls.Add(this.numero_LicenciaTextBox);
this.groupBox3.Controls.Add(caducidad_LicenciaLabel);
this.groupBox3.Controls.Add(this.caducidad_LicenciaTextBox);
this.groupBox3.Controls.Add(equipo_Usuario_asociadoLabel);
this.groupBox3.Controls.Add(this.equipo_Usuario_asociadoTextBox);
this.groupBox3.Controls.Add(fecha_AltaLabel);
this.groupBox3.Controls.Add(this.fecha_AltaDateTimePicker);
this.groupBox3.Controls.Add(fecha_BajaLabel);
this.groupBox3.Controls.Add(this.fecha_BajaDateTimePicker);
this.groupBox3.Controls.Add(estadoLabel);
this.groupBox3.Controls.Add(this.estadoTextBox);
this.groupBox3.Controls.Add(proveedorLabel);
this.groupBox3.Controls.Add(this.proveedorTextBox);
this.groupBox3.Controls.Add(fecha_RecepcionLabel);
this.groupBox3.Controls.Add(this.fecha_RecepcionDateTimePicker);
this.groupBox3.Controls.Add(imagenLabel);
this.groupBox3.Controls.Add(this.imagenTextBox);
this.groupBox3.Controls.Add(notasLabel);
this.groupBox3.Controls.Add(this.notasTextBox);
this.groupBox3.Location = new System.Drawing.Point(6, 6);
this.groupBox3.Name = "groupBox3";
this.groupBox3.Size = new System.Drawing.Size(854, 482);
this.groupBox3.TabIndex = 0;
this.groupBox3.TabStop = false;
this.groupBox3.Text = "Alta inventario";
//
// linkLabel4
//
this.linkLabel4.AutoSize = true;
this.linkLabel4.Cursor = System.Windows.Forms.Cursors.Hand;
this.linkLabel4.Location = new System.Drawing.Point(353, 194);
this.linkLabel4.Name = "linkLabel4";
this.linkLabel4.Size = new System.Drawing.Size(46, 13);
this.linkLabel4.TabIndex = 66;
this.linkLabel4.TabStop = true;
this.linkLabel4.Text = "Añadir...";
this.linkLabel4.LinkClicked += new
System.Windows.Forms.LinkLabelLinkClickedEventHandler(this.linkLabel4_LinkClicked);
//
// linkLabel3
//
this.linkLabel3.AutoSize = true;

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        this.linkLabel3.Cursor = System.Windows.Forms.Cursors.Hand;
        this.linkLabel3.Location = new System.Drawing.Point(353, 141);
        this.linkLabel3.Name = "linkLabel3";
        this.linkLabel3.Size = new System.Drawing.Size(46, 13);
        this.linkLabel3.TabIndex = 66;
        this.linkLabel3.TabStop = true;
        this.linkLabel3.Text = "Añadir...";
        this.linkLabel3.LinkClicked += new
System.Windows.Forms.LinkLabelLinkClickedEventHandler(this.linkLabel3_LinkClicked);
        //
        // linkLabel2
        //
        this.linkLabel2.AutoSize = true;
        this.linkLabel2.Cursor = System.Windows.Forms.Cursors.Hand;
        this.linkLabel2.Location = new System.Drawing.Point(353, 88);
        this.linkLabel2.Name = "linkLabel2";
        this.linkLabel2.Size = new System.Drawing.Size(46, 13);
        this.linkLabel2.TabIndex = 65;
        this.linkLabel2.TabStop = true;
        this.linkLabel2.Text = "Añadir...";
        this.linkLabel2.LinkClicked += new
System.Windows.Forms.LinkLabelLinkClickedEventHandler(this.linkLabel2_LinkClicked);
        //
        // unidadesnumericUpDown
        //
        this.unidadesnumericUpDown.Location = new System.Drawing.Point(147, 165);
        this.unidadesnumericUpDown.Name = "unidadesnumericUpDown";
        this.unidadesnumericUpDown.Size = new System.Drawing.Size(52, 20);
        this.unidadesnumericUpDown.TabIndex = 10;
        this.unidadesnumericUpDown.Value = new decimal(new int[] {
1,
0,
0,
0});
        //
        // codigoLabel2
        //
        this.codigoLabel2.AutoSize = true;
        this.codigoLabel2.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.tipoBindingSource, "Codigo", true));
        this.codigoLabel2.ForeColor = System.Drawing.Color.Black;
        this.codigoLabel2.Location = new System.Drawing.Point(399, 138);
        this.codigoLabel2.Name = "codigoLabel2";
        this.codigoLabel2.Size = new System.Drawing.Size(0, 13);
        this.codigoLabel2.TabIndex = 63;
        //
        // tipoBindingSource
        //
        this.tipoBindingSource.DataMember = "Tipo";
        this.tipoBindingSource.DataSource = this.pfc_dbDataSet;
        //
        // pfc_dbDataSet
        //
        this.pfc_dbDataSet.DataSetName = "pfc_dbDataSet";
        this.pfc_dbDataSet.SchemaSerializationMode =
System.Data.SchemaSerializationMode.IncludeSchema;
        //
        // IDTextBox
        //
        this.IDTextBox.Enabled = false;
        this.IDTextBox.Location = new System.Drawing.Point(147, 33);
        this.IDTextBox.Mask = "aaaa-aaaa-aaaa-aaaa-aaaa-aaaa";
        this.IDTextBox.Name = "IDTextBox";
        this.IDTextBox.Size = new System.Drawing.Size(200, 20);
        this.IDTextBox.TabIndex = 62;
        this.IDTextBox.Text = "XXXXXXXXXXXXXXXXXXXXXXXXXX";
        this.IDTextBox.TextMaskFormat =
System.Windows.Forms.MaskFormat.ExcludePromptAndLiterals;
        //
        // codigoLabel1
        //
        this.codigoLabel1.AutoSize = true;
        this.codigoLabel1.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.departamentosBindingSource, "Codigo", true));
        this.codigoLabel1.ForeColor = System.Drawing.Color.Black;

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this.codigoLabel1.Location = new System.Drawing.Point(399, 81);
this.codigoLabel1.Name = "codigoLabel1";
this.codigoLabel1.Size = new System.Drawing.Size(0, 13);
this.codigoLabel1.TabIndex = 61;
//
// departamentosBindingSource
//
this.departamentosBindingSource.DataMember = "Departamentos";
this.departamentosBindingSource.DataSource = this.pfc_dbDataSet;
//
// button5
//
this.button5.Location = new System.Drawing.Point(591, 429);
this.button5.Name = "button5";
this.button5.Size = new System.Drawing.Size(100, 27);
this.button5.TabIndex = 54;
this.button5.Text = "Limpiar Formulario";
this.button5.UseVisualStyleBackColor = true;
this.button5.Click += new System.EventHandler(this.button5_Click);
//
// button7
//
this.button7.Location = new System.Drawing.Point(759, 234);
this.button7.Name = "button7";
this.button7.Size = new System.Drawing.Size(75, 23);
this.button7.TabIndex = 57;
this.button7.Text = "Examinar...";
this.button7.UseVisualStyleBackColor = true;
//
// button6
//
this.button6.Location = new System.Drawing.Point(471, 429);
this.button6.Name = "button6";
this.button6.Size = new System.Drawing.Size(100, 27);
this.button6.TabIndex = 51;
this.button6.Text = "Aceptar";
this.button6.UseVisualStyleBackColor = true;
this.button6.Click += new System.EventHandler(this.button6_Click);
//
// localizacioncomboBox
//
this.localizacioncomboBox.DataSource = this.localizacionBindingSource;
this.localizacioncomboBox.DisplayMember = "Nombre_Localizacion";
this.localizacioncomboBox.FormattingEnabled = true;
this.localizacioncomboBox.Location = new System.Drawing.Point(147, 191);
this.localizacioncomboBox.Name = "localizacioncomboBox";
this.localizacioncomboBox.Size = new System.Drawing.Size(200, 21);
this.localizacioncomboBox.TabIndex = 10;
this.localizacioncomboBox.ValueMember = "Nombre_Localizacion";
//
// localizacionBindingSource
//
this.localizacionBindingSource.DataMember = "Localizacion";
this.localizacionBindingSource.DataSource = this.pfc_dbDataSet;
//
// conceptoTextBox
//
this.conceptoTextBox.Location = new System.Drawing.Point(147, 59);
this.conceptoTextBox.Name = "conceptoTextBox";
this.conceptoTextBox.Size = new System.Drawing.Size(200, 20);
this.conceptoTextBox.TabIndex = 3;
//
// departamentoComboBox
//
this.departamentoComboBox.DataSource = this.departamentosBindingSource;
this.departamentoComboBox.DisplayMember = "Nombre_Departamento";
this.departamentoComboBox.FormattingEnabled = true;
this.departamentoComboBox.Location = new System.Drawing.Point(147, 85);
this.departamentoComboBox.Name = "departamentoComboBox";
this.departamentoComboBox.Size = new System.Drawing.Size(200, 21);
this.departamentoComboBox.TabIndex = 5;
this.departamentoComboBox.ValueMember = "Nombre_Departamento";
//
// responsableTextBox
//

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this.responsableTextBox.Location = new System.Drawing.Point(147, 112);
this.responsableTextBox.Name = "responsableTextBox";
this.responsableTextBox.Size = new System.Drawing.Size(200, 20);
this.responsableTextBox.TabIndex = 7;
//
// tipoComboBox
//
this.tipoComboBox.DataSource = this.tipoBindingSource;
this.tipoComboBox.DisplayMember = "Tipo";
this.tipoComboBox.FormattingEnabled = true;
this.tipoComboBox.Location = new System.Drawing.Point(147, 138);
this.tipoComboBox.Name = "tipoComboBox";
this.tipoComboBox.Size = new System.Drawing.Size(200, 21);
this.tipoComboBox.TabIndex = 9;
this.tipoComboBox.ValueMember = "Tipo";
//
// ultimo_USuarioTextBox
//
this.ultimo_USuarioTextBox.Location = new System.Drawing.Point(147, 217);
this.ultimo_USuarioTextBox.Name = "ultimo_USuarioTextBox";
this.ultimo_USuarioTextBox.Size = new System.Drawing.Size(200, 20);
this.ultimo_USuarioTextBox.TabIndex = 15;
//
// codigo_ProductoTextBox
//
this.codigo_ProductoTextBox.Location = new System.Drawing.Point(147, 243);
this.codigo_ProductoTextBox.Name = "codigo_ProductoTextBox";
this.codigo_ProductoTextBox.Size = new System.Drawing.Size(200, 20);
this.codigo_ProductoTextBox.TabIndex = 17;
//
// codigo_CATECTextBox
//
this.codigo_CATECTextBox.Location = new System.Drawing.Point(147, 269);
this.codigo_CATECTextBox.Name = "codigo_CATECTextBox";
this.codigo_CATECTextBox.Size = new System.Drawing.Size(200, 20);
this.codigo_CATECTextBox.TabIndex = 19;
//
// historico_IntervencionesTextBox
//
this.historico_IntervencionesTextBox.Location = new
System.Drawing.Point(147, 293);
this.historico_IntervencionesTextBox.Name =
"historico_IntervencionesTextBox";
this.historico_IntervencionesTextBox.Size = new System.Drawing.Size(200,
20);
this.historico_IntervencionesTextBox.TabIndex = 21;
//
// plan_MantenimientoTextBox
//
this.plan_MantenimientoTextBox.Location = new System.Drawing.Point(147,
319);
this.plan_MantenimientoTextBox.Name = "plan_MantenimientoTextBox";
this.plan_MantenimientoTextBox.Size = new System.Drawing.Size(200, 20);
this.plan_MantenimientoTextBox.TabIndex = 23;
//
// ficha_MantenimientoTextBox
//
this.ficha_MantenimientoTextBox.Location = new System.Drawing.Point(147,
345);
this.ficha_MantenimientoTextBox.Name = "ficha_MantenimientoTextBox";
this.ficha_MantenimientoTextBox.Size = new System.Drawing.Size(200, 20);
this.ficha_MantenimientoTextBox.TabIndex = 25;
//
// tipo_LicenciaTextBox
//
this.tipo_LicenciaTextBox.Location = new System.Drawing.Point(147, 371);
this.tipo_LicenciaTextBox.Name = "tipo_LicenciaTextBox";
this.tipo_LicenciaTextBox.Size = new System.Drawing.Size(200, 20);
this.tipo_LicenciaTextBox.TabIndex = 27;
//
// numero_LicenciaTextBox
//
this.numero_LicenciaTextBox.Location = new System.Drawing.Point(602, 29);
this.numero_LicenciaTextBox.Name = "numero_LicenciaTextBox";
this.numero_LicenciaTextBox.Size = new System.Drawing.Size(232, 20);

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this.numero_LicenciaTextBox.TabIndex = 29;
//
// caducidad_LicenciaTextBox
//
this.caducidad_LicenciaTextBox.Location = new System.Drawing.Point(602, 55);
this.caducidad_LicenciaTextBox.Name = "caducidad_LicenciaTextBox";
this.caducidad_LicenciaTextBox.Size = new System.Drawing.Size(232, 20);
this.caducidad_LicenciaTextBox.TabIndex = 31;
//
// equipo_usuario_asociadoTextBox
//
this.equipo_usuario_asociadoTextBox.Location = new System.Drawing.Point(602,
81);
this.equipo_usuario_asociadoTextBox.Name = "equipo_usuario_asociadoTextBox";
this.equipo_usuario_asociadoTextBox.Size = new System.Drawing.Size(232, 20);
this.equipo_usuario_asociadoTextBox.TabIndex = 33;
//
// fecha_AltaDateTimePicker
//
this.fecha_AltaDateTimePicker.Format =
System.Windows.Forms.DateTimePickerFormat.Short;
this.fecha_AltaDateTimePicker.Location = new System.Drawing.Point(602, 107);
this.fecha_AltaDateTimePicker.Name = "fecha_AltaDateTimePicker";
this.fecha_AltaDateTimePicker.Size = new System.Drawing.Size(89, 20);
this.fecha_AltaDateTimePicker.TabIndex = 35;
//
// fecha_BajaDateTimePicker
//
this.fecha_BajaDateTimePicker.DataBindings.Add(new
System.Windows.Forms.Binding("Value", this.dbCATECBindingSource, "Fecha_Baja", true));
this.fecha_BajaDateTimePicker.Format =
System.Windows.Forms.DateTimePickerFormat.Short;
this.fecha_BajaDateTimePicker.Location = new System.Drawing.Point(602, 133);
this.fecha_BajaDateTimePicker.Name = "fecha_BajaDateTimePicker";
this.fecha_BajaDateTimePicker.Size = new System.Drawing.Size(89, 20);
this.fecha_BajaDateTimePicker.TabIndex = 37;
//
// dbCATECBindingSource
//
this.dbCATECBindingSource.DataMember = "db_CATEC";
this.dbCATECBindingSource.DataSource = this.pfc_dbDataSet;
//
// estadoTextBox
//
this.estadoTextBox.Location = new System.Drawing.Point(602, 159);
this.estadoTextBox.Name = "estadoTextBox";
this.estadoTextBox.Size = new System.Drawing.Size(232, 20);
this.estadoTextBox.TabIndex = 39;
//
// proveedorTextBox
//
this.proveedorTextBox.Location = new System.Drawing.Point(602, 185);
this.proveedorTextBox.Name = "proveedorTextBox";
this.proveedorTextBox.Size = new System.Drawing.Size(232, 20);
this.proveedorTextBox.TabIndex = 41;
//
// fecha_RecepcionDateTimePicker
//
this.fecha_RecepcionDateTimePicker.DataBindings.Add(new
System.Windows.Forms.Binding("Value", this.dbCATECBindingSource, "Fecha_Recepcion",
true));
this.fecha_RecepcionDateTimePicker.Format =
System.Windows.Forms.DateTimePickerFormat.Short;
this.fecha_RecepcionDateTimePicker.Location = new System.Drawing.Point(602,
211);
this.fecha_RecepcionDateTimePicker.Name = "fecha_RecepcionDateTimePicker";
this.fecha_RecepcionDateTimePicker.Size = new System.Drawing.Size(89, 20);
this.fecha_RecepcionDateTimePicker.TabIndex = 43;
//
// imagenTextBox
//
this.imagenTextBox.Location = new System.Drawing.Point(602, 237);
this.imagenTextBox.Name = "imagenTextBox";
this.imagenTextBox.Size = new System.Drawing.Size(151, 20);
this.imagenTextBox.TabIndex = 45;

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//
// notasTextBox
//
this.notasTextBox.Location = new System.Drawing.Point(602, 263);
this.notasTextBox.Multiline = true;
this.notasTextBox.Name = "notasTextBox";
this.notasTextBox.ScrollBars = System.Windows.Forms.ScrollBars.Vertical;
this.notasTextBox.Size = new System.Drawing.Size(232, 98);
this.notasTextBox.TabIndex = 47;
//
// tabPage3
//
this.tabPage3.AutoScroll = true;
this.tabPage3.Controls.Add(this.label5);
this.tabPage3.Controls.Add(this.numericUpDown2);
this.tabPage3.Controls.Add(this.button1);
this.tabPage3.Controls.Add(this.button9);
this.tabPage3.Controls.Add(this.label4);
this.tabPage3.Controls.Add(this.comboBox5);
this.tabPage3.Controls.Add(this.dataGridView2);
this.tabPage3.Controls.Add(this.groupBox1);
this.tabPage3.Controls.Add(this.leer);
this.tabPage3.Controls.Add(this.button4);
this.tabPage3.Controls.Add(this.label2);
this.tabPage3.Location = new System.Drawing.Point(4, 22);
this.tabPage3.Name = "tabPage3";
this.tabPage3.Padding = new System.Windows.Forms.Padding(3);
this.tabPage3.Size = new System.Drawing.Size(878, 495);
this.tabPage3.TabIndex = 2;
this.tabPage3.Text = "Gestión de Etiquetas";
this.tabPage3.UseVisualStyleBackColor = true;
this.tabPage3.Click += new System.EventHandler(this.tabPage3_Click);
//
// label5
//
this.label5.AutoSize = true;
this.label5.Enabled = false;
this.label5.Font = new System.Drawing.Font("Lucida Sans", 8F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)0));
this.label5.Location = new System.Drawing.Point(192, 19);
this.label5.Name = "label5";
this.label5.Size = new System.Drawing.Size(84, 12);
this.label5.TabIndex = 25;
this.label5.Text = "T. Barrido (s)";
//
// numericUpDown2
//
this.numericUpDown2.Enabled = false;
this.numericUpDown2.Location = new System.Drawing.Point(194, 45);
this.numericUpDown2.Name = "numericUpDown2";
this.numericUpDown2.Size = new System.Drawing.Size(82, 20);
this.numericUpDown2.TabIndex = 24;
this.numericUpDown2.TextAlign =
System.Windows.Forms.HorizontalAlignment.Right;
//
// button1
//
this.button1.Location = new System.Drawing.Point(728, 311);
this.button1.Name = "button1";
this.button1.Size = new System.Drawing.Size(123, 23);
this.button1.TabIndex = 23;
this.button1.Text = "Generar Informe";
this.button1.UseVisualStyleBackColor = true;
this.button1.Click += new System.EventHandler(this.button1_Click_2);
//
// button9
//
this.button9.AutoSize = true;
this.button9.BackColor = System.Drawing.SystemColors.ButtonHighlight;
this.button9.Enabled = false;
this.button9.FlatStyle = System.Windows.Forms.FlatStyle.System;
this.button9.Location = new System.Drawing.Point(411, 45);
this.button9.Name = "button9";
this.button9.Size = new System.Drawing.Size(107, 22);
this.button9.TabIndex = 22;

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this.button9.Text = "PARAR";
this.button9.UseVisualStyleBackColor = false;
this.button9.Click += new System.EventHandler(this.button9_Click);
//
// label4
//
this.label4.AutoSize = true;
this.label4.Font = new System.Drawing.Font("Lucida Sans", 8F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)0));
this.label4.Location = new System.Drawing.Point(7, 19);
this.label4.Name = "label4";
this.label4.Size = new System.Drawing.Size(157, 12);
this.label4.TabIndex = 21;
this.label4.Text = "Modo de funcionamiento";
//
// comboBox5
//
this.comboBox5.Font = new System.Drawing.Font("Microsoft Sans Serif", 8.25F,
System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)0));
this.comboBox5.FormattingEnabled = true;
this.comboBox5.Items.AddRange(new object[] {
"Leer etiquetas",
"Control de accesos"});
this.comboBox5.Location = new System.Drawing.Point(9, 44);
this.comboBox5.Name = "comboBox5";
this.comboBox5.Size = new System.Drawing.Size(155, 21);
this.comboBox5.TabIndex = 20;
this.comboBox5.SelectedIndexChanged += new
System.EventHandler(this.comboBox5_SelectedIndexChanged);
//
// dataGridView2
//
this.dataGridView2.AllowUserToAddRows = false;
this.dataGridView2.AllowUserToDeleteRows = false;
this.dataGridView2.AllowUserToResizeColumns = false;
this.dataGridView2.AllowUserToResizeRows = false;
this.dataGridView2.AutoSizeColumnsMode =
System.Windows.Forms.DataGridViewAutoSizeColumnsMode.Fill;
this.dataGridView2.ColumnHeadersHeightSizeMode =
System.Windows.Forms.DataGridViewAutoSizeColumnsMode.AutoSize;
this.dataGridView2.Columns.AddRange(new
System.Windows.Forms.DataGridViewColumn[] {
this.ID,
this.Concepto,
this.Fecha,
this.Hora,
this.Ent_sal,
this.RSSI,
this.Antena,
this.Tipo});
this.dataGridView2.Location = new System.Drawing.Point(7, 104);
this.dataGridView2.Name = "dataGridView2";
this.dataGridView2.ReadOnly = true;
this.dataGridView2.SelectionMode =
System.Windows.Forms.DataGridViewSelectionMode.FullRowSelect;
this.dataGridView2.Size = new System.Drawing.Size(511, 287);
this.dataGridView2.TabIndex = 18;
this.dataGridView2.CellClick += new
System.Windows.Forms.DataGridViewCellEventHandler(this.dataGridView2_CellClick);
//
// ID
//
this.ID.HeaderText = "ID";
this.ID.Name = "ID";
this.ID.ReadOnly = true;
//
// Concepto
//
this.Concepto.HeaderText = "Concepto";
this.Concepto.Name = "Concepto";
this.Concepto.ReadOnly = true;
//
// Fecha
//
this.Fecha.HeaderText = "Fecha";

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```

this.Fecha.Name = "Fecha";
this.Fecha.ReadOnly = true;
//
// Hora
//
this.Hora.HeaderText = "Hora";
this.Hora.Name = "Hora";
this.Hora.ReadOnly = true;
//
// Ent_sal
//
this.Ent_sal.HeaderText = "Ent_sal";
this.Ent_sal.Name = "Ent_sal";
this.Ent_sal.ReadOnly = true;
//
// RSSI
//
this.RSSI.HeaderText = "RSSI";
this.RSSI.Name = "RSSI";
this.RSSI.ReadOnly = true;
//
// Antena
//
this.Antena.HeaderText = "Antena";
this.Antena.Name = "Antena";
this.Antena.ReadOnly = true;
this.Antena.Visible = false;
//
// Tipo
//
this.Tipo.HeaderText = "Tipo";
this.Tipo.Name = "Tipo";
this.Tipo.ReadOnly = true;
this.Tipo.Visible = false;
//
// groupBox1
//
this.groupBox1.Controls.Add(tipoLabel);
this.groupBox1.Controls.Add(this.tipoLabel1);
this.groupBox1.Controls.Add(responsableLabel);
this.groupBox1.Controls.Add(this.responsableLabel1);
this.groupBox1.Controls.Add(departamentoLabel);
this.groupBox1.Controls.Add(this.departamentoLabel1);
this.groupBox1.Controls.Add(localizacionLabel);
this.groupBox1.Controls.Add(this.localizacionLabel1);
this.groupBox1.Controls.Add(this.linkLabel1);
this.groupBox1.Location = new System.Drawing.Point(528, 104);
this.groupBox1.Name = "groupBox1";
this.groupBox1.Size = new System.Drawing.Size(347, 202);
this.groupBox1.TabIndex = 17;
this.groupBox1.TabStop = false;
this.groupBox1.Text = "Detalles";
//
// tipoLabel1
//
this.tipoLabel1.AutoSize = true;
this.tipoLabel1.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.db_CATEC2BindingSource, "Tipo", true));
this.tipoLabel1.Location = new System.Drawing.Point(101, 121);
this.tipoLabel1.Name = "tipoLabel1";
this.tipoLabel1.Size = new System.Drawing.Size(35, 13);
this.tipoLabel1.TabIndex = 12;
this.tipoLabel1.Text = "label3";
//
// db_CATEC2BindingSource
//
this.db_CATEC2BindingSource.DataMember = "db_CATEC2";
this.db_CATEC2BindingSource.DataSource = this.pfc_dbDataSet;
//
// responsableLabel1
//
this.responsableLabel1.AutoSize = true;
this.responsableLabel1.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATEC2BindingSource, "Responsable", true));
this.responsableLabel1.Location = new System.Drawing.Point(101, 85);

```

```

        this.responsableLabel1.Name = "responsableLabel1";
        this.responsableLabel1.Size = new System.Drawing.Size(35, 13);
        this.responsableLabel1.TabIndex = 11;
        this.responsableLabel1.Text = "label3";
        //
        // departamentoLabel1
        //
        this.departamentoLabel1.AutoSize = true;
        this.departamentoLabel1.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATEC2BindingSource, "Departamento",
true));
        this.departamentoLabel1.Location = new System.Drawing.Point(101, 44);
        this.departamentoLabel1.Name = "departamentoLabel1";
        this.departamentoLabel1.Size = new System.Drawing.Size(35, 13);
        this.departamentoLabel1.TabIndex = 10;
        this.departamentoLabel1.Text = "label3";
        //
        // LocalizacionLabel1
        //
        this.LocalizacionLabel1.AutoSize = true;
        this.LocalizacionLabel1.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATEC2BindingSource, "Localizacion",
true));
        this.LocalizacionLabel1.Location = new System.Drawing.Point(101, 155);
        this.LocalizacionLabel1.Name = "LocalizacionLabel1";
        this.LocalizacionLabel1.Size = new System.Drawing.Size(35, 13);
        this.LocalizacionLabel1.TabIndex = 9;
        this.LocalizacionLabel1.Text = "label3";
        //
        // linkLabel1
        //
        this.linkLabel1.AutoSize = true;
        this.linkLabel1.Cursor = System.Windows.Forms.Cursors.Hand;
        this.linkLabel1.Location = new System.Drawing.Point(246, 176);
        this.linkLabel1.Name = "linkLabel1";
        this.linkLabel1.Size = new System.Drawing.Size(95, 13);
        this.linkLabel1.TabIndex = 8;
        this.linkLabel1.TabStop = true;
        this.linkLabel1.Text = "Ver más Detalles...";
        this.linkLabel1.LinkClicked += new
System.Windows.Forms.LinkLabelLinkClickedEventHandler(this.linkLabel1_LinkClicked);
        //
        // tabPage4
        //
        this.tabPage4.AutoScroll = true;
        this.tabPage4.Controls.Add(this.groupBox2);
        this.tabPage4.Location = new System.Drawing.Point(4, 22);
        this.tabPage4.Name = "tabPage4";
        this.tabPage4.Padding = new System.Windows.Forms.Padding(3);
        this.tabPage4.Size = new System.Drawing.Size(878, 495);
        this.tabPage4.TabIndex = 3;
        this.tabPage4.Text = "Gestión de Inventario";
        this.tabPage4.UseVisualStyleBackColor = true;
        //
        // groupBox2
        //
        this.groupBox2.Anchor =
((System.Windows.Forms.AnchorStyles)(((System.Windows.Forms.AnchorStyles.Top |
System.Windows.Forms.AnchorStyles.Bottom)
| System.Windows.Forms.AnchorStyles.Left)
| System.Windows.Forms.AnchorStyles.Right));
        this.groupBox2.Controls.Add(this.comboBox4);
        this.groupBox2.Controls.Add(this.comboBox3);
        this.groupBox2.Controls.Add(this.comboBox2);
        this.groupBox2.Controls.Add(this.comboBox1);
        this.groupBox2.Controls.Add(this.db_CATECDataGridView1);
        this.groupBox2.Location = new System.Drawing.Point(6, 6);
        this.groupBox2.Name = "groupBox2";
        this.groupBox2.Size = new System.Drawing.Size(842, 429);
        this.groupBox2.TabIndex = 0;
        this.groupBox2.TabStop = false;
        this.groupBox2.Text = "Detalle de Inventario";
        //
        // comboBox4
        //

```

```

        this.comboBox4.DataSource = this.localizacionBindingSource;
        this.comboBox4.DisplayMember = "Nombre_Localizacion";
        this.comboBox4.Enabled = false;
        this.comboBox4.FormattingEnabled = true;
        this.comboBox4.Location = new System.Drawing.Point(540, 45);
        this.comboBox4.Name = "comboBox4";
        this.comboBox4.Size = new System.Drawing.Size(165, 21);
        this.comboBox4.TabIndex = 4;
        this.comboBox4.ValueMember = "Nombre_Localizacion";
        this.comboBox4.SelectedIndexChanged += new
System.EventHandler(this.comboBox4_SelectedIndexChanged);
        //
        // comboBox3
        //
        this.comboBox3.DataSource = this.tipoBindingSource;
        this.comboBox3.DisplayMember = "Tipo";
        this.comboBox3.Enabled = false;
        this.comboBox3.FormattingEnabled = true;
        this.comboBox3.Location = new System.Drawing.Point(369, 45);
        this.comboBox3.Name = "comboBox3";
        this.comboBox3.Size = new System.Drawing.Size(165, 21);
        this.comboBox3.TabIndex = 3;
        this.comboBox3.ValueMember = "Tipo";
        this.comboBox3.SelectedIndexChanged += new
System.EventHandler(this.comboBox3_SelectedIndexChanged_1);
        //
        // comboBox2
        //
        this.comboBox2.DataSource = this.departamentosBindingSource;
        this.comboBox2.DisplayMember = "Nombre_Departamento";
        this.comboBox2.Enabled = false;
        this.comboBox2.FormattingEnabled = true;
        this.comboBox2.Location = new System.Drawing.Point(190, 45);
        this.comboBox2.Name = "comboBox2";
        this.comboBox2.Size = new System.Drawing.Size(173, 21);
        this.comboBox2.TabIndex = 2;
        this.comboBox2.ValueMember = "Nombre_Departamento";
        this.comboBox2.SelectedIndexChanged += new
System.EventHandler(this.comboBox2_SelectedIndexChanged);
        //
        // comboBox1
        //
        this.comboBox1.FormattingEnabled = true;
        this.comboBox1.Items.AddRange(new object[] {
"Por Departamento",
"Por Tipo",
"Por Localizacion",
"Mostrar Todo"});
        this.comboBox1.Location = new System.Drawing.Point(7, 45);
        this.comboBox1.Name = "comboBox1";
        this.comboBox1.Size = new System.Drawing.Size(155, 21);
        this.comboBox1.TabIndex = 1;
        this.comboBox1.Text = "Seleccione una Opción";
        this.comboBox1.SelectedIndexChanged += new
System.EventHandler(this.comboBox1_SelectedIndexChanged);
        //
        // db_CATECDataGridView1
        //
        this.db_CATECDataGridView1.AllowUserToAddRows = false;
        this.db_CATECDataGridView1.AllowUserToDeleteRows = false;
        this.db_CATECDataGridView1.AllowUserToOrderColumns = true;
        dataGridViewCellStyle1.BackColor = System.Drawing.Color.LightGray;
        this.db_CATECDataGridView1.AlternatingRowsDefaultCellStyle =
dataGridViewCellStyle1;
        this.db_CATECDataGridView1.Anchor =
((System.Windows.Forms.AnchorStyles)((((System.Windows.Forms.AnchorStyles.Top |
System.Windows.Forms.AnchorStyles.Bottom)
| System.Windows.Forms.AnchorStyles.Left)
| System.Windows.Forms.AnchorStyles.Right)));
        this.db_CATECDataGridView1.AutoGenerateColumns = false;
        this.db_CATECDataGridView1.AutoSizeColumnsMode =
System.Windows.Forms.DataGridViewAutoSizeColumnsMode.AllCells;
        dataGridViewCellStyle2.Alignment =
System.Windows.Forms.DataGridViewContentAlignment.MiddleLeft;
        dataGridViewCellStyle2.BackColor = System.Drawing.SystemColors.Control;

```

```

        dataGridViewCellStyle2.Font = new System.Drawing.Font("Microsoft Sans
Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point,
((byte)(0)));
        dataGridViewCellStyle2.ForeColor = System.Drawing.SystemColors.WindowText;
        dataGridViewCellStyle2.SelectionBackColor =
System.Drawing.SystemColors.Highlight;
        dataGridViewCellStyle2.SelectionForeColor =
System.Drawing.SystemColors.HighlightText;
        dataGridViewCellStyle2.WrapMode =
System.Windows.Forms.DataGridViewTriState.True;
        this.db_CATECDataGridVew1.ColumnHeadersDefaultCellStyle =
dataGridViewCellStyle2;
        this.db_CATECDataGridVew1.ColumnHeadersHeightSizeMode =
System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;
        this.db_CATECDataGridVew1.Columns.AddRange(new
System.Windows.Forms.DataGridViewColumn[] {
            this.iDDataGridViewTextBoxColumn1,
            this.conceptoDataGridViewTextBoxColumn1,
            this.departamentoDataGridViewTextBoxColumn1,
            this.responsableDataGridViewTextBoxColumn1,
            this.tipoDataGridViewTextBoxColumn1,
            this.unidadesDataGridViewTextBoxColumn1,
            this.localizacionDataGridViewTextBoxColumn1,
            this.ultimoUsuarioDataGridViewTextBoxColumn1,
            this.codigoProductoDataGridViewTextBoxColumn1,
            this.historicoIntervencionesDataGridViewTextBoxColumn,
            this.planMantenimientoDataGridViewTextBoxColumn,
            this.fichaMantenimientoDataGridViewTextBoxColumn,
            this.tipoLicenciaDataGridViewTextBoxColumn,
            this.numeroLicenciaDataGridViewTextBoxColumn,
            this.caducidadLicenciaDataGridViewTextBoxColumn,
            this.equipoUsuarioDataGridViewTextBoxColumn,
            this.fechaAltaDataGridViewTextBoxColumn,
            this.fechaBajaDataGridViewTextBoxColumn,
            this.estadoDataGridViewTextBoxColumn,
            this.proveedorDataGridViewTextBoxColumn,
            this.fechaRecepcionDataGridViewTextBoxColumn,
            this.imagenDataGridViewTextBoxColumn,
            this.notasDataGridViewTextBoxColumn});
        this.db_CATECDataGridVew1.DataSource = this.dbCATECBindingSource;
        dataGridViewCellStyle3.Alignment =
System.Windows.Forms.DataGridViewContentAlignment.MiddleLeft;
        dataGridViewCellStyle3.BackColor = System.Drawing.SystemColors.Window;
        dataGridViewCellStyle3.Font = new System.Drawing.Font("Microsoft Sans
Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point,
((byte)(0)));
        dataGridViewCellStyle3.ForeColor = System.Drawing.SystemColors.ControlText;
        dataGridViewCellStyle3.SelectionBackColor =
System.Drawing.SystemColors.Highlight;
        dataGridViewCellStyle3.SelectionForeColor =
System.Drawing.SystemColors.HighlightText;
        dataGridViewCellStyle3.WrapMode =
System.Windows.Forms.DataGridViewTriState.False;
        this.db_CATECDataGridVew1.DefaultCellStyle = dataGridViewCellStyle3;
        this.db_CATECDataGridVew1.Location = new System.Drawing.Point(6, 85);
        this.db_CATECDataGridVew1.Name = "db_CATECDataGridVew1";
        this.db_CATECDataGridVew1.ReadOnly = true;
        dataGridViewCellStyle4.Alignment =
System.Windows.Forms.DataGridViewContentAlignment.MiddleLeft;
        dataGridViewCellStyle4.BackColor = System.Drawing.SystemColors.Control;
        dataGridViewCellStyle4.Font = new System.Drawing.Font("Microsoft Sans
Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point,
((byte)(0)));
        dataGridViewCellStyle4.ForeColor = System.Drawing.SystemColors.WindowText;
        dataGridViewCellStyle4.SelectionBackColor =
System.Drawing.SystemColors.Highlight;
        dataGridViewCellStyle4.SelectionForeColor =
System.Drawing.SystemColors.HighlightText;
        dataGridViewCellStyle4.WrapMode =
System.Windows.Forms.DataGridViewTriState.True;
        this.db_CATECDataGridVew1.RowHeadersDefaultCellStyle =
dataGridViewCellStyle4;
        this.db_CATECDataGridVew1.SelectionMode =
System.Windows.Forms.DataGridViewSelectionMode.FullRowSelect;
        this.db_CATECDataGridVew1.Size = new System.Drawing.Size(830, 338);

```

```

        this.db_CATECDataGridView1.TabIndex = 0;
        this.db_CATECDataGridView1.DoubleClick += new
System.EventHandler(this.db_CATECDataGridView1_DoubleClick);
        //
        // iDDataGridViewTextBoxColumn1
        //
        this.iDDataGridViewTextBoxColumn1.DataPropertyName = "ID";
        this.iDDataGridViewTextBoxColumn1.HeaderText = "ID";
        this.iDDataGridViewTextBoxColumn1.Name = "iDDataGridViewTextBoxColumn1";
        this.iDDataGridViewTextBoxColumn1.ReadOnly = true;
        this.iDDataGridViewTextBoxColumn1.Width = 43;
        //
        // conceptoDataGridViewTextBoxColumn1
        //
        this.conceptoDataGridViewTextBoxColumn1.DataPropertyName = "Concepto";
        this.conceptoDataGridViewTextBoxColumn1.HeaderText = "Concepto";
        this.conceptoDataGridViewTextBoxColumn1.Name =
"conceptoDataGridViewTextBoxColumn1";
        this.conceptoDataGridViewTextBoxColumn1.ReadOnly = true;
        this.conceptoDataGridViewTextBoxColumn1.Width = 78;
        //
        // departamentoDataGridViewTextBoxColumn1
        //
        this.departamentoDataGridViewTextBoxColumn1.DataPropertyName =
"Departamento";
        this.departamentoDataGridViewTextBoxColumn1.HeaderText = "Departamento";
        this.departamentoDataGridViewTextBoxColumn1.Name =
"departamentoDataGridViewTextBoxColumn1";
        this.departamentoDataGridViewTextBoxColumn1.ReadOnly = true;
        this.departamentoDataGridViewTextBoxColumn1.Width = 99;
        //
        // responsableDataGridViewTextBoxColumn1
        //
        this.responsableDataGridViewTextBoxColumn1.DataPropertyName = "Responsable";
        this.responsableDataGridViewTextBoxColumn1.HeaderText = "Responsable";
        this.responsableDataGridViewTextBoxColumn1.Name =
"responsableDataGridViewTextBoxColumn1";
        this.responsableDataGridViewTextBoxColumn1.ReadOnly = true;
        this.responsableDataGridViewTextBoxColumn1.Width = 94;
        //
        // tipoDataGridViewTextBoxColumn1
        //
        this.tipoDataGridViewTextBoxColumn1.DataPropertyName = "Tipo";
        this.tipoDataGridViewTextBoxColumn1.HeaderText = "Tipo";
        this.tipoDataGridViewTextBoxColumn1.Name = "tipoDataGridViewTextBoxColumn1";
        this.tipoDataGridViewTextBoxColumn1.ReadOnly = true;
        this.tipoDataGridViewTextBoxColumn1.Width = 53;
        //
        // unidadesDataGridViewTextBoxColumn1
        //
        this.unidadesDataGridViewTextBoxColumn1.DataPropertyName = "Unidades";
        this.unidadesDataGridViewTextBoxColumn1.HeaderText = "Unidades";
        this.unidadesDataGridViewTextBoxColumn1.Name =
"unidadesDataGridViewTextBoxColumn1";
        this.unidadesDataGridViewTextBoxColumn1.ReadOnly = true;
        this.unidadesDataGridViewTextBoxColumn1.Width = 77;
        //
        // localizacionDataGridViewTextBoxColumn1
        //
        this.localizacionDataGridViewTextBoxColumn1.DataPropertyName =
"Localizacion";
        this.localizacionDataGridViewTextBoxColumn1.HeaderText = "Localizacion";
        this.localizacionDataGridViewTextBoxColumn1.Name =
"localizacionDataGridViewTextBoxColumn1";
        this.localizacionDataGridViewTextBoxColumn1.ReadOnly = true;
        this.localizacionDataGridViewTextBoxColumn1.Width = 91;
        //
        // ultimoUsuarioDataGridViewTextBoxColumn1
        //
        this.ultimoUsuarioDataGridViewTextBoxColumn1.DataPropertyName =
"Ultimo_Usuario";
        this.ultimoUsuarioDataGridViewTextBoxColumn1.HeaderText = "Ultimo_Usuario";
        this.ultimoUsuarioDataGridViewTextBoxColumn1.Name =
"ultimoUsuarioDataGridViewTextBoxColumn1";
        this.ultimoUsuarioDataGridViewTextBoxColumn1.ReadOnly = true;

```



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        this.ultimoUsuarioDataGridViewTextBoxColumn1.Width = 103;
        //
        // codigoProductoDataGridViewTextBoxColumn1
        //
        this.codigoProductoDataGridViewTextBoxColumn1.DataPropertyName =
"Codigo_Producto";
        this.codigoProductoDataGridViewTextBoxColumn1.HeaderText =
"Codigo_Producto";
        this.codigoProductoDataGridViewTextBoxColumn1.Name =
"codigoProductoDataGridViewTextBoxColumn1";
        this.codigoProductoDataGridViewTextBoxColumn1.ReadOnly = true;
        this.codigoProductoDataGridViewTextBoxColumn1.Width = 114;
        //
        // historicoIntervencionesDataGridViewTextBoxColumn
        //
        this.historicoIntervencionesDataGridViewTextBoxColumn.DataPropertyName =
"Historico_Intervenciones";
        this.historicoIntervencionesDataGridViewTextBoxColumn.HeaderText =
"Historico_Intervenciones";
        this.historicoIntervencionesDataGridViewTextBoxColumn.Name =
"historicoIntervencionesDataGridViewTextBoxColumn";
        this.historicoIntervencionesDataGridViewTextBoxColumn.ReadOnly = true;
        this.historicoIntervencionesDataGridViewTextBoxColumn.Width = 149;
        //
        // planMantenimientoDataGridViewTextBoxColumn
        //
        this.planMantenimientoDataGridViewTextBoxColumn.DataPropertyName =
"Plan_Mantenimiento";
        this.planMantenimientoDataGridViewTextBoxColumn.HeaderText =
"Plan_Mantenimiento";
        this.planMantenimientoDataGridViewTextBoxColumn.Name =
"planMantenimientoDataGridViewTextBoxColumn";
        this.planMantenimientoDataGridViewTextBoxColumn.ReadOnly = true;
        this.planMantenimientoDataGridViewTextBoxColumn.Width = 128;
        //
        // fichaMantenimientoDataGridViewTextBoxColumn
        //
        this.fichaMantenimientoDataGridViewTextBoxColumn.DataPropertyName =
"Ficha_Mantenimiento";
        this.fichaMantenimientoDataGridViewTextBoxColumn.HeaderText =
"Ficha_Mantenimiento";
        this.fichaMantenimientoDataGridViewTextBoxColumn.Name =
"fichaMantenimientoDataGridViewTextBoxColumn";
        this.fichaMantenimientoDataGridViewTextBoxColumn.ReadOnly = true;
        this.fichaMantenimientoDataGridViewTextBoxColumn.Width = 133;
        //
        // tipoLicenciaDataGridViewTextBoxColumn
        //
        this.tipoLicenciaDataGridViewTextBoxColumn.DataPropertyName =
"Tipo_Licencia";
        this.tipoLicenciaDataGridViewTextBoxColumn.HeaderText = "Tipo_Licencia";
        this.tipoLicenciaDataGridViewTextBoxColumn.Name =
"tipoLicenciaDataGridViewTextBoxColumn";
        this.tipoLicenciaDataGridViewTextBoxColumn.ReadOnly = true;
        this.tipoLicenciaDataGridViewTextBoxColumn.Width = 99;
        //
        // numeroLicenciaDataGridViewTextBoxColumn
        //
        this.numeroLicenciaDataGridViewTextBoxColumn.DataPropertyName =
"Numero_Licencia";
        this.numeroLicenciaDataGridViewTextBoxColumn.HeaderText = "Numero_Licencia";
        this.numeroLicenciaDataGridViewTextBoxColumn.Name =
"numeroLicenciaDataGridViewTextBoxColumn";
        this.numeroLicenciaDataGridViewTextBoxColumn.ReadOnly = true;
        this.numeroLicenciaDataGridViewTextBoxColumn.Width = 115;
        //
        // caducidadLicenciaDataGridViewTextBoxColumn
        //
        this.caducidadLicenciaDataGridViewTextBoxColumn.DataPropertyName =
"Caducidad_Licencia";
        this.caducidadLicenciaDataGridViewTextBoxColumn.HeaderText =
"Caducidad_Licencia";
        this.caducidadLicenciaDataGridViewTextBoxColumn.Name =
"caducidadLicenciaDataGridViewTextBoxColumn";
        this.caducidadLicenciaDataGridViewTextBoxColumn.ReadOnly = true;

```



```

        this.caducidadLicenciaDataGridViewTextBoxColumn.Width = 129;
        //
        // equipoUsuarioDataGridViewTextBoxColumn
        //
        this.equipoUsuarioDataGridViewTextBoxColumn.DataPropertyName =
"Equipo_Usuario";
        this.equipoUsuarioDataGridViewTextBoxColumn.HeaderText = "Equipo_Usuario";
        this.equipoUsuarioDataGridViewTextBoxColumn.Name =
"equipoUsuarioDataGridViewTextBoxColumn";
        this.equipoUsuarioDataGridViewTextBoxColumn.ReadOnly = true;
        this.equipoUsuarioDataGridViewTextBoxColumn.Width = 107;
        //
        // fechaAltaDataGridViewTextBoxColumn
        //
        this.fechaAltaDataGridViewTextBoxColumn.DataPropertyName = "Fecha_Alta";
        this.fechaAltaDataGridViewTextBoxColumn.HeaderText = "Fecha_Alta";
        this.fechaAltaDataGridViewTextBoxColumn.Name =
"fechaAltaDataGridViewTextBoxColumn";
        this.fechaAltaDataGridViewTextBoxColumn.ReadOnly = true;
        this.fechaAltaDataGridViewTextBoxColumn.Width = 86;
        //
        // fechaBajaDataGridViewTextBoxColumn
        //
        this.fechaBajaDataGridViewTextBoxColumn.DataPropertyName = "Fecha_Baja";
        this.fechaBajaDataGridViewTextBoxColumn.HeaderText = "Fecha_Baja";
        this.fechaBajaDataGridViewTextBoxColumn.Name =
"fechaBajaDataGridViewTextBoxColumn";
        this.fechaBajaDataGridViewTextBoxColumn.ReadOnly = true;
        this.fechaBajaDataGridViewTextBoxColumn.Width = 89;
        //
        // estadoDataGridViewTextBoxColumn
        //
        this.estadoDataGridViewTextBoxColumn.DataPropertyName = "Estado";
        this.estadoDataGridViewTextBoxColumn.HeaderText = "Estado";
        this.estadoDataGridViewTextBoxColumn.Name =
"estadoDataGridViewTextBoxColumn";
        this.estadoDataGridViewTextBoxColumn.ReadOnly = true;
        this.estadoDataGridViewTextBoxColumn.Width = 65;
        //
        // proveedorDataGridViewTextBoxColumn
        //
        this.proveedorDataGridViewTextBoxColumn.DataPropertyName = "Proveedor";
        this.proveedorDataGridViewTextBoxColumn.HeaderText = "Proveedor";
        this.proveedorDataGridViewTextBoxColumn.Name =
"proveedorDataGridViewTextBoxColumn";
        this.proveedorDataGridViewTextBoxColumn.ReadOnly = true;
        this.proveedorDataGridViewTextBoxColumn.Width = 81;
        //
        // fechaRecepcionDataGridViewTextBoxColumn
        //
        this.fechaRecepcionDataGridViewTextBoxColumn.DataPropertyName =
"Fecha_Recepcion";
        this.fechaRecepcionDataGridViewTextBoxColumn.HeaderText = "Fecha_Recepcion";
        this.fechaRecepcionDataGridViewTextBoxColumn.Name =
"fechaRecepcionDataGridViewTextBoxColumn";
        this.fechaRecepcionDataGridViewTextBoxColumn.ReadOnly = true;
        this.fechaRecepcionDataGridViewTextBoxColumn.Width = 120;
        //
        // imagenDataGridViewTextBoxColumn
        //
        this.imagenDataGridViewTextBoxColumn.DataPropertyName = "Imagen";
        this.imagenDataGridViewTextBoxColumn.HeaderText = "Imagen";
        this.imagenDataGridViewTextBoxColumn.Name =
"imagenDataGridViewTextBoxColumn";
        this.imagenDataGridViewTextBoxColumn.ReadOnly = true;
        this.imagenDataGridViewTextBoxColumn.Width = 67;
        //
        // notasDataGridViewTextBoxColumn
        //
        this.notasDataGridViewTextBoxColumn.DataPropertyName = "Notas";
        this.notasDataGridViewTextBoxColumn.HeaderText = "Notas";
        this.notasDataGridViewTextBoxColumn.Name = "notasDataGridViewTextBoxColumn";
        this.notasDataGridViewTextBoxColumn.ReadOnly = true;
        this.notasDataGridViewTextBoxColumn.Width = 60;
        //

```

```

// tabPage5
//
this.tabPage5.AutoScroll = true;
this.tabPage5.Controls.Add(this.label6);
this.tabPage5.Controls.Add(this.registro_usoDataGridView);
this.tabPage5.Controls.Add(this.label3);
this.tabPage5.Controls.Add(this.dataGridView3);
this.tabPage5.Controls.Add(this.dataGridView1);
this.tabPage5.Location = new System.Drawing.Point(4, 22);
this.tabPage5.Name = "tabPage5";
this.tabPage5.Padding = new System.Windows.Forms.Padding(3);
this.tabPage5.Size = new System.Drawing.Size(878, 495);
this.tabPage5.TabIndex = 4;
this.tabPage5.Text = "Registro de uso";
this.tabPage5.UseVisualStyleBackColor = true;
//
// label6
//
this.label6.AutoSize = true;
this.label6.Font = new System.Drawing.Font("Georgia", 9.75F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)0));
this.label6.Location = new System.Drawing.Point(275, 202);
this.label6.Name = "label6";
this.label6.Size = new System.Drawing.Size(321, 16);
this.label6.TabIndex = 15;
this.label6.Text = "REGISTRO USO DE EQUIPOS DE MEDICIÓN";
//
// registro_usoDataGridView
//
this.registro_usoDataGridView.AllowUserToAddRows = false;
this.registro_usoDataGridView.AllowUserToDeleteRows = false;
this.registro_usoDataGridView.AutoGenerateColumns = false;
this.registro_usoDataGridView.AutoSizeColumnsMode =
System.Windows.Forms.DataGridViewAutoSizeColumnsMode.Fill;
this.registro_usoDataGridView.ColumnHeadersHeightSizeMode =
System.Windows.Forms.DataGridViewAutoSizeColumnsMode.AutoSize;
this.registro_usoDataGridView.Columns.AddRange(new
System.Windows.Forms.DataGridViewColumn[] {
this.dataGridViewTextBoxColumn2,
this.dataGridViewTextBoxColumn5,
this.dataGridViewTextBoxColumn7,
this.dataGridViewTextBoxColumn8});
this.registro_usoDataGridView.DataSource = this.registro_usoBindingSource;
this.registro_usoDataGridView.Location = new System.Drawing.Point(71, 231);
this.registro_usoDataGridView.Name = "registro_usoDataGridView";
this.registro_usoDataGridView.ReadOnly = true;
this.registro_usoDataGridView.Size = new System.Drawing.Size(737, 223);
this.registro_usoDataGridView.TabIndex = 14;
//
// dataGridViewTextBoxColumn2
//
this.dataGridViewTextBoxColumn2.DataPropertyName = "Equipo";
this.dataGridViewTextBoxColumn2.HeaderText = "Equipo";
this.dataGridViewTextBoxColumn2.Name = "dataGridViewTextBoxColumn2";
this.dataGridViewTextBoxColumn2.ReadOnly = true;
//
// dataGridViewTextBoxColumn5
//
this.dataGridViewTextBoxColumn5.DataPropertyName = "Usuario";
this.dataGridViewTextBoxColumn5.HeaderText = "Usuario";
this.dataGridViewTextBoxColumn5.Name = "dataGridViewTextBoxColumn5";
this.dataGridViewTextBoxColumn5.ReadOnly = true;
//
// dataGridViewTextBoxColumn7
//
this.dataGridViewTextBoxColumn7.DataPropertyName = "Disponibilidad";
this.dataGridViewTextBoxColumn7.HeaderText = "Disponibilidad";
this.dataGridViewTextBoxColumn7.Name = "dataGridViewTextBoxColumn7";
this.dataGridViewTextBoxColumn7.ReadOnly = true;
//
// dataGridViewTextBoxColumn8
//
this.dataGridViewTextBoxColumn8.DataPropertyName = "Fecha";
this.dataGridViewTextBoxColumn8.HeaderText = "Fecha";
this.dataGridViewTextBoxColumn8.Name = "dataGridViewTextBoxColumn8";

```

```

        this.dataGridViewTextBoxColumn8.ReadOnly = true;
        //
        // registro_usoBindingSource
        //
        this.registro_usoBindingSource.DataMember = "Registro_uso";
        this.registro_usoBindingSource.DataSource = this.pfc_dbDataSet;
        //
        // label3
        //
        this.label3.AutoSize = true;
        this.label3.Font = new System.Drawing.Font("Lucida Sans", 10F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)0));
        this.label3.Location = new System.Drawing.Point(68, 467);
        this.label3.Name = "label3";
        this.label3.Size = new System.Drawing.Size(163, 16);
        this.label3.TabIndex = 14;
        this.label3.Text = "Registro actualizado:";
        //
        // dataGridView3
        //
        this.dataGridView3.AllowUserToAddRows = false;
        this.dataGridView3.AllowUserToDeleteRows = false;
        this.dataGridView3.ColumnHeadersHeightSizeMode =
System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;
        this.dataGridView3.Columns.AddRange(new
System.Windows.Forms.DataGridViewColumn[] {
            this.Column1,
            this.Column4,
            this.Column2,
            this.Column3,
            this.Column5});
        this.dataGridView3.Location = new System.Drawing.Point(6, 24);
        this.dataGridView3.Name = "dataGridView3";
        this.dataGridView3.ReadOnly = true;
        this.dataGridView3.Size = new System.Drawing.Size(444, 159);
        this.dataGridView3.TabIndex = 2;
        //
        // Column1
        //
        this.Column1.HeaderText = "Concepto";
        this.Column1.Name = "Column1";
        this.Column1.ReadOnly = true;
        //
        // Column4
        //
        this.Column4.HeaderText = "Ent_Sal";
        this.Column4.Name = "Column4";
        this.Column4.ReadOnly = true;
        //
        // Column2
        //
        this.Column2.HeaderText = "Fecha";
        this.Column2.Name = "Column2";
        this.Column2.ReadOnly = true;
        //
        // Column3
        //
        this.Column3.HeaderText = "Hora";
        this.Column3.Name = "Column3";
        this.Column3.ReadOnly = true;
        //
        // Column5
        //
        this.Column5.HeaderText = "Tipo";
        this.Column5.Name = "Column5";
        this.Column5.ReadOnly = true;
        this.Column5.Visible = false;
        //
        // dataGridView1
        //
        this.dataGridView1.AllowUserToAddRows = false;
        this.dataGridView1.AllowUserToDeleteRows = false;
        this.dataGridView1.AllowUserToOrderColumns = true;
        this.dataGridView1.AutoSizeColumnsMode =
System.Windows.Forms.DataGridViewAutoSizeColumnsMode.Fill;

```

```

        this.dataGridView1.ColumnHeadersHeightSizeMode =
System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;
        this.dataGridView1.Columns.AddRange(new
System.Windows.Forms.DataGridViewColumn[] {
            this.Equipo,
            this.Trabajador,
            this.Estado,
            this.Column6,
            this.Column7});
        this.dataGridView1.Location = new System.Drawing.Point(470, 24);
        this.dataGridView1.Name = "dataGridView1";
        this.dataGridView1.ReadOnly = true;
        this.dataGridView1.RowTemplate.Resizable =
System.Windows.Forms.DataGridViewTriState.False;
        this.dataGridView1.Size = new System.Drawing.Size(391, 159);
        this.dataGridView1.TabIndex = 1;
        //
        // Equipo
        //
        this.Equipo.HeaderText = "Equipo";
        this.Equipo.Name = "Equipo";
        this.Equipo.ReadOnly = true;
        //
        // Trabajador
        //
        this.Trabajador.HeaderText = "Trabajador";
        this.Trabajador.Name = "Trabajador";
        this.Trabajador.ReadOnly = true;
        //
        // Estado
        //
        this.Estado.HeaderText = "Estado";
        this.Estado.Name = "Estado";
        this.Estado.ReadOnly = true;
        //
        // Column6
        //
        this.Column6.HeaderText = "Fecha";
        this.Column6.Name = "Column6";
        this.Column6.ReadOnly = true;
        //
        // Column7
        //
        this.Column7.HeaderText = "Hora";
        this.Column7.Name = "Column7";
        this.Column7.ReadOnly = true;
        //
        // departamentos2BindingSource
        //
        this.departamentos2BindingSource.DataMember = "Departamentos2";
        this.departamentos2BindingSource.DataSource = this.pfc_dbDataSet;
        //
        // tipo2BindingSource
        //
        this.tipo2BindingSource.DataMember = "Tipo2";
        this.tipo2BindingSource.DataSource = this.pfc_dbDataSet;
        //
        // Temporizador
        //
        this.Temporizador.Interval = 100000;
        this.Temporizador.Tick += new System.EventHandler(this.Temporizador_Tick);
        //
        // TemporizadorTest
        //
        this.TemporizadorTest.Interval = 1000;
        this.TemporizadorTest.Tick += new
System.EventHandler(this.TemporizadorTest_Tick);
        //
        // iDDataGridViewTextBoxColumn
        //
        this.iDDataGridViewTextBoxColumn.DataPropertyName = "ID";
        this.iDDataGridViewTextBoxColumn.HeaderText = "ID";
        this.iDDataGridViewTextBoxColumn.Name = "iDDataGridViewTextBoxColumn";
        this.iDDataGridViewTextBoxColumn.Width = 43;
        //

```

```

        // conceptoDataGridViewTextBoxColumn
        //
        this.conceptoDataGridViewTextBoxColumn.DataPropertyName = "Concepto";
        this.conceptoDataGridViewTextBoxColumn.HeaderText = "Concepto";
        this.conceptoDataGridViewTextBoxColumn.Name =
"conceptoDataGridViewTextBoxColumn";
        this.conceptoDataGridViewTextBoxColumn.Width = 78;
        //
        // departamentoDataGridViewTextBoxColumn
        //
        this.departamentoDataGridViewTextBoxColumn.DataPropertyName =
"Departamento";
        this.departamentoDataGridViewTextBoxColumn.HeaderText = "Departamento";
        this.departamentoDataGridViewTextBoxColumn.Name =
"departamentoDataGridViewTextBoxColumn";
        this.departamentoDataGridViewTextBoxColumn.Width = 99;
        //
        // responsableDataGridViewTextBoxColumn
        //
        this.responsableDataGridViewTextBoxColumn.DataPropertyName = "Responsable";
        this.responsableDataGridViewTextBoxColumn.HeaderText = "Responsable";
        this.responsableDataGridViewTextBoxColumn.Name =
"responsableDataGridViewTextBoxColumn";
        this.responsableDataGridViewTextBoxColumn.Width = 94;
        //
        // tipoDataGridViewTextBoxColumn
        //
        this.tipoDataGridViewTextBoxColumn.DataPropertyName = "Tipo";
        this.tipoDataGridViewTextBoxColumn.HeaderText = "Tipo";
        this.tipoDataGridViewTextBoxColumn.Name = "tipoDataGridViewTextBoxColumn";
        this.tipoDataGridViewTextBoxColumn.Width = 53;
        //
        // unidadesDataGridViewTextBoxColumn
        //
        this.unidadesDataGridViewTextBoxColumn.DataPropertyName = "Unidades";
        this.unidadesDataGridViewTextBoxColumn.HeaderText = "Unidades";
        this.unidadesDataGridViewTextBoxColumn.Name =
"unidadesDataGridViewTextBoxColumn";
        this.unidadesDataGridViewTextBoxColumn.Width = 77;
        //
        // LocalizacionDataGridViewTextBoxColumn
        //
        this.LocalizacionDataGridViewTextBoxColumn.DataPropertyName =
"Localizacion";
        this.LocalizacionDataGridViewTextBoxColumn.HeaderText = "Localizacion";
        this.LocalizacionDataGridViewTextBoxColumn.Name =
"LocalizacionDataGridViewTextBoxColumn";
        this.LocalizacionDataGridViewTextBoxColumn.Width = 91;
        //
        // ultimoUsuarioDataGridViewTextBoxColumn
        //
        this.ultimoUsuarioDataGridViewTextBoxColumn.DataPropertyName =
"Ultimo_Usuario";
        this.ultimoUsuarioDataGridViewTextBoxColumn.HeaderText = "Ultimo_Usuario";
        this.ultimoUsuarioDataGridViewTextBoxColumn.Name =
"ultimoUsuarioDataGridViewTextBoxColumn";
        this.ultimoUsuarioDataGridViewTextBoxColumn.Width = 103;
        //
        // codigoProductoDataGridViewTextBoxColumn
        //
        this.codigoProductoDataGridViewTextBoxColumn.DataPropertyName =
"Codigo_Producto";
        this.codigoProductoDataGridViewTextBoxColumn.HeaderText = "Codigo_Producto";
        this.codigoProductoDataGridViewTextBoxColumn.Name =
"codigoProductoDataGridViewTextBoxColumn";
        this.codigoProductoDataGridViewTextBoxColumn.Width = 114;
        //
        // errorProvider1
        //
        this.errorProvider1.ContainerControl = this;
        //
        // Timer_modos_leer
        //
        this.Timer_modos_leer.Interval = 5000;

```

```

        this.Timer_modo_leer.Tick += new
System.EventHandler(this.Timer_modo_leer_Tick);
//
// tim_registro
//
this.tim_registro.Interval = 30000;
this.tim_registro.Tick += new System.EventHandler(this.tim_registro_Tick);
//
// localizacion2BindingSource
//
this.localizacion2BindingSource.DataMember = "Localizacion2";
this.localizacion2BindingSource.DataSource = this.pfc_dbDataSet;
//
// db_CATEC3BindingSource
//
this.db_CATEC3BindingSource.DataMember = "db_CATEC3";
this.db_CATEC3BindingSource.DataSource = this.pfc_dbDataSet;
//
// db_CATECTableAdapter
//
this.db_CATECTableAdapter.ClearBeforeFill = true;
//
// departamentosTableAdapter
//
this.departamentosTableAdapter.ClearBeforeFill = true;
//
// tipoTableAdapter
//
this.tipoTableAdapter.ClearBeforeFill = true;
//
// localizacionTableAdapter
//
this.localizacionTableAdapter.ClearBeforeFill = true;
//
// db_CATEC2TableAdapter
//
this.db_CATEC2TableAdapter.ClearBeforeFill = true;
//
// db_CATEC3TableAdapter
//
this.db_CATEC3TableAdapter.ClearBeforeFill = true;
//
// tableAdapterManager
//
this.tableAdapterManager.BackupDataSetBeforeUpdate = false;
this.tableAdapterManager.db_CATEC_cortoTableAdapter =
this.db_CATEC_cortoTableAdapter;
this.tableAdapterManager.db_CATEC_XTableAdapter = null;
this.tableAdapterManager.db_CATEC2_XTableAdapter = null;
this.tableAdapterManager.db_CATEC2TableAdapter = this.db_CATEC2TableAdapter;
this.tableAdapterManager.db_CATEC3_XTableAdapter = null;
this.tableAdapterManager.db_CATEC3TableAdapter = this.db_CATEC3TableAdapter;
this.tableAdapterManager.db_CATECTableAdapter = this.db_CATECTableAdapter;
this.tableAdapterManager.Departamentos_XTableAdapter = null;
this.tableAdapterManager.Departamentos2_XTableAdapter = null;
this.tableAdapterManager.Departamentos2TableAdapter =
this.departamentos2TableAdapter;
this.tableAdapterManager.DepartamentosTableAdapter =
this.departamentosTableAdapter;
this.tableAdapterManager.Localizacion_XTableAdapter = null;
this.tableAdapterManager.Localizacion2_XTableAdapter = null;
this.tableAdapterManager.Localizacion2TableAdapter =
this.localizacion2TableAdapter;
this.tableAdapterManager.LocalizacionTableAdapter =
this.localizacionTableAdapter;
this.tableAdapterManager.Registro_usoTableAdapter =
this.registro_usoTableAdapter;
this.tableAdapterManager.Tipo_XTableAdapter = null;
this.tableAdapterManager.Tipo2_XTableAdapter = null;
this.tableAdapterManager.Tipo2TableAdapter = this.tipo2TableAdapter;
this.tableAdapterManager.TipoTableAdapter = this.tipoTableAdapter;
this.tableAdapterManager.UpdateOrder =
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TableAdapterManager.UpdateOrderOption.Insert
UpdateDelete;
//

```

```

// db_CATEC_cortoTableAdapter
//
this.db_CATEC_cortoTableAdapter.ClearBeforeFill = true;
//
// departamentos2TableAdapter
//
this.departamentos2TableAdapter.ClearBeforeFill = true;
//
// localizacion2TableAdapter
//
this.localizacion2TableAdapter.ClearBeforeFill = true;
//
// registro_usoTableAdapter
//
this.registro_usoTableAdapter.ClearBeforeFill = true;
//
// tipo2TableAdapter
//
this.tipo2TableAdapter.ClearBeforeFill = true;
//
// db_CATEC_cortoBindingSource
//
this.db_CATEC_cortoBindingSource.DataMember = "db_CATEC_corto";
this.db_CATEC_cortoBindingSource.DataSource = this.pfc_dbDataSet;
//
// pictureBox2
//
this.pictureBox2.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Left)));
this.pictureBox2.BackgroundImageLayout =
System.Windows.Forms.ImageLayout.None;
this.pictureBox2.Enabled = false;
this.pictureBox2.Image =
((System.Drawing.Image)(resources.GetObject("pictureBox2.Image")));
this.pictureBox2.InitialImage =
((System.Drawing.Image)(resources.GetObject("pictureBox2.InitialImage")));
this.pictureBox2.Location = new System.Drawing.Point(12, 552);
this.pictureBox2.Name = "pictureBox2";
this.pictureBox2.Size = new System.Drawing.Size(179, 64);
this.pictureBox2.SizeMode =
System.Windows.Forms.PictureBoxSizeMode.StretchImage;
this.pictureBox2.TabIndex = 17;
this.pictureBox2.TabStop = false;
//
// Form1
//
this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
this.BackColor = System.Drawing.SystemColors.ButtonFace;
this.BackgroundImageLayout = System.Windows.Forms.ImageLayout.None;
this.ClientSize = new System.Drawing.Size(918, 636);
this.Controls.Add(this.pictureBox2);
this.Controls.Add(this.tabControl1);
this.Controls.Add(this.pictureBox1);
this.Cursor = System.Windows.Forms.Cursors.Arrow;
this.FormBorderStyle = System.Windows.Forms.FormBorderStyle.FixedSingle;
this.Name = "Form1";
this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
this.Text = "APLICACIÓN RFID CATEC -Dpto. Automatización y Robótica -";
this.Load += new System.EventHandler(this.Form1_Load);
((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).EndInit();
this.tabControl1.ResumeLayout(false);
this.tabPage1.ResumeLayout(false);
this.tabPage1.PerformLayout();
this.tabPage2.ResumeLayout(false);
this.groupBox3.ResumeLayout(false);
this.groupBox3.PerformLayout();

((System.ComponentModel.ISupportInitialize)(this.unidadesnumericUpDown)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.tipoBindingSource)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.pfc_dbDataSet)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.departamentosBindingSource)).EndInit();

```



```

((System.ComponentModel.ISupportInitialize)(this.localizacionBindingSource)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.dbCATECBindingSource)).EndInit();
this.tabPage3.ResumeLayout(false);
this.tabPage3.PerformLayout();
((System.ComponentModel.ISupportInitialize)(this.numericUpDown2)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.dataGridView2)).EndInit();
this.groupBox1.ResumeLayout(false);
this.groupBox1.PerformLayout();

((System.ComponentModel.ISupportInitialize)(this.db_CATEC2BindingSource)).EndInit();
this.tabPage4.ResumeLayout(false);
this.groupBox2.ResumeLayout(false);

((System.ComponentModel.ISupportInitialize)(this.db_CATECDataGridView1)).EndInit();
this.tabPage5.ResumeLayout(false);
this.tabPage5.PerformLayout();

((System.ComponentModel.ISupportInitialize)(this.registro_usoDataGridView)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.registro_usoBindingSource)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.dataGridView3)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.dataGridView1)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.departamentos2BindingSource)).EndInit();
;

((System.ComponentModel.ISupportInitialize)(this.tipo2BindingSource)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.errorProvider1)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.localizacion2BindingSource)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.db_CATEC3BindingSource)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.db_CATEC_cortoBindingSource)).EndInit();
;
((System.ComponentModel.ISupportInitialize)(this.pictureBox2)).EndInit();
this.ResumeLayout(false);
}

#endregion

private System.Windows.Forms.Button leer;
private System.Windows.Forms.PictureBox pictureBox1;
private System.Windows.Forms.Label label1;
private System.Windows.Forms.Button button3;
private System.Windows.Forms.Label label2;
private System.Windows.Forms.Button button4;
private System.Windows.Forms.TabControl tabControl1;
private System.Windows.Forms.TabPage tabPage1;
private System.Windows.Forms.TabPage tabPage2;
private System.Windows.Forms.TabPage tabPage3;
private System.Windows.Forms.GroupBox groupBox1;
private System.Windows.Forms.LinkLabel linkLabel1;
private System.Windows.Forms.TabPage tabPage4;
private System.Windows.Forms.GroupBox groupBox2;
private System.Windows.Forms.DataGrid db_CATECDataGridView1;
private pfc_dbDataSet pfc_dbDataSet;
private System.Windows.Forms.BindingSource dbCATECBindingSource;

//Aqui esta cambiado
//private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATECTableAdapter1
db_CATECTableAdapter1;
private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATECTableAdapter
db_CATECTableAdapter;
private System.Windows.Forms.DataGridTextBoxColumn
codigoCATECDataGridViewTextBoxColumn;
private System.Windows.Forms.DataGridTextBoxColumn
equipoUsuarioasociadoDataGridViewTextBoxColumn;
private System.Windows.Forms.ComboBox comboBox1;
private System.Windows.Forms.ComboBox comboBox2;
private System.Windows.Forms.BindingSource departamentosBindingSource;

```



```

        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.DepartamentosTableAdapter
departamentosTableAdapter;
        private System.Windows.Forms.ComboBox comboBox3;
        private System.Windows.Forms.ComboBox comboBox4;
        private System.Windows.Forms.BindingSource tipoBindingSource;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TipoTableAdapter
tipoTableAdapter;
        private System.Windows.Forms.BindingSource localizacionBindingSource;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.LocalizacionTableAdapter
localizacionTableAdapter;
        private System.Windows.Forms.Timer Temporizador;
        private System.Windows.Forms.DataGridView dataGridView2;
        private System.Windows.Forms.BindingSource db_CATEC2BindingSource;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATEC2TableAdapter
db_CATEC2TableAdapter;
        private System.Windows.Forms.Label departamentoLabel1;
        private System.Windows.Forms.Label localizacionLabel1;
        private System.Windows.Forms.Label tipoLabel1;
        private System.Windows.Forms.Label responsableLabel1;
        private System.Windows.Forms.GroupBox groupBox3;
        private System.Windows.Forms.TextBox conceptoTextBox;
        private System.Windows.Forms.ComboBox departamentoComboBox;
        private System.Windows.Forms.TextBox responsableTextBox;
        private System.Windows.Forms.ComboBox tipoComboBox;
        private System.Windows.Forms.TextBox ultimo_UsuarioTextBox;
        private System.Windows.Forms.TextBox codigo_ProductoTextBox;
        private System.Windows.Forms.TextBox codigo_CATECTextBox;
        private System.Windows.Forms.TextBox historico_IntervencionesTextBox;
        private System.Windows.Forms.TextBox plan_MantenimientoTextBox;
        private System.Windows.Forms.TextBox ficha_MantenimientoTextBox;
        private System.Windows.Forms.TextBox tipo_LicenciaTextBox;
        private System.Windows.Forms.TextBox numero_LicenciaTextBox;
        private System.Windows.Forms.TextBox caducidad_LicenciaTextBox;
        private System.Windows.Forms.TextBox equipo_Usuario_asociadoTextBox;
        private System.Windows.Forms.DateTimePicker fecha_AltaDateTimePicker;
        private System.Windows.Forms.DateTimePicker fecha_BajaDateTimePicker;
        private System.Windows.Forms.TextBox estadoTextBox;
        private System.Windows.Forms.TextBox proveedorTextBox;
        private System.Windows.Forms.DateTimePicker fecha_RecepcionDateTimePicker;
        private System.Windows.Forms.TextBox imagenTextBox;
        private System.Windows.Forms.TextBox notasTextBox;
        private System.Windows.Forms.ComboBox localizacioncomboBox;
        private System.Windows.Forms.Button button6;
        private System.Windows.Forms.Button button5;
        private System.Windows.Forms.BindingSource db_CATEC3BindingSource;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATEC3TableAdapter
db_CATEC3TableAdapter;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TableAdapterManager
tableAdapterManager;
        private System.Windows.Forms.Button button7;
        private System.Windows.Forms.Label codigoLabel1;
        private System.Windows.Forms.MaskedTextBox IDTextBox;
        private System.Windows.Forms.Label codigoLabel2;
        private System.Windows.Forms.NumericUpDown unidadesnumericUpDown;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Departamentos2TableAdapter
departamentos2TableAdapter;
        private System.Windows.Forms.BindingSource departamentos2BindingSource;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Tipo2TableAdapter
tipo2TableAdapter;
        private System.Windows.Forms.BindingSource tipo2BindingSource;
        private System.Windows.Forms.Timer TemporizadorTest;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Localizacion2TableAdapter
localizacion2TableAdapter;
        private System.Windows.Forms.BindingSource localizacion2BindingSource;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATEC_cortoTableAdapter
db_CATEC_cortoTableAdapter;
        private System.Windows.Forms.BindingSource db_CATEC_cortoBindingSource;
        private System.Windows.Forms.LinkLabel linkLabel4;
        private System.Windows.Forms.LinkLabel linkLabel3;
        private System.Windows.Forms.LinkLabel linkLabel2;
        private System.IO.Ports.SerialPort serialPort1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
iddDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
conceptoDataGridViewTextBoxColumn;

```

```

        private System.Windows.Forms.DataGridViewTextBoxColumn
departamentoDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
responsableDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
tipoDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
unidadesDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
LocalizacionDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
ultimoUsuarioDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
codigoProductoDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
idDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
conceptoDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
departamentoDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
responsableDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
tipoDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
unidadesDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
localizacionDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
ultimoUsuarioDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
codigoProductoDataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
codigoCatecDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
historicoIntervencionesDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
planMantenimientoDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
fichaMantenimientoDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
tipoLicenciaDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
numeroLicenciaDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
caducidadLicenciaDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
equipoUsuarioDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
fechaAltaDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
fechaBajaDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
estadoDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
proveedorDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
fechaRecepcionDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
imagenDataGridViewTextBoxColumn;
        private System.Windows.Forms.DataGridViewTextBoxColumn
notasDataGridViewTextBoxColumn;
        private System.Windows.Forms.ComboBox comboBox7;
        private System.Windows.Forms.CheckedListBox checkedListBox1;
        private System.Windows.Forms.Button button8;
        private System.Windows.Forms.ProgressBar progressBar1;
        private System.Windows.Forms.ListBox listBox2;
        private System.Windows.Forms.ErrorProvider errorProvider1;
        private System.Windows.Forms.ComboBox comboBox5;
        private System.Windows.Forms.Label label4;
        private System.Windows.Forms.Button button9;
        private System.Windows.Forms.Timer Timer_modos_leer;
        private System.Windows.Forms.Button button1;
        private System.Windows.Forms.NumericUpDown numericUpDown2;
        private System.Windows.Forms.Label label5;

```

```

        private System.Windows.Forms.TabPage tabPage5;
        private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.Registro_usoTableAdapter
registro_usoTableAdapter;
        private System.Windows.Forms.BindingSource registro_usoBindingSource;
        private System.Windows.Forms.DataGridviewTextBoxColumn
dataGridviewTextBoxColumn3;
        private System.Windows.Forms.DataGridviewTextBoxColumn
dataGridviewTextBoxColumn4;
        private System.Windows.Forms.Timer tim_registro;
        private System.Windows.Forms.DataGridview dataGridview1;
        private System.Windows.Forms.DataGridviewTextBoxColumn
dataGridviewTextBoxColumn6;
        private System.Windows.Forms.DataGridview dataGridview3;
        private System.Windows.Forms.DataGridviewTextBoxColumn ID;
        private System.Windows.Forms.DataGridviewTextBoxColumn Concepto;
        private System.Windows.Forms.DataGridviewTextBoxColumn Fecha;
        private System.Windows.Forms.DataGridviewTextBoxColumn Hora;
        private System.Windows.Forms.DataGridviewTextBoxColumn Ent_sal;
        private System.Windows.Forms.DataGridviewTextBoxColumn RSSI;
        private System.Windows.Forms.DataGridviewTextBoxColumn Antena;
        private System.Windows.Forms.DataGridviewTextBoxColumn Tipo;
        private System.Windows.Forms.DataGridviewTextBoxColumn Equipo;
        private System.Windows.Forms.DataGridviewTextBoxColumn Trabajador;
        private System.Windows.Forms.DataGridviewTextBoxColumn Estado;
        private System.Windows.Forms.DataGridviewTextBoxColumn Column6;
        private System.Windows.Forms.DataGridviewTextBoxColumn Column7;
        private System.Windows.Forms.DataGridviewTextBoxColumn Column1;
        private System.Windows.Forms.DataGridviewTextBoxColumn Column4;
        private System.Windows.Forms.DataGridviewTextBoxColumn Column2;
        private System.Windows.Forms.DataGridviewTextBoxColumn Column3;
        private System.Windows.Forms.DataGridviewTextBoxColumn Column5;
        private System.Windows.Forms.Label label3;
        private System.Windows.Forms.DataGridview registro_usoDataGridview;
        private System.Windows.Forms.DataGridviewTextBoxColumn
dataGridviewTextBoxColumn2;
        private System.Windows.Forms.DataGridviewTextBoxColumn
dataGridviewTextBoxColumn5;
        private System.Windows.Forms.DataGridviewTextBoxColumn
dataGridviewTextBoxColumn7;
        private System.Windows.Forms.DataGridviewTextBoxColumn
dataGridviewTextBoxColumn8;
        private System.Windows.Forms.PictureBox pictureBox2;
        private System.Windows.Forms.Label label6;
    }
}

```

## A.1.2.- Detalles\_form

### A.1.2.1.-Detalles\_form.cs

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;

namespace Aplicacion_CATEC
{
    public partial class Detalles_Form : Form
    {
        public Detalles_Form()
        {
            InitializeComponent();
        }

        private void db_CATECBindingNavigatorSaveItem_Click(object sender, EventArgs e)
        {
            this.Validate();
            this.db_CATECBindingSource.EndEdit();
            this.tableAdapterManager.UpdateAll(this.pfc_dbDataSet);
        }
    }
}

```

```

private void Detalles_Form_Load(object sender, EventArgs e)
{
    this.Text = ":: Detalles de Etiqueta :: " + Form1.numero_concepto_detalle;
    // Esta línea de código carga datos en la tabla 'pfc_dbDataSet._db_CATEC'
    this.db_CATECTableAdapter.Rellenar_ID(this.pfc_dbDataSet.db_CATEC,
Form1.numero_concepto_detalle);

}

private void Cancelarbutton_Click(object sender, EventArgs e)
{
    this.Close();
}

private void Actualizarbutton_Click(object sender, EventArgs e)
{
    this.db_CATECTableAdapter.Update(pfc_dbDataSet.db_CATEC);
    this.db_CATECBindingSource.EndEdit();
}
}
}
}

```

### A.1.2.2.-Detalles\_Form.Designer.cs

```

namespace Aplicacion_CATEC
{
    partial class Detalles_Form
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed;
otherwise, false.</param>
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {
            this.components = new System.ComponentModel.Container();
            System.Windows.Forms.Label idLabel;
            System.Windows.Forms.Label conceptoLabel;
            System.Windows.Forms.Label departamentoLabel;
            System.Windows.Forms.Label responsableLabel;
            System.Windows.Forms.Label tipoLabel;
            System.Windows.Forms.Label LocalizacionLabel;
            System.Windows.Forms.Label ultimo_UsuarioLabel;
            System.Windows.Forms.Label codigo_ProductoLabel;
            System.Windows.Forms.Label codigo_CATECLabel;
            System.Windows.Forms.Label historico_IntervencionesLabel;
            System.Windows.Forms.Label plan_MantenimientoLabel;
            System.Windows.Forms.Label ficha_MantenimientoLabel;
            System.Windows.Forms.Label tipo_LicenciaLabel;
            System.Windows.Forms.Label numero_LicenciaLabel;
            System.Windows.Forms.Label caducidad_LicenciaLabel;
            System.Windows.Forms.Label equipo_Usuario_asociadoLabel;

```

```

        System.Windows.Forms.Label fecha_AltaLabel;
        System.Windows.Forms.Label fecha_BajaLabel;
        System.Windows.Forms.Label estadoLabel;
        System.Windows.Forms.Label proveedorLabel;
        System.Windows.Forms.Label fecha_RecepcionLabel;
        System.Windows.Forms.Label imagenLabel;
        System.Windows.Forms.Label notasLabel;
        System.Windows.Forms.Label unidadesLabel1;
        System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(Detalles_Form));
        this.pfc_dbDataSet = new Aplicacion_CATEC.pfc_dbDataSet();
        this.db_CATECBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.db_CATECTableAdapter = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATECTableAdapter();
        this.tableAdapterManager = new
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TableAdapterManager();
        this.db_CATECBindingNavigator = new
System.Windows.Forms.BindingNavigator(this.components);
        this.bindingNavigatorAddNewItem = new
System.Windows.Forms.ToolStripButton();
        this.bindingNavigatorCountItem = new System.Windows.Forms.ToolStripLabel();
        this.bindingNavigatorDeleteItem = new
System.Windows.Forms.ToolStripButton();
        this.bindingNavigatorMoveFirstItem = new
System.Windows.Forms.ToolStripButton();
        this.bindingNavigatorMovePreviousItem = new
System.Windows.Forms.ToolStripButton();
        this.bindingNavigatorSeparator = new
System.Windows.Forms.ToolStripSeparator();
        this.bindingNavigatorPositionItem = new
System.Windows.Forms.ToolStripTextBox();
        this.bindingNavigatorSeparator1 = new
System.Windows.Forms.ToolStripSeparator();
        this.bindingNavigatorMoveNextItem = new
System.Windows.Forms.ToolStripButton();
        this.bindingNavigatorMoveLastItem = new
System.Windows.Forms.ToolStripButton();
        this.bindingNavigatorSeparator2 = new
System.Windows.Forms.ToolStripSeparator();
        this.db_CATECBindingNavigatorSaveItem = new
System.Windows.Forms.ToolStripButton();
        this.iDTextBox = new System.Windows.Forms.TextBox();
        this.conceptoTextBox = new System.Windows.Forms.TextBox();
        this.ultimo_UsuarioTextBox = new System.Windows.Forms.TextBox();
        this.codigo_ProductoTextBox = new System.Windows.Forms.TextBox();
        this.codigo_CATECTextBox = new System.Windows.Forms.TextBox();
        this.historico_IntervencionesTextBox = new System.Windows.Forms.TextBox();
        this.plan_MantenimientoTextBox = new System.Windows.Forms.TextBox();
        this.ficha_MantenimientoTextBox = new System.Windows.Forms.TextBox();
        this.tipo_LicenciaTextBox = new System.Windows.Forms.TextBox();
        this.numero_LicenciaTextBox = new System.Windows.Forms.TextBox();
        this.caducidad_LicenciaTextBox = new System.Windows.Forms.TextBox();
        this.equipo_Usuario_asociadoTextBox = new System.Windows.Forms.TextBox();
        this.fecha_AltaDateTimePicker = new System.Windows.Forms.DateTimePicker();
        this.fecha_BajaDateTimePicker = new System.Windows.Forms.DateTimePicker();
        this.estadoTextBox = new System.Windows.Forms.TextBox();
        this.proveedorTextBox = new System.Windows.Forms.TextBox();
        this.fecha_RecepcionDateTimePicker = new
System.Windows.Forms.DateTimePicker();
        this.imagenTextBox = new System.Windows.Forms.TextBox();
        this.notasTextBox = new System.Windows.Forms.TextBox();
        this.DarBajabutton = new System.Windows.Forms.Button();
        this.Cancelarbutton = new System.Windows.Forms.Button();
        this.Actualizarbutton = new System.Windows.Forms.Button();
        this.departamentoTextBox = new System.Windows.Forms.TextBox();
        this.responsableTextBox = new System.Windows.Forms.TextBox();
        this.tipoTextBox = new System.Windows.Forms.TextBox();
        this.localizacionTextBox = new System.Windows.Forms.TextBox();
        this.unidadesComboBox = new System.Windows.Forms.ComboBox();
        iDLabel = new System.Windows.Forms.Label();
        conceptoLabel = new System.Windows.Forms.Label();
        departamentoLabel = new System.Windows.Forms.Label();
        responsableLabel = new System.Windows.Forms.Label();
        tipoLabel = new System.Windows.Forms.Label();

```

```

LocalizacionLabel = new System.Windows.Forms.Label();
ultimo_UsuarioLabel = new System.Windows.Forms.Label();
codigo_ProductoLabel = new System.Windows.Forms.Label();
codigo_CATECLabel = new System.Windows.Forms.Label();
historico_IntervencionesLabel = new System.Windows.Forms.Label();
plan_MantenimientoLabel = new System.Windows.Forms.Label();
ficha_MantenimientoLabel = new System.Windows.Forms.Label();
tipo_LicenciaLabel = new System.Windows.Forms.Label();
numero_LicenciaLabel = new System.Windows.Forms.Label();
caducidad_LicenciaLabel = new System.Windows.Forms.Label();
equipo_Usuario_asociadoLabel = new System.Windows.Forms.Label();
fecha_AltaLabel = new System.Windows.Forms.Label();
fecha_BajaLabel = new System.Windows.Forms.Label();
estadoLabel = new System.Windows.Forms.Label();
proveedorLabel = new System.Windows.Forms.Label();
fecha_RecepcionLabel = new System.Windows.Forms.Label();
imagenLabel = new System.Windows.Forms.Label();
notasLabel = new System.Windows.Forms.Label();
unidadesLabel1 = new System.Windows.Forms.Label();

((System.ComponentModel.ISupportInitialize)(this.pfc_dbDataSet)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.db_CATECBindingSource)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.db_CATECBindingNavigator)).BeginInit();
this.db_CATECBindingNavigator.SuspendLayout();
this.SuspendLayout();
//
// iDLabel
//
iDLabel.AutoSize = true;
iDLabel.Location = new System.Drawing.Point(12, 19);
iDLabel.Name = "iDLabel";
iDLabel.Size = new System.Drawing.Size(21, 13);
iDLabel.TabIndex = 1;
iDLabel.Text = "ID:";
//
// conceptoLabel
//
conceptoLabel.AutoSize = true;
conceptoLabel.Location = new System.Drawing.Point(11, 45);
conceptoLabel.Name = "conceptoLabel";
conceptoLabel.Size = new System.Drawing.Size(56, 13);
conceptoLabel.TabIndex = 3;
conceptoLabel.Text = "Concepto:";
//
// departamentoLabel
//
departamentoLabel.AutoSize = true;
departamentoLabel.Location = new System.Drawing.Point(11, 71);
departamentoLabel.Name = "departamentoLabel";
departamentoLabel.Size = new System.Drawing.Size(77, 13);
departamentoLabel.TabIndex = 5;
departamentoLabel.Text = "Departamento:";
//
// responsableLabel
//
responsableLabel.AutoSize = true;
responsableLabel.Location = new System.Drawing.Point(12, 98);
responsableLabel.Name = "responsableLabel";
responsableLabel.Size = new System.Drawing.Size(72, 13);
responsableLabel.TabIndex = 7;
responsableLabel.Text = "Responsable:";
//
// tipoLabel
//
tipoLabel.AutoSize = true;
tipoLabel.Location = new System.Drawing.Point(12, 123);
tipoLabel.Name = "tipoLabel";
tipoLabel.Size = new System.Drawing.Size(31, 13);
tipoLabel.TabIndex = 9;
tipoLabel.Text = "Tipo:";
//
// LocalizacionLabel
//

```



```

LocalizacionLabel.AutoSize = true;
LocalizacionLabel.Location = new System.Drawing.Point(12, 175);
LocalizacionLabel.Name = "LocalizacionLabel";
LocalizacionLabel.Size = new System.Drawing.Size(69, 13);
LocalizacionLabel.TabIndex = 13;
LocalizacionLabel.Text = "Localizacion:";
//
// ultimo_USUARIOLabel
//
ultimo_USUARIOLabel.AutoSize = true;
ultimo_USUARIOLabel.Location = new System.Drawing.Point(12, 201);
ultimo_USUARIOLabel.Name = "ultimo_USUARIOLabel";
ultimo_USUARIOLabel.Size = new System.Drawing.Size(78, 13);
ultimo_USUARIOLabel.TabIndex = 15;
ultimo_USUARIOLabel.Text = "Ultimo Usuario:";
//
// codigo_ProductoLabel
//
codigo_ProductoLabel.AutoSize = true;
codigo_ProductoLabel.Location = new System.Drawing.Point(12, 227);
codigo_ProductoLabel.Name = "codigo_ProductoLabel";
codigo_ProductoLabel.Size = new System.Drawing.Size(89, 13);
codigo_ProductoLabel.TabIndex = 17;
codigo_ProductoLabel.Text = "Codigo Producto:";
//
// codigo_CATECLLabel
//
codigo_CATECLLabel.AutoSize = true;
codigo_CATECLLabel.Location = new System.Drawing.Point(12, 253);
codigo_CATECLLabel.Name = "codigo_CATECLLabel";
codigo_CATECLLabel.Size = new System.Drawing.Size(81, 13);
codigo_CATECLLabel.TabIndex = 19;
codigo_CATECLLabel.Text = "Codigo CATEC:";
//
// historico_IntervencionesLabel
//
historico_IntervencionesLabel.AutoSize = true;
historico_IntervencionesLabel.Location = new System.Drawing.Point(12, 279);
historico_IntervencionesLabel.Name = "historico_IntervencionesLabel";
historico_IntervencionesLabel.Size = new System.Drawing.Size(124, 13);
historico_IntervencionesLabel.TabIndex = 21;
historico_IntervencionesLabel.Text = "Historico Intervenciones:";
//
// plan_MantenimientoLabel
//
plan_MantenimientoLabel.AutoSize = true;
plan_MantenimientoLabel.Location = new System.Drawing.Point(12, 305);
plan_MantenimientoLabel.Name = "plan_MantenimientoLabel";
plan_MantenimientoLabel.Size = new System.Drawing.Size(103, 13);
plan_MantenimientoLabel.TabIndex = 23;
plan_MantenimientoLabel.Text = "Plan Mantenimiento:";
//
// ficha_MantenimientoLabel
//
ficha_MantenimientoLabel.AutoSize = true;
ficha_MantenimientoLabel.Location = new System.Drawing.Point(12, 331);
ficha_MantenimientoLabel.Name = "ficha_MantenimientoLabel";
ficha_MantenimientoLabel.Size = new System.Drawing.Size(108, 13);
ficha_MantenimientoLabel.TabIndex = 25;
ficha_MantenimientoLabel.Text = "Ficha Mantenimiento:";
//
// tipo_LicenciaLabel
//
tipo_LicenciaLabel.AutoSize = true;
tipo_LicenciaLabel.Location = new System.Drawing.Point(12, 357);
tipo_LicenciaLabel.Name = "tipo_LicenciaLabel";
tipo_LicenciaLabel.Size = new System.Drawing.Size(74, 13);
tipo_LicenciaLabel.TabIndex = 27;
tipo_LicenciaLabel.Text = "Tipo Licencia:";
//
// numero_LicenciaLabel
//
numero_LicenciaLabel.AutoSize = true;
numero_LicenciaLabel.Location = new System.Drawing.Point(12, 383);
numero_LicenciaLabel.Name = "numero_LicenciaLabel";

```

```

numero_LicenciaLabel.Size = new System.Drawing.Size(90, 13);
numero_LicenciaLabel.TabIndex = 29;
numero_LicenciaLabel.Text = "Numero Licencia:";
//
// caducidad_LicenciaLabel
//
caducidad_LicenciaLabel.AutoSize = true;
caducidad_LicenciaLabel.Location = new System.Drawing.Point(12, 409);
caducidad_LicenciaLabel.Name = "caducidad_LicenciaLabel";
caducidad_LicenciaLabel.Size = new System.Drawing.Size(104, 13);
caducidad_LicenciaLabel.TabIndex = 31;
caducidad_LicenciaLabel.Text = "Caducidad Licencia:";
//
// equipo_usuario_asociadoLabel
//
equipo_usuario_asociadoLabel.AutoSize = true;
equipo_usuario_asociadoLabel.Location = new System.Drawing.Point(12, 435);
equipo_usuario_asociadoLabel.Name = "equipo_usuario_asociadoLabel";
equipo_usuario_asociadoLabel.Size = new System.Drawing.Size(128, 13);
equipo_usuario_asociadoLabel.TabIndex = 33;
equipo_usuario_asociadoLabel.Text = "Equipo Usuario asociado:";
//
// fecha_AltaLabel
//
fecha_AltaLabel.AutoSize = true;
fecha_AltaLabel.Location = new System.Drawing.Point(12, 462);
fecha_AltaLabel.Name = "fecha_AltaLabel";
fecha_AltaLabel.Size = new System.Drawing.Size(61, 13);
fecha_AltaLabel.TabIndex = 35;
fecha_AltaLabel.Text = "Fecha Alta:";
//
// fecha_BajaLabel
//
fecha_BajaLabel.AutoSize = true;
fecha_BajaLabel.Location = new System.Drawing.Point(12, 488);
fecha_BajaLabel.Name = "fecha_BajaLabel";
fecha_BajaLabel.Size = new System.Drawing.Size(64, 13);
fecha_BajaLabel.TabIndex = 37;
fecha_BajaLabel.Text = "Fecha Baja:";
//
// estadoLabel
//
estadoLabel.AutoSize = true;
estadoLabel.Location = new System.Drawing.Point(12, 513);
estadoLabel.Name = "estadoLabel";
estadoLabel.Size = new System.Drawing.Size(43, 13);
estadoLabel.TabIndex = 39;
estadoLabel.Text = "Estado:";
//
// proveedorLabel
//
proveedorLabel.AutoSize = true;
proveedorLabel.Location = new System.Drawing.Point(12, 539);
proveedorLabel.Name = "proveedorLabel";
proveedorLabel.Size = new System.Drawing.Size(59, 13);
proveedorLabel.TabIndex = 41;
proveedorLabel.Text = "Proveedor:";
//
// fecha_RecepcionLabel
//
fecha_RecepcionLabel.AutoSize = true;
fecha_RecepcionLabel.Location = new System.Drawing.Point(12, 566);
fecha_RecepcionLabel.Name = "fecha_RecepcionLabel";
fecha_RecepcionLabel.Size = new System.Drawing.Size(95, 13);
fecha_RecepcionLabel.TabIndex = 43;
fecha_RecepcionLabel.Text = "Fecha Recepcion:";
//
// imagenLabel
//
imagenLabel.AutoSize = true;
imagenLabel.Location = new System.Drawing.Point(12, 591);
imagenLabel.Name = "imagenLabel";
imagenLabel.Size = new System.Drawing.Size(45, 13);
imagenLabel.TabIndex = 45;
imagenLabel.Text = "Imagen:";

```



```

//
// notasLabel
//
notasLabel.AutoSize = true;
notasLabel.Location = new System.Drawing.Point(12, 617);
notasLabel.Name = "notasLabel";
notasLabel.Size = new System.Drawing.Size(38, 13);
notasLabel.TabIndex = 47;
notasLabel.Text = "Notas:";
//
// unidadesLabel1
//
unidadesLabel1.AutoSize = true;
unidadesLabel1.Location = new System.Drawing.Point(11, 149);
unidadesLabel1.Name = "unidadesLabel1";
unidadesLabel1.Size = new System.Drawing.Size(55, 13);
unidadesLabel1.TabIndex = 56;
unidadesLabel1.Text = "Unidades:";
//
// pfc_dbDataSet
//
this.pfc_dbDataSet.DataSetName = "pfc_dbDataSet";
this.pfc_dbDataSet.SchemaSerializationMode =
System.Data.SchemaSerializationMode.IncludeSchema;
//
// db_CATECBindingSource
//
this.db_CATECBindingSource.DataMember = "db_CATEC";
this.db_CATECBindingSource.DataSource = this.pfc_dbDataSet;
//
// db_CATECTableAdapter
//
this.db_CATECTableAdapter.ClearBeforeFill = true;
//
// tableAdapterManager
//
this.tableAdapterManager.BackupDataSetBeforeUpdate = false;
this.tableAdapterManager.db_CATEC_cortoTableAdapter = null;
this.tableAdapterManager.db_CATEC_XTableAdapter = null;
this.tableAdapterManager.db_CATEC2_XTableAdapter = null;
this.tableAdapterManager.db_CATEC2TableAdapter = null;
this.tableAdapterManager.db_CATEC3_XTableAdapter = null;
this.tableAdapterManager.db_CATEC3TableAdapter = null;
this.tableAdapterManager.db_CATECTableAdapter = this.db_CATECTableAdapter;
this.tableAdapterManager.Departamentos_XTableAdapter = null;
this.tableAdapterManager.Departamentos2_XTableAdapter = null;
this.tableAdapterManager.Departamentos2TableAdapter = null;
this.tableAdapterManager.DepartamentosTableAdapter = null;
this.tableAdapterManager.Localizacion_XTableAdapter = null;
this.tableAdapterManager.Localizacion2_XTableAdapter = null;
this.tableAdapterManager.Localizacion2TableAdapter = null;
this.tableAdapterManager.LocalizacionTableAdapter = null;
this.tableAdapterManager.Tipo_XTableAdapter = null;
this.tableAdapterManager.Tipo2_XTableAdapter = null;
this.tableAdapterManager.Tipo2TableAdapter = null;
this.tableAdapterManager.TipoTableAdapter = null;
this.tableAdapterManager.UpdateOrder =
Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TableAdapterManager.UpdateOrderOption.Insert
UpdateDelete;
//
// db_CATECBindingNavigator
//
this.db_CATECBindingNavigator.AddNewItem = this.bindingNavigatorAddNewItem;
this.db_CATECBindingNavigator.BindingSource = this.db_CATECBindingSource;
this.db_CATECBindingNavigator.CountItem = this.bindingNavigatorCountItem;
this.db_CATECBindingNavigator.DeleteItem = this.bindingNavigatorDeleteItem;
this.db_CATECBindingNavigator.Items.AddRange(new
System.Windows.Forms.ToolStripItem[] {
this.bindingNavigatorMoveFirstItem,
this.bindingNavigatorMovePreviousItem,
this.bindingNavigatorSeparator,
this.bindingNavigatorPositionItem,
this.bindingNavigatorCountItem,
this.bindingNavigatorSeparator1,
this.bindingNavigatorMoveNextItem,

```

```

        this.bindingNavigatorMoveLastItem,
        this.bindingNavigatorSeparator2,
        this.bindingNavigatorAddNewItem,
        this.bindingNavigatorDeleteItem,
        this.db_CATECBindingNavigatorSaveItem});
        this.db_CATECBindingNavigator.Location = new System.Drawing.Point(0, 0);
        this.db_CATECBindingNavigator.MoveFirstItem =
this.bindingNavigatorMoveFirstItem;
        this.db_CATECBindingNavigator.MoveLastItem =
this.bindingNavigatorMoveLastItem;
        this.db_CATECBindingNavigator.MoveNextItem =
this.bindingNavigatorMoveNextItem;
        this.db_CATECBindingNavigator.MovePreviousItem =
this.bindingNavigatorMovePreviousItem;
        this.db_CATECBindingNavigator.Name = "db_CATECBindingNavigator";
        this.db_CATECBindingNavigator.PositionItem =
this.bindingNavigatorPositionItem;
        this.db_CATECBindingNavigator.Size = new System.Drawing.Size(673, 25);
        this.db_CATECBindingNavigator.TabIndex = 0;
        this.db_CATECBindingNavigator.Text = "bindingNavigator1";
        this.db_CATECBindingNavigator.Visible = false;
        //
        // bindingNavigatorAddNewItem
        //
        this.bindingNavigatorAddNewItem.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplayStyle.Image;
        this.bindingNavigatorAddNewItem.Image =
((System.Drawing.Image)(resources.GetObject("bindingNavigatorAddNewItem.Image")));
        this.bindingNavigatorAddNewItem.Name = "bindingNavigatorAddNewItem";
        this.bindingNavigatorAddNewItem.RightToLeftAutoMirrorImage = true;
        this.bindingNavigatorAddNewItem.Size = new System.Drawing.Size(23, 22);
        this.bindingNavigatorAddNewItem.Text = "Agregar nuevo";
        //
        // bindingNavigatorCountItem
        //
        this.bindingNavigatorCountItem.Name = "bindingNavigatorCountItem";
        this.bindingNavigatorCountItem.Size = new System.Drawing.Size(38, 22);
        this.bindingNavigatorCountItem.Text = "de {0}";
        this.bindingNavigatorCountItem.ToolTipText = "Número total de elementos";
        //
        // bindingNavigatorDeleteItem
        //
        this.bindingNavigatorDeleteItem.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplayStyle.Image;
        this.bindingNavigatorDeleteItem.Image =
((System.Drawing.Image)(resources.GetObject("bindingNavigatorDeleteItem.Image")));
        this.bindingNavigatorDeleteItem.Name = "bindingNavigatorDeleteItem";
        this.bindingNavigatorDeleteItem.RightToLeftAutoMirrorImage = true;
        this.bindingNavigatorDeleteItem.Size = new System.Drawing.Size(23, 22);
        this.bindingNavigatorDeleteItem.Text = "Eliminar";
        //
        // bindingNavigatorMoveFirstItem
        //
        this.bindingNavigatorMoveFirstItem.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplayStyle.Image;
        this.bindingNavigatorMoveFirstItem.Image =
((System.Drawing.Image)(resources.GetObject("bindingNavigatorMoveFirstItem.Image")));
        this.bindingNavigatorMoveFirstItem.Name = "bindingNavigatorMoveFirstItem";
        this.bindingNavigatorMoveFirstItem.RightToLeftAutoMirrorImage = true;
        this.bindingNavigatorMoveFirstItem.Size = new System.Drawing.Size(23, 22);
        this.bindingNavigatorMoveFirstItem.Text = "Mover primero";
        //
        // bindingNavigatorMovePreviousItem
        //
        this.bindingNavigatorMovePreviousItem.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplayStyle.Image;
        this.bindingNavigatorMovePreviousItem.Image =
((System.Drawing.Image)(resources.GetObject("bindingNavigatorMovePreviousItem.Image")));
        this.bindingNavigatorMovePreviousItem.Name =
"bindingNavigatorMovePreviousItem";
        this.bindingNavigatorMovePreviousItem.RightToLeftAutoMirrorImage = true;
        this.bindingNavigatorMovePreviousItem.Size = new System.Drawing.Size(23,
22);
        this.bindingNavigatorMovePreviousItem.Text = "Mover anterior";
        //

```

```

// bindingNavigatorSeparator
//
this.bindingNavigatorSeparator.Name = "bindingNavigatorSeparator";
this.bindingNavigatorSeparator.Size = new System.Drawing.Size(6, 25);
//
// bindingNavigatorPositionItem
//
this.bindingNavigatorPositionItem.AccessibleName = "Posición";
this.bindingNavigatorPositionItem.AutoSize = false;
this.bindingNavigatorPositionItem.Name = "bindingNavigatorPositionItem";
this.bindingNavigatorPositionItem.Size = new System.Drawing.Size(50, 21);
this.bindingNavigatorPositionItem.Text = "0";
this.bindingNavigatorPositionItem.ToolTipText = "Posición actual";
//
// bindingNavigatorSeparator1
//
this.bindingNavigatorSeparator1.Name = "bindingNavigatorSeparator1";
this.bindingNavigatorSeparator1.Size = new System.Drawing.Size(6, 25);
//
// bindingNavigatorMoveNextItem
//
this.bindingNavigatorMoveNextItem.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplayStyle.Image;
this.bindingNavigatorMoveNextItem.Image =
((System.Drawing.Image)resources.GetObject("bindingNavigatorMoveNextItem.Image"));
this.bindingNavigatorMoveNextItem.Name = "bindingNavigatorMoveNextItem";
this.bindingNavigatorMoveNextItem.RightToLeftAutoMirrorImage = true;
this.bindingNavigatorMoveNextItem.Size = new System.Drawing.Size(23, 22);
this.bindingNavigatorMoveNextItem.Text = "Mover siguiente";
//
// bindingNavigatorMoveLastItem
//
this.bindingNavigatorMoveLastItem.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplayStyle.Image;
this.bindingNavigatorMoveLastItem.Image =
((System.Drawing.Image)resources.GetObject("bindingNavigatorMoveLastItem.Image"));
this.bindingNavigatorMoveLastItem.Name = "bindingNavigatorMoveLastItem";
this.bindingNavigatorMoveLastItem.RightToLeftAutoMirrorImage = true;
this.bindingNavigatorMoveLastItem.Size = new System.Drawing.Size(23, 22);
this.bindingNavigatorMoveLastItem.Text = "Mover último";
//
// bindingNavigatorSeparator2
//
this.bindingNavigatorSeparator2.Name = "bindingNavigatorSeparator2";
this.bindingNavigatorSeparator2.Size = new System.Drawing.Size(6, 25);
//
// db_CATECBindingNavigatorSaveItem
//
this.db_CATECBindingNavigatorSaveItem.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplayStyle.Image;
this.db_CATECBindingNavigatorSaveItem.Image =
((System.Drawing.Image)resources.GetObject("db_CATECBindingNavigatorSaveItem.Image"));
this.db_CATECBindingNavigatorSaveItem.Name =
"db_CATECBindingNavigatorSaveItem";
this.db_CATECBindingNavigatorSaveItem.Size = new System.Drawing.Size(23,
22);
this.db_CATECBindingNavigatorSaveItem.Text = "Guardar datos";
this.db_CATECBindingNavigatorSaveItem.Click += new
System.EventHandler(this.db_CATECBindingNavigatorSaveItem_Click);
//
// idTextBox
//
this.idTextBox.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.db_CATECBindingSource, "ID", true));
this.idTextBox.Enabled = false;
this.idTextBox.Location = new System.Drawing.Point(146, 16);
this.idTextBox.Name = "idTextBox";
this.idTextBox.Size = new System.Drawing.Size(200, 20);
this.idTextBox.TabIndex = 2;
//
// conceptoTextBox
//
this.conceptoTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Concepto", true));
this.conceptoTextBox.Location = new System.Drawing.Point(146, 42);

```

```

        this.conceptoTextBox.Name = "conceptoTextBox";
        this.conceptoTextBox.Size = new System.Drawing.Size(200, 20);
        this.conceptoTextBox.TabIndex = 4;
        //
        // ultimo_UsuarioTextBox
        //
        this.ultimo_UsuarioTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Ultimo_Usuario",
true));
        this.ultimo_UsuarioTextBox.Location = new System.Drawing.Point(146, 198);
        this.ultimo_UsuarioTextBox.Name = "ultimo_UsuarioTextBox";
        this.ultimo_UsuarioTextBox.Size = new System.Drawing.Size(200, 20);
        this.ultimo_UsuarioTextBox.TabIndex = 16;
        //
        // codigo_ProductoTextBox
        //
        this.codigo_ProductoTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Codigo_Producto",
true));
        this.codigo_ProductoTextBox.Location = new System.Drawing.Point(146, 224);
        this.codigo_ProductoTextBox.Name = "codigo_ProductoTextBox";
        this.codigo_ProductoTextBox.Size = new System.Drawing.Size(200, 20);
        this.codigo_ProductoTextBox.TabIndex = 18;
        //
        // codigo_CATECTextBox
        //
        this.codigo_CATECTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Codigo_CATEC", true));
        this.codigo_CATECTextBox.Location = new System.Drawing.Point(146, 250);
        this.codigo_CATECTextBox.Name = "codigo_CATECTextBox";
        this.codigo_CATECTextBox.Size = new System.Drawing.Size(200, 20);
        this.codigo_CATECTextBox.TabIndex = 20;
        //
        // historico_IntervencionesTextBox
        //
        this.historico_IntervencionesTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource,
"Historico_Intervenciones", true));
        this.historico_IntervencionesTextBox.Location = new
System.Drawing.Point(146, 276);
        this.historico_IntervencionesTextBox.Name =
"Historico_IntervencionesTextBox";
        this.historico_IntervencionesTextBox.Size = new System.Drawing.Size(200,
20);
        this.historico_IntervencionesTextBox.TabIndex = 22;
        //
        // plan_MantenimientoTextBox
        //
        this.plan_MantenimientoTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Plan_Mantenimiento",
true));
        this.plan_MantenimientoTextBox.Location = new System.Drawing.Point(146,
302);
        this.plan_MantenimientoTextBox.Name = "plan_MantenimientoTextBox";
        this.plan_MantenimientoTextBox.Size = new System.Drawing.Size(200, 20);
        this.plan_MantenimientoTextBox.TabIndex = 24;
        //
        // ficha_MantenimientoTextBox
        //
        this.ficha_MantenimientoTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Ficha_Mantenimiento",
true));
        this.ficha_MantenimientoTextBox.Location = new System.Drawing.Point(146,
328);
        this.ficha_MantenimientoTextBox.Name = "ficha_MantenimientoTextBox";
        this.ficha_MantenimientoTextBox.Size = new System.Drawing.Size(200, 20);
        this.ficha_MantenimientoTextBox.TabIndex = 26;
        //
        // tipo_LicenciaTextBox
        //
        this.tipo_LicenciaTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Tipo_Licencia",
true));
        this.tipo_LicenciaTextBox.Location = new System.Drawing.Point(146, 354);
        this.tipo_LicenciaTextBox.Name = "tipo_LicenciaTextBox";

```

```

this.tipo_LicenciaTextBox.Size = new System.Drawing.Size(200, 20);
this.tipo_LicenciaTextBox.TabIndex = 28;
//
// numero_LicenciaTextBox
//
this.numero_LicenciaTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Numero_Licencia",
true));
this.numero_LicenciaTextBox.Location = new System.Drawing.Point(146, 380);
this.numero_LicenciaTextBox.Name = "numero_LicenciaTextBox";
this.numero_LicenciaTextBox.Size = new System.Drawing.Size(200, 20);
this.numero_LicenciaTextBox.TabIndex = 30;
//
// caducidad_LicenciaTextBox
//
this.caducidad_LicenciaTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Caducidad_Licencia",
true));
this.caducidad_LicenciaTextBox.Location = new System.Drawing.Point(146,
406);
this.caducidad_LicenciaTextBox.Name = "caducidad_LicenciaTextBox";
this.caducidad_LicenciaTextBox.Size = new System.Drawing.Size(200, 20);
this.caducidad_LicenciaTextBox.TabIndex = 32;
//
// equipo_usuario_asociadoTextBox
//
this.equipo_usuario_asociadoTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Equipo_usuario",
true));
this.equipo_usuario_asociadoTextBox.Location = new System.Drawing.Point(146,
432);
this.equipo_usuario_asociadoTextBox.Name = "equipo_usuario_asociadoTextBox";
this.equipo_usuario_asociadoTextBox.Size = new System.Drawing.Size(200, 20);
this.equipo_usuario_asociadoTextBox.TabIndex = 34;
//
// fecha_AltaDateTimePicker
//
this.fecha_AltaDateTimePicker.DataBindings.Add(new
System.Windows.Forms.Binding("Value", this.db_CATECBindingSource, "Fecha_Alta", true));
this.fecha_AltaDateTimePicker.Format =
System.Windows.Forms.DateTimePickerFormat.Short;
this.fecha_AltaDateTimePicker.Location = new System.Drawing.Point(146, 458);
this.fecha_AltaDateTimePicker.Name = "fecha_AltaDateTimePicker";
this.fecha_AltaDateTimePicker.Size = new System.Drawing.Size(90, 20);
this.fecha_AltaDateTimePicker.TabIndex = 36;
//
// fecha_BajaDateTimePicker
//
this.fecha_BajaDateTimePicker.DataBindings.Add(new
System.Windows.Forms.Binding("Value", this.db_CATECBindingSource, "Fecha_Baja", true));
this.fecha_BajaDateTimePicker.Format =
System.Windows.Forms.DateTimePickerFormat.Short;
this.fecha_BajaDateTimePicker.Location = new System.Drawing.Point(146, 484);
this.fecha_BajaDateTimePicker.Name = "fecha_BajaDateTimePicker";
this.fecha_BajaDateTimePicker.Size = new System.Drawing.Size(90, 20);
this.fecha_BajaDateTimePicker.TabIndex = 38;
//
// estadoTextBox
//
this.estadoTextBox.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.db_CATECBindingSource, "Estado", true));
this.estadoTextBox.Location = new System.Drawing.Point(146, 510);
this.estadoTextBox.Name = "estadoTextBox";
this.estadoTextBox.Size = new System.Drawing.Size(200, 20);
this.estadoTextBox.TabIndex = 40;
//
// proveedorTextBox
//
this.proveedorTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Proveedor", true));
this.proveedorTextBox.Location = new System.Drawing.Point(146, 536);
this.proveedorTextBox.Name = "proveedorTextBox";
this.proveedorTextBox.Size = new System.Drawing.Size(200, 20);
this.proveedorTextBox.TabIndex = 42;
//

```

```

        // fecha_RecepcionDateTimePicker
        //
        this.fecha_RecepcionDateTimePicker.DataBindings.Add(new
System.Windows.Forms.Binding("Value", this.db_CATECBindingSource, "Fecha_Recepcion",
true));
        this.fecha_RecepcionDateTimePicker.Format =
System.Windows.Forms.DateTimePickerFormat.Short;
        this.fecha_RecepcionDateTimePicker.Location = new System.Drawing.Point(146,
562);
        this.fecha_RecepcionDateTimePicker.Name = "fecha_RecepcionDateTimePicker";
        this.fecha_RecepcionDateTimePicker.Size = new System.Drawing.Size(90, 20);
        this.fecha_RecepcionDateTimePicker.TabIndex = 44;
        //
        // imagenTextBox
        //
        this.imagenTextBox.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.db_CATECBindingSource, "Imagen", true));
        this.imagenTextBox.Location = new System.Drawing.Point(146, 588);
        this.imagenTextBox.Name = "imagenTextBox";
        this.imagenTextBox.Size = new System.Drawing.Size(200, 20);
        this.imagenTextBox.TabIndex = 46;
        //
        // notasTextBox
        //
        this.notasTextBox.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.db_CATECBindingSource, "Notas", true));
        this.notasTextBox.Location = new System.Drawing.Point(146, 614);
        this.notasTextBox.Multiline = true;
        this.notasTextBox.Name = "notasTextBox";
        this.notasTextBox.ScrollBars = System.Windows.Forms.ScrollBars.Vertical;
        this.notasTextBox.Size = new System.Drawing.Size(200, 50);
        this.notasTextBox.TabIndex = 48;
        //
        // DarBajabutton
        //
        this.DarBajabutton.Enabled = false;
        this.DarBajabutton.Location = new System.Drawing.Point(335, 684);
        this.DarBajabutton.Name = "DarBajabutton";
        this.DarBajabutton.Size = new System.Drawing.Size(75, 23);
        this.DarBajabutton.TabIndex = 50;
        this.DarBajabutton.Text = "Dar de Baja";
        this.DarBajabutton.UseVisualStyleBackColor = true;
        //
        // Cancelarbutton
        //
        this.Cancelarbutton.Location = new System.Drawing.Point(416, 684);
        this.Cancelarbutton.Name = "Cancelarbutton";
        this.Cancelarbutton.Size = new System.Drawing.Size(75, 23);
        this.Cancelarbutton.TabIndex = 51;
        this.Cancelarbutton.Text = "Cancelar";
        this.Cancelarbutton.UseVisualStyleBackColor = true;
        this.Cancelarbutton.Click += new
System.EventHandler(this.Cancelarbutton_Click);
        //
        // Actualizarbutton
        //
        this.Actualizarbutton.Location = new System.Drawing.Point(254, 684);
        this.Actualizarbutton.Name = "Actualizarbutton";
        this.Actualizarbutton.Size = new System.Drawing.Size(75, 23);
        this.Actualizarbutton.TabIndex = 52;
        this.Actualizarbutton.Text = "Actualizar";
        this.Actualizarbutton.UseVisualStyleBackColor = true;
        this.Actualizarbutton.Click += new
System.EventHandler(this.Actualizarbutton_Click);
        //
        // departamentoTextBox
        //
        this.departamentoTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Departamento", true));
        this.departamentoTextBox.Enabled = false;
        this.departamentoTextBox.Location = new System.Drawing.Point(146, 68);
        this.departamentoTextBox.Name = "departamentoTextBox";
        this.departamentoTextBox.Size = new System.Drawing.Size(200, 20);
        this.departamentoTextBox.TabIndex = 53;
        //

```



```

        // responsableTextBox
        //
        this.responsableTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Responsable", true));
        this.responsableTextBox.Location = new System.Drawing.Point(146, 94);
        this.responsableTextBox.Name = "responsableTextBox";
        this.responsableTextBox.Size = new System.Drawing.Size(200, 20);
        this.responsableTextBox.TabIndex = 54;
        //
        // tipoTextBox
        //
        this.tipoTextBox.DataBindings.Add(new System.Windows.Forms.Binding("Text",
this.db_CATECBindingSource, "Tipo", true));
        this.tipoTextBox.Enabled = false;
        this.tipoTextBox.Location = new System.Drawing.Point(146, 120);
        this.tipoTextBox.Name = "tipoTextBox";
        this.tipoTextBox.Size = new System.Drawing.Size(200, 20);
        this.tipoTextBox.TabIndex = 55;
        //
        // localizacionTextBox
        //
        this.localizacionTextBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Localizacion", true));
        this.localizacionTextBox.Location = new System.Drawing.Point(146, 172);
        this.localizacionTextBox.Name = "localizacionTextBox";
        this.localizacionTextBox.Size = new System.Drawing.Size(200, 20);
        this.localizacionTextBox.TabIndex = 56;
        //
        // unidadesComboBox
        //
        this.unidadesComboBox.DataBindings.Add(new
System.Windows.Forms.Binding("Text", this.db_CATECBindingSource, "Unidades", true));
        this.unidadesComboBox.FormattingEnabled = true;
        this.unidadesComboBox.Location = new System.Drawing.Point(146, 146);
        this.unidadesComboBox.Name = "unidadesComboBox";
        this.unidadesComboBox.Size = new System.Drawing.Size(57, 21);
        this.unidadesComboBox.TabIndex = 57;
        //
        // Detalles_Form
        //
        this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
        this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
        this.BackColor = System.Drawing.SystemColors.ButtonFace;
        this.ClientSize = new System.Drawing.Size(581, 727);
        this.Controls.Add(unidadesLabel1);
        this.Controls.Add(this.unidadesComboBox);
        this.Controls.Add(this.localizacionTextBox);
        this.Controls.Add(this.tipoTextBox);
        this.Controls.Add(this.responsableTextBox);
        this.Controls.Add(this.departamentoTextBox);
        this.Controls.Add(this.Actualizarbutton);
        this.Controls.Add(this.Cancelarbutton);
        this.Controls.Add(this.DarBajabutton);
        this.Controls.Add(idLabel);
        this.Controls.Add(this.idTextBox);
        this.Controls.Add(conceptoLabel);
        this.Controls.Add(this.conceptoTextBox);
        this.Controls.Add(departamentoLabel);
        this.Controls.Add(responsableLabel);
        this.Controls.Add(tipoLabel);
        this.Controls.Add(LocalizacionLabel);
        this.Controls.Add(ultimo_UsuarioLabel);
        this.Controls.Add(this.ultimo_UsuarioTextBox);
        this.Controls.Add(codigo_ProductoLabel);
        this.Controls.Add(this.codigo_ProductoTextBox);
        this.Controls.Add(codigo_CATECLabel);
        this.Controls.Add(this.codigo_CATECTextBox);
        this.Controls.Add(historico_IntervencionesLabel);
        this.Controls.Add(this.historico_IntervencionesTextBox);
        this.Controls.Add(plan_MantenimientoLabel);
        this.Controls.Add(this.plan_MantenimientoTextBox);
        this.Controls.Add(ficha_MantenimientoLabel);
        this.Controls.Add(this.ficha_MantenimientoTextBox);
        this.Controls.Add(tipo_LicenciaLabel);
        this.Controls.Add(this.tipo_LicenciaTextBox);

```

```

        this.Controls.Add(numero_LicenciaLabel);
        this.Controls.Add(this.numero_LicenciaTextBox);
        this.Controls.Add(caducidad_LicenciaLabel);
        this.Controls.Add(this.caducidad_LicenciaTextBox);
        this.Controls.Add(equipo_Usuario_asociadoLabel);
        this.Controls.Add(this.equipo_Usuario_asociadoTextBox);
        this.Controls.Add(fecha_AltaLabel);
        this.Controls.Add(this.fecha_AltaDateTimePicker);
        this.Controls.Add(fecha_BajaLabel);
        this.Controls.Add(this.fecha_BajaDateTimePicker);
        this.Controls.Add(estadoLabel);
        this.Controls.Add(this.estadoTextBox);
        this.Controls.Add(proveedorLabel);
        this.Controls.Add(this.proveedorTextBox);
        this.Controls.Add(fecha_RecepcionLabel);
        this.Controls.Add(this.fecha_RecepcionDateTimePicker);
        this.Controls.Add(imagenLabel);
        this.Controls.Add(this.imagenTextBox);
        this.Controls.Add(notasLabel);
        this.Controls.Add(this.notasTextBox);
        this.Controls.Add(this.db_CATECBindingNavigator);
        this.MaximizeBox = false;
        this.MinimizeBox = false;
        this.Name = "Detalles_Form";
        this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
        this.Text = "Detalles_Form";
        this.Load += new System.EventHandler(this.Detalles_Form_Load);
        ((System.ComponentModel.ISupportInitialize)(this.pfc_dbDataSet)).EndInit();

        ((System.ComponentModel.ISupportInitialize)(this.db_CATECBindingSource)).EndInit();

        ((System.ComponentModel.ISupportInitialize)(this.db_CATECBindingNavigator)).EndInit();
        this.db_CATECBindingNavigator.ResumeLayout(false);
        this.db_CATECBindingNavigator.PerformLayout();
        this.ResumeLayout(false);
        this.PerformLayout();

    }

    #endregion

    private pfc_dbDataSet pfc_dbDataSet;
    private System.Windows.Forms.BindingSource db_CATECBindingSource;

    //Aqui esta cambiado
    //private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATECTableAdapter
    db_CATECTableAdapter1;
    private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.db_CATECTableAdapter
    db_CATECTableAdapter;
    private Aplicacion_CATEC.pfc_dbDataSetTableAdapters.TableAdapterManager
    tableAdapterManager;
    private System.Windows.Forms.BindingNavigator db_CATECBindingNavigator;
    private System.Windows.Forms.ToolStripButton bindingNavigatorAddNewItem;
    private System.Windows.Forms.ToolStripLabel bindingNavigatorCountItem;
    private System.Windows.Forms.ToolStripButton bindingNavigatorDeleteItem;
    private System.Windows.Forms.ToolStripButton bindingNavigatorMoveFirstItem;
    private System.Windows.Forms.ToolStripButton bindingNavigatorMovePreviousItem;
    private System.Windows.Forms.ToolStripSeparator bindingNavigatorSeparator;
    private System.Windows.Forms.ToolStripTextBox bindingNavigatorPositionItem;
    private System.Windows.Forms.ToolStripSeparator bindingNavigatorSeparator1;
    private System.Windows.Forms.ToolStripButton bindingNavigatorMoveNextItem;
    private System.Windows.Forms.ToolStripButton bindingNavigatorMoveLastItem;
    private System.Windows.Forms.ToolStripSeparator bindingNavigatorSeparator2;
    private System.Windows.Forms.ToolStripButton db_CATECBindingNavigatorSaveItem;
    private System.Windows.Forms.TextBox idTextBox;
    private System.Windows.Forms.TextBox conceptoTextBox;
    private System.Windows.Forms.TextBox ultimo_UsuarioTextBox;
    private System.Windows.Forms.TextBox codigo_ProductoTextBox;
    private System.Windows.Forms.TextBox codigo_CATECTextBox;
    private System.Windows.Forms.TextBox historico_IntervencionesTextBox;
    private System.Windows.Forms.TextBox plan_MantenimientoTextBox;
    private System.Windows.Forms.TextBox ficha_MantenimientoTextBox;
    private System.Windows.Forms.TextBox tipo_LicenciaTextBox;
    private System.Windows.Forms.TextBox numero_LicenciaTextBox;

```



```

private System.Windows.Forms.TextBox caducidad_LicenciaTextBox;
private System.Windows.Forms.TextBox equipo_Usuario_asociadoTextBox;
private System.Windows.Forms.DateTimePicker fecha_AltaDateTimePicker;
private System.Windows.Forms.DateTimePicker fecha_BajaDateTimePicker;
private System.Windows.Forms.TextBox estadoTextBox;
private System.Windows.Forms.TextBox proveedorTextBox;
private System.Windows.Forms.DateTimePicker fecha_RecepcionDateTimePicker;
private System.Windows.Forms.TextBox imagenTextBox;
private System.Windows.Forms.TextBox notasTextBox;
private System.Windows.Forms.Button DarBajabutton;
private System.Windows.Forms.Button Cancelarbutton;
private System.Windows.Forms.Button Actualizarbutton;
private System.Windows.Forms.TextBox departamentoTextBox;
private System.Windows.Forms.TextBox responsableTextBox;
private System.Windows.Forms.TextBox tipoTextBox;
private System.Windows.Forms.TextBox localizacionTextBox;
private System.Windows.Forms.ComboBox unidadesComboBox;
}
}
}

```

## A.1.3.- Imprimir

### A.1.3.1.- Imprimir.cs

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;

namespace Aplicacion_CATEC
{
    public partial class Imprimir : Form
    {
        string ancho;
        string alto;
        string distancia;
        string puerto;

        public Imprimir()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (comboBox4.Text == "") MessageBox.Show("Especifique el puerto");
            else if (comboBox3.Text == "") MessageBox.Show("Especifique el formato");
            else
            {
                puerto = comboBox4.Text;

                switch (comboBox3.Text)
                {
                    case "27x104mm":
                        ancho = "1040";
                        alto = "0270";
                        distancia = "0300";
                        break;

                    case "76x80mm":
                        ancho = "0800";
                        alto = "0760";
                        distancia = "0800";
                        break;

                    case "25x104mm":
                        ancho = "1040";
                        alto = "0250";
                        distancia = "0300";
                }
            }
        }
    }
}

```

```

        break;
    }
    imprimir();
}

private void Imprimir_Load(object sender, EventArgs e)
{
    this.Text = "Imprimir-->" + Form1.info_imprime_etiqueta;
}

private void button2_Click(object sender, EventArgs e)
{
    this.Close();
}

private void imprimir()
{
    string texto;
    string id;

    if (checkBox2.Checked==true)
    {
        texto = Form1.codigo_catec;
        id = Form1.info_imprime_etiqueta;
    }
    else
    {
        texto = "";
        id = "";
    }

    if (numericUpDown1.Value == 0)
    {
        MessageBox.Show("Especifique el número de copias!!");
    }
    else
    {
        //Envio por el puerto serie linea a linea del protocolo de comando
        serialPort1.Close();
        serialPort1.PortName = puerto;
        serialPort1.Open();
        //Dimensiones del tag
        serialPort1.Write("\" + distancia + ancho + \",\" + alto + "|");
        serialPort1.Write("{C|}"); //Buffer clear
        serialPort1.Write("{XB00;0000,0000,r,T24,G2=" +
Form1.info_imprime_etiqueta + "|}"); //Imprime en RFID y en hexadecimal el ID
        serialPort1.Write("@003;+0240|");
//Imprime en tinta el concepto del equipo a etiquetar
        serialPort1.Write("{PC000;0750,0135,1,1,Q,22,B=" + texto + "|}");
//Imprime en tinta lo que aparece el IDentificador
        serialPort1.Write("{PC001;0800,0075,06,06,Q,22,B=id:" + id + "|}");
//Imprime en tinta FADA-CATEC
        serialPort1.Write("{PC001;0750,0225,08,08,Q,22,B=FADA-CATEC |}");
        serialPort1.Write("{XS;I,000" + numericUpDown1.Value + ",0002C6110|}");
//Imprime el numero de copias en numericupdown1 y usando ribbon (tinta) o no ...C61... o
..C60..
        serialPort1.Close();
        this.Close();

        //Si quiero imprimir con tinta, el ribbon tiene que estar instalado, y
tiene que correr la cinta, si no se atasca, por eso ...C61...

        /*Si no quiero imprimir con ribbon (sin tinta):
        serialPort1.Close();
        serialPort1.PortName = puerto;
        serialPort1.Open();
        serialPort1.Write("\" + distancia + ancho + \",\" + alto + "|");
        serialPort1.Write("{C|}");
        serialPort1.Write("{XB00;0000,0000,r,T24,G2=" +
Form1.info_imprime_etiqueta + "|}"); //Imprime en RFID y en hexadecimal el ID
        serialPort1.Write("@003;+0240|");
        serialPort1.Write("{XS;I,000" + numericUpDown1.Value + ",0002C6010|}");
        serialPort1.Close();

```

```

        this.Close();
        * */
    }
}
}
}

```

### A.1.3.2.- Imprimir.Designer.cs

```

namespace Aplicacion_CATEC
{
    partial class Imprimir
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed;
        otherwise, false.</param>
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {
            this.components = new System.ComponentModel.Container();
            this.comboBox1 = new System.Windows.Forms.ComboBox();
            this.comboBox2 = new System.Windows.Forms.ComboBox();
            this.groupBox1 = new System.Windows.Forms.GroupBox();
            this.groupBox2 = new System.Windows.Forms.GroupBox();
            this.button1 = new System.Windows.Forms.Button();
            this.checkBox1 = new System.Windows.Forms.CheckBox();
            this.checkBox2 = new System.Windows.Forms.CheckBox();
            this.button2 = new System.Windows.Forms.Button();
            this.numericUpDown1 = new System.Windows.Forms.NumericUpDown();
            this.label1 = new System.Windows.Forms.Label();
            this.serialPort1 = new System.IO.Ports.SerialPort(this.components);
            this.groupBox3 = new System.Windows.Forms.GroupBox();
            this.comboBox3 = new System.Windows.Forms.ComboBox();
            this.groupBox4 = new System.Windows.Forms.GroupBox();
            this.comboBox4 = new System.Windows.Forms.ComboBox();
            this.groupBox1.SuspendLayout();
            this.groupBox2.SuspendLayout();

            ((System.ComponentModel.ISupportInitialize)(this.numericUpDown1)).BeginInit();
            this.groupBox3.SuspendLayout();
            this.groupBox4.SuspendLayout();
            this.SuspendLayout();
            //
            // comboBox1
            //
            this.comboBox1.FormattingEnabled = true;
            this.comboBox1.Items.AddRange(new object[] {
                "1040",
                "2040"});
            this.comboBox1.Location = new System.Drawing.Point(18, 19);
            this.comboBox1.Name = "comboBox1";
            this.comboBox1.Size = new System.Drawing.Size(104, 21);

```

```

this.comboBox1.TabIndex = 0;
//
// comboBox2
//
this.comboBox2.FormattingEnabled = true;
this.comboBox2.Items.AddRange(new object[] {
"COM1",
"COM2",
"COM3"});
this.comboBox2.Location = new System.Drawing.Point(17, 19);
this.comboBox2.Name = "comboBox2";
this.comboBox2.Size = new System.Drawing.Size(104, 21);
this.comboBox2.TabIndex = 1;
//
// groupBox1
//
this.groupBox1.Controls.Add(this.comboBox1);
this.groupBox1.Location = new System.Drawing.Point(11, 11);
this.groupBox1.Name = "groupBox1";
this.groupBox1.Size = new System.Drawing.Size(165, 50);
this.groupBox1.TabIndex = 5;
this.groupBox1.TabStop = false;
this.groupBox1.Text = "Formato pegatinas";
//
// groupBox2
//
this.groupBox2.Controls.Add(this.comboBox2);
this.groupBox2.Location = new System.Drawing.Point(222, 15);
this.groupBox2.Name = "groupBox2";
this.groupBox2.Size = new System.Drawing.Size(164, 46);
this.groupBox2.TabIndex = 6;
this.groupBox2.TabStop = false;
this.groupBox2.Text = "Puerto Impresora";
//
// button1
//
this.button1.Location = new System.Drawing.Point(49, 143);
this.button1.Name = "button1";
this.button1.Size = new System.Drawing.Size(75, 23);
this.button1.TabIndex = 7;
this.button1.Text = "Imprimir";
this.button1.UseVisualStyleBackColor = true;
this.button1.Click += new System.EventHandler(this.button1_Click);
//
// checkBox1
//
this.checkBox1.AutoSize = true;
this.checkBox1.Checked = true;
this.checkBox1.CheckState = System.Windows.Forms.CheckState.Checked;
this.checkBox1.Enabled = false;
this.checkBox1.Location = new System.Drawing.Point(152, 94);
this.checkBox1.Name = "checkBox1";
this.checkBox1.Size = new System.Drawing.Size(51, 17);
this.checkBox1.TabIndex = 8;
this.checkBox1.Text = "RFID";
this.checkBox1.UseVisualStyleBackColor = true;
//
// checkBox2
//
this.checkBox2.AutoSize = true;
this.checkBox2.Location = new System.Drawing.Point(222, 95);
this.checkBox2.Name = "checkBox2";
this.checkBox2.Size = new System.Drawing.Size(50, 17);
this.checkBox2.TabIndex = 9;
this.checkBox2.Text = "Tinta";
this.checkBox2.UseVisualStyleBackColor = true;
//
// button2
//
this.button2.Location = new System.Drawing.Point(197, 143);
this.button2.Name = "button2";
this.button2.Size = new System.Drawing.Size(75, 23);
this.button2.TabIndex = 10;
this.button2.Text = "Cancelar";
this.button2.UseVisualStyleBackColor = true;

```

```

this.button2.Click += new System.EventHandler(this.button2_Click);
//
// numericUpDown1
//
this.numericUpDown1.Location = new System.Drawing.Point(34, 94);
this.numericUpDown1.Name = "numericUpDown1";
this.numericUpDown1.Size = new System.Drawing.Size(90, 20);
this.numericUpDown1.TabIndex = 11;
//
// label1
//
this.label1.AutoSize = true;
this.label1.Location = new System.Drawing.Point(31, 78);
this.label1.Name = "label1";
this.label1.Size = new System.Drawing.Size(53, 13);
this.label1.TabIndex = 12;
this.label1.Text = "N° copias";
//
// groupBox3
//
this.groupBox3.Controls.Add(this.comboBox3);
this.groupBox3.Location = new System.Drawing.Point(11, 11);
this.groupBox3.Name = "groupBox3";
this.groupBox3.Size = new System.Drawing.Size(165, 50);
this.groupBox3.TabIndex = 5;
this.groupBox3.TabStop = false;
this.groupBox3.Text = "Formato pegatinas";
//
// comboBox3
//
this.comboBox3.FormattingEnabled = true;
this.comboBox3.Items.AddRange(new object[] {
    "27x104mm",
    "76x80mm",
    "25x104mm"});
this.comboBox3.Location = new System.Drawing.Point(18, 19);
this.comboBox3.Name = "comboBox3";
this.comboBox3.Size = new System.Drawing.Size(104, 21);
this.comboBox3.TabIndex = 0;
//
// groupBox4
//
this.groupBox4.Controls.Add(this.comboBox4);
this.groupBox4.Location = new System.Drawing.Point(222, 15);
this.groupBox4.Name = "groupBox4";
this.groupBox4.Size = new System.Drawing.Size(164, 46);
this.groupBox4.TabIndex = 6;
this.groupBox4.TabStop = false;
this.groupBox4.Text = "Puerto Impresora";
//
// comboBox4
//
this.comboBox4.FormattingEnabled = true;
this.comboBox4.Items.AddRange(new object[] {
    "COM1",
    "COM2",
    "COM3"});
this.comboBox4.Location = new System.Drawing.Point(17, 19);
this.comboBox4.Name = "comboBox4";
this.comboBox4.Size = new System.Drawing.Size(104, 21);
this.comboBox4.TabIndex = 1;
//
// Imprimir
//
this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
this.ClientSize = new System.Drawing.Size(411, 190);
this.Controls.Add(this.label1);
this.Controls.Add(this.numericUpDown1);
this.Controls.Add(this.button2);
this.Controls.Add(this.checkBox2);
this.Controls.Add(this.checkBox1);
this.Controls.Add(this.button1);
this.Controls.Add(this.groupBox4);
this.Controls.Add(this.groupBox3);

```

```

        this.Controls.Add(this.groupBox2);
        this.Controls.Add(this.groupBox1);
        this.Name = "Imprimir";
        this.Text = "Imprimir";
        this.Load += new System.EventHandler(this.Imprimir_Load);
        this.groupBox1.ResumeLayout(false);
        this.groupBox2.ResumeLayout(false);
        ((System.ComponentModel.ISupportInitialize)(this.numericUpDown1)).EndInit();
        this.groupBox3.ResumeLayout(false);
        this.groupBox4.ResumeLayout(false);
        this.ResumeLayout(false);
        this.PerformLayout();

    }

#endregion

private System.Windows.Forms.ComboBox comboBox1;
private System.Windows.Forms.ComboBox comboBox2;
private System.Windows.Forms.GroupBox groupBox1;
private System.Windows.Forms.GroupBox groupBox2;
private System.Windows.Forms.Button button1;
private System.Windows.Forms.CheckBox checkBox1;
private System.Windows.Forms.CheckBox checkBox2;
private System.Windows.Forms.Button button2;
private System.Windows.Forms.NumericUpDown numericUpDown1;
private System.Windows.Forms.Label label1;
private System.IO.Ports.SerialPort serialPort1;
private System.Windows.Forms.GroupBox groupBox3;
private System.Windows.Forms.ComboBox comboBox3;
private System.Windows.Forms.GroupBox groupBox4;
private System.Windows.Forms.ComboBox comboBox4;
}
}
}

```

## A.1.4.-Imprime\_nuevas\_etiquetas

### A.1.4.1.- Imprime\_nuevas\_etiquetas.cs

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;

namespace Aplicacion_CATEC
{
    public partial class Imprime_nuevas_Etiquetas : Form
    {
        string puerto;
        string ancho;
        string alto;
        string distancia;

        public Imprime_nuevas_Etiquetas()
        {
            InitializeComponent();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            this.Close();
        }

        private void Imprime_nuevas_Etiquetas_Load(object sender, EventArgs e)
        {
            this.Text = "Imprimir Nuevas Etiquetas --> "+Form1.info_imprime_etiqueta;
        }
    }
}

```

```

private void button1_Click(object sender, EventArgs e)
{
    if (comboBox4.Text == "") MessageBox.Show("Especifique el puerto");
    else if (comboBox3.Text == "") MessageBox.Show("Especifique el formato");
    else
    {
        puerto = comboBox4.Text;

        switch (comboBox3.Text)
        {
            case "27x104mm":
                ancho = "1040";
                alto = "0270";
                distancia = "0300";
                break;

            case "76x80mm":
                ancho = "0800";
                alto = "0760";
                distancia = "0800";
                break;

            case "25x104mm":
                ancho = "1040";
                alto = "0250";
                distancia = "0300";
                break;
        }
        imprimir();
    }
}

private void imprimir()
{
    string texto;
    string id;

    if (checkBox1.Checked==true)
    {
        texto = Form1.codigo_catec;
        id = Form1.info_imprime_etiqueta;
    }
    else
    {
        texto = "";
        id = "";
    }

    if (contador.Value==0)
    {
        MessageBox.Show("Especifique el número de copias!!");
    }
    else
    {
        //Envio por el puerto serie linea a linea del protocolo de comando
        serialPort1.Close();
        serialPort1.PortName = puerto;
        serialPort1.Open();
        //Dimensiones del tag
        serialPort1.Write("{ " + distancia + ancho + ", " + alto + "|}");
        serialPort1.Write("{C|}"); //Buffer clear
        serialPort1.Write("{XB00;0000,0000,r,T24,G2=" +
Form1.info_imprime_etiqueta + "|}"); //Imprime en RFID y en hexadecimal el ID
        serialPort1.Write("@003;+0240|}");
        //Imprime en tinta el concepto del equipo a etiquetar
        serialPort1.Write("{PC000;0750,0135,1,1,Q,22,B=" + texto + "|}");
        //Imprime en tinta el IDentificador
        serialPort1.Write("{PC001;0800,0075,06,06,Q,22,B=id:" + id + "|}");
        //Imprime en tinta FADA-CATEC
        serialPort1.Write("{PC001;0750,0225,08,08,Q,22,B=FADA-CATEC |}");
    }
}

```





```

this.groupBox3 = new System.Windows.Forms.GroupBox();
this.comboBox3 = new System.Windows.Forms.ComboBox();
((System.ComponentModel.ISupportInitialize)(this.contador)).BeginInit();
this.groupBox4.SuspendLayout();
this.groupBox3.SuspendLayout();
this.SuspendLayout();
//
// boton1
//
this.button1.Location = new System.Drawing.Point(175, 132);
this.button1.Name = "button1";
this.button1.Size = new System.Drawing.Size(75, 23);
this.button1.TabIndex = 0;
this.button1.Text = "Imprimir";
this.button1.UseVisualStyleBackColor = true;
this.button1.Click += new System.EventHandler(this.button1_Click);
//
// boton2
//
this.button2.Location = new System.Drawing.Point(256, 132);
this.button2.Name = "button2";
this.button2.Size = new System.Drawing.Size(75, 23);
this.button2.TabIndex = 0;
this.button2.Text = "Cancelar";
this.button2.UseVisualStyleBackColor = true;
this.button2.Click += new System.EventHandler(this.button2_Click);
//
// contador
//
this.contador.Location = new System.Drawing.Point(175, 91);
this.contador.Name = "contador";
this.contador.Size = new System.Drawing.Size(89, 20);
this.contador.TabIndex = 1;
this.contador.Value = new decimal(new int[] {
1,
0,
0,
0});
//
// labell
//
this.labell1.Location = new System.Drawing.Point(19, 79);
this.labell1.Name = "labell1";
this.labell1.Size = new System.Drawing.Size(150, 32);
this.labell1.TabIndex = 2;
this.labell1.Text = "Seleccione el número de Etiquetas a Imprimir de nuevo:";
//
// checkBox1
//
this.checkBox1.AutoSize = true;
this.checkBox1.Location = new System.Drawing.Point(292, 94);
this.checkBox1.Name = "checkBox1";
this.checkBox1.Size = new System.Drawing.Size(50, 17);
this.checkBox1.TabIndex = 3;
this.checkBox1.Text = "Tinta";
this.checkBox1.UseVisualStyleBackColor = true;
//
// groupBox4
//
this.groupBox4.Controls.Add(this.comboBox4);
this.groupBox4.Location = new System.Drawing.Point(233, 16);
this.groupBox4.Name = "groupBox4";
this.groupBox4.Size = new System.Drawing.Size(164, 46);
this.groupBox4.TabIndex = 8;
this.groupBox4.TabStop = false;
this.groupBox4.Text = "Puerto Impresora";
//
// comboBox4
//
this.comboBox4.FormattingEnabled = true;
this.comboBox4.Items.AddRange(new object[] {
"COM1",
"COM2",
"COM3"});
this.comboBox4.Location = new System.Drawing.Point(17, 19);

```

```

        this.comboBox4.Name = "comboBox4";
        this.comboBox4.Size = new System.Drawing.Size(104, 21);
        this.comboBox4.TabIndex = 1;
        //
        // groupBox3
        //
        this.groupBox3.Controls.Add(this.comboBox3);
        this.groupBox3.Location = new System.Drawing.Point(22, 12);
        this.groupBox3.Name = "groupBox3";
        this.groupBox3.Size = new System.Drawing.Size(165, 50);
        this.groupBox3.TabIndex = 7;
        this.groupBox3.TabStop = false;
        this.groupBox3.Text = "Formato pegatinas";
        //
        // comboBox3
        //
        this.comboBox3.FormattingEnabled = true;
        this.comboBox3.Items.AddRange(new object[] {
            "27x104mm",
            "76x80mm",
            "25x104mm"});
        this.comboBox3.Location = new System.Drawing.Point(18, 19);
        this.comboBox3.Name = "comboBox3";
        this.comboBox3.Size = new System.Drawing.Size(104, 21);
        this.comboBox3.TabIndex = 0;
        //
        // Imprime_nuevas_Etiquetas
        //
        this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
        this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
        this.ClientSize = new System.Drawing.Size(464, 174);
        this.Controls.Add(this.groupBox4);
        this.Controls.Add(this.groupBox3);
        this.Controls.Add(this.checkBox1);
        this.Controls.Add(this.label1);
        this.Controls.Add(this.contador);
        this.Controls.Add(this.button2);
        this.Controls.Add(this.button1);
        this.Name = "Imprime_nuevas_Etiquetas";
        this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
        this.Text = "Imprime_nuevas_Etiquetas";
        this.Load += new System.EventHandler(this.Imprime_nuevas_Etiquetas_Load);
        ((System.ComponentModel.ISupportInitialize)(this.contador)).EndInit();
        this.groupBox4.ResumeLayout(false);
        this.groupBox3.ResumeLayout(false);
        this.ResumeLayout(false);
        this.PerformLayout();

    }

#endregion

private System.Windows.Forms.Button button1;
private System.Windows.Forms.Button button2;
private System.Windows.Forms.NumericUpDown contador;
private System.Windows.Forms.Label label1;
private System.Windows.Forms.CheckBox checkBox1;
private System.IO.Ports.SerialPort serialPort1;
private System.Windows.Forms.GroupBox groupBox4;
private System.Windows.Forms.ComboBox comboBox4;
private System.Windows.Forms.GroupBox groupBox;
private System.Windows.Forms.GroupBox groupBox3;
private System.Windows.Forms.ComboBox comboBox3;
}
}
}

```

## A.1.5.-Pfc\_db

### A.1.5.1.- Pfc\_db.Designer.cs

```

//-----
// <auto-generated>
// Este código fue generado por una herramienta.
// Versión del motor en tiempo de ejecución:2.0.50727.3603

```

```

//
// Los cambios en este archivo podrían causar un comportamiento incorrecto y se
perderán si
// se vuelve a generar el código.
// </auto-generated>
//-----

#pragma warning disable 1591

namespace Aplicacion_CATEC {

    /// <summary>
    /// Represents a strongly typed in-memory cache of data.
    /// </summary>

    [global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Data.Design.TypedDataSet
Generator", "2.0.0.0")]
    [global::System.Serializable()]
    [global::System.ComponentModel.DesignerCategoryAttribute("code")]
    [global::System.ComponentModel.ToolboxItem(true)]

    [global::System.Xml.Serialization.XmlSchemaProviderAttribute("GetTypedDataSetSchema")]
    [global::System.Xml.Serialization.XmlRootAttribute("pfc_db")]
    [global::System.ComponentModel.Design.HelpKeywordAttribute("vs.data.DataSet")]
    public partial class pfc_db : global::System.Data.DataSet {

        private global::System.Data.SchemaSerializationMode _schemaSerializationMode =
global::System.Data.SchemaSerializationMode.IncludeSchema;

        [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
        public pfc_db() {
            this.BeginInit();
            this.InitClass();
            global::System.ComponentModel.CollectionChangeEventHandler
schemaChangedHandler = new
global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);
            base.Tables.CollectionChanged += schemaChangedHandler;
            base.Relations.CollectionChanged += schemaChangedHandler;
            this.EndInit();
        }

        [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
        protected pfc_db(global::System.Runtime.Serialization.SerializationInfo info,
global::System.Runtime.Serialization.StreamingContext context) :
            base(info, context, false) {
            if ((this.IsBinarySerialized(info, context) == true)) {
                this.InitVars(false);
                global::System.ComponentModel.CollectionChangeEventHandler
schemaChangedHandler1 = new
global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);
                this.Tables.CollectionChanged += schemaChangedHandler1;
                this.Relations.CollectionChanged += schemaChangedHandler1;
                return;
            }
            string strSchema = ((string)(info.GetValue("XmlSchema", typeof(string))));
            if ((this.DetermineSchemaSerializationMode(info, context) ==
global::System.Data.SchemaSerializationMode.IncludeSchema)) {
                global::System.Data.DataSet ds = new global::System.Data.DataSet();
                ds.ReadXmlSchema(new global::System.Xml.XmlTextReader(new
global::System.IO.StringReader(strSchema)));
                this.DataSetName = ds.DataSetName;
                this.Prefix = ds.Prefix;
                this.Namespace = ds.Namespace;
                this.Locale = ds.Locale;
                this.CaseSensitive = ds.CaseSensitive;
                this.EnforceConstraints = ds.EnforceConstraints;
                this.Merge(ds, false, global::System.Data.MissingSchemaAction.Add);
                this.InitVars();
            }
            else {
                this.ReadXmlSchema(new global::System.Xml.XmlTextReader(new
global::System.IO.StringReader(strSchema)));
            }
            this.GetSerializationData(info, context);
        }
    }
}

```

```

        global::System.ComponentModel.CollectionChangeEventHandler
schemaChangedHandler = new
global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);
        base.Tables.CollectionChanged += schemaChangedHandler;
        this.Relations.CollectionChanged += schemaChangedHandler;
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
    [global::System.ComponentModel.BrowsableAttribute(true)]

    [global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.C
omponentModel.DesignerSerializationVisibility.Visible)]
    public override global::System.Data.SchemaSerializationMode
SchemaSerializationMode {
        get {
            return this._schemaSerializationMode;
        }
        set {
            this._schemaSerializationMode = value;
        }
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

    [global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.C
omponentModel.DesignerSerializationVisibility.Hidden)]
    public new global::System.Data.DataTableCollection Tables {
        get {
            return base.Tables;
        }
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

    [global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.C
omponentModel.DesignerSerializationVisibility.Hidden)]
    public new global::System.Data.DataRelationCollection Relations {
        get {
            return base.Relations;
        }
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
    protected override void InitializeDerivedDataSet() {
        this.BeginInit();
        this.InitClass();
        this.EndInit();
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
    public override global::System.Data.DataSet Clone() {
        pfc_db cln = ((pfc_db)(base.Clone()));
        cln.InitVars();
        cln.SchemaSerializationMode = this.SchemaSerializationMode;
        return cln;
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
    protected override bool ShouldSerializeTables() {
        return false;
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
    protected override bool ShouldSerializeRelations() {
        return false;
    }

    [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
    protected override void ReadXmlSerializable(global::System.Xml.XmlReader reader)
    {
        if ((this.DetermineSchemaSerializationMode(reader) ==
global::System.Data.SchemaSerializationMode.IncludeSchema)) {
            this.Reset();
            global::System.Data.DataSet ds = new global::System.Data.DataSet();
            ds.ReadXml(reader);

```

```

        this.DataSetName = ds.DataSetName;
        this.Prefix = ds.Prefix;
        this.Namespace = ds.Namespace;
        this.Locale = ds.Locale;
        this.CaseSensitive = ds.CaseSensitive;
        this.EnforceConstraints = ds.EnforceConstraints;
        this.Merge(ds, false, global::System.Data.MissingSchemaAction.Add);
        this.InitVars();
    }
    else {
        this.ReadXml(reader);
        this.InitVars();
    }
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
protected override global::System.Xml.Schema.XmlSchema GetSchemaSerializable() {
    global::System.IO.MemoryStream stream = new
global::System.IO.MemoryStream();
    this.WriteXmlSchema(new global::System.Xml.XmlTextWriter(stream, null));
    stream.Position = 0;
    return global::System.Xml.Schema.XmlSchema.Read(new
global::System.Xml.XmlTextReader(stream), null);
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
internal void InitVars() {
    this.InitVars(true);
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
internal void InitVars(bool initTable) {
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
private void InitClass() {
    this.DataSetName = "pfc_db";
    this.Prefix = "";
    this.Namespace = "http://tempuri.org/pfc_db.xsd";
    this.EnforceConstraints = true;
    this.SchemaSerializationMode =
global::System.Data.SchemaSerializationMode.IncludeSchema;
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
private void SchemaChanged(object sender,
global::System.ComponentModel.CollectionChangeEventArgs e) {
    if ((e.Action ==
global::System.ComponentModel.CollectionChangeAction.Remove)) {
        this.InitVars();
    }
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
public static global::System.Xml.Schema.XmlSchemaComplexType
GetTypedDataSetSchema(global::System.Xml.Schema.XmlSchemaSet xs) {
    pfc_db ds = new pfc_db();
    global::System.Xml.Schema.XmlSchemaComplexType type = new
global::System.Xml.Schema.XmlSchemaComplexType();
    global::System.Xml.Schema.XmlSchemaSequence sequence = new
global::System.Xml.Schema.XmlSchemaSequence();
    global::System.Xml.Schema.XmlSchemaAny any = new
global::System.Xml.Schema.XmlSchemaAny();
    any.Namespace = ds.Namespace;
    sequence.Items.Add(any);
    type.Particle = sequence;
    global::System.Xml.Schema.XmlSchema dsSchema = ds.GetSchemaSerializable();
    if (xs.Contains(dsSchema.TargetNamespace)) {
        global::System.IO.MemoryStream s1 = new
global::System.IO.MemoryStream();
        global::System.IO.MemoryStream s2 = new
global::System.IO.MemoryStream();
        try {
            global::System.Xml.Schema.XmlSchema schema = null;
            dsSchema.Write(s1);

```



```

public pfc_db() {
    this.BeginInit();
    this.InitClass();
    global::System.ComponentModel.CollectionChangeEventHandler
schemaChangedHandler = new
global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);
    base.Tables.CollectionChanged += schemaChangedHandler;
    base.Relations.CollectionChanged += schemaChangedHandler;
    this.EndInit();
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
protected pfc_db(global::System.Runtime.Serialization.SerializationInfo info,
global::System.Runtime.Serialization.StreamingContext context) :
    base(info, context, false) {
    if ((this.IsBinarySerialized(info, context) == true)) {
        this.InitVars(false);
        global::System.ComponentModel.CollectionChangeEventHandler
schemaChangedHandler1 = new
global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);
        this.Tables.CollectionChanged += schemaChangedHandler1;
        this.Relations.CollectionChanged += schemaChangedHandler1;
        return;
    }
    string strSchema = ((string)(info.GetValue("XmlSchema", typeof(string))));
    if ((this.DetermineSchemaSerializationMode(info, context) ==
global::System.Data.SchemaSerializationMode.IncludeSchema)) {
        global::System.Data.DataSet ds = new global::System.Data.DataSet();
        ds.ReadXmlSchema(new global::System.Xml.XmlTextReader(new
global::System.IO.StringReader(strSchema)));
        this.DataSetName = ds.DataSetName;
        this.Prefix = ds.Prefix;
        this.Namespace = ds.Namespace;
        this.Locale = ds.Locale;
        this.CaseSensitive = ds.CaseSensitive;
        this.EnforceConstraints = ds.EnforceConstraints;
        this.Merge(ds, false, global::System.Data.MissingSchemaAction.Add);
        this.InitVars();
    }
    else {
        this.ReadXmlSchema(new global::System.Xml.XmlTextReader(new
global::System.IO.StringReader(strSchema)));
    }
    this.GetSerializationData(info, context);
    global::System.ComponentModel.CollectionChangeEventHandler
schemaChangedHandler = new
global::System.ComponentModel.CollectionChangeEventHandler(this.SchemaChanged);
    base.Tables.CollectionChanged += schemaChangedHandler;
    base.Relations.CollectionChanged += schemaChangedHandler;
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
[global::System.ComponentModel.BrowsableAttribute(true)]

[global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.C
omponentModel.DesignerSerializationVisibility.Visible)]
public override global::System.Data.SchemaSerializationMode
SchemaSerializationMode {
    get {
        return this._schemaSerializationMode;
    }
    set {
        this._schemaSerializationMode = value;
    }
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.C
omponentModel.DesignerSerializationVisibility.Hidden)]
public new global::System.Data.DataTableCollection Tables {
    get {
        return base.Tables;
    }
}

```

```

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

[global::System.ComponentModel.DesignerSerializationVisibilityAttribute(global::System.C
omponentModel.DesignerSerializationVisibility.Hidden)]
public new global::System.Data.DataRelationCollection Relations {
    get {
        return base.Relations;
    }
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
protected override void InitializeDerivedDataSet() {
    this.BeginInit();
    this.InitClass();
    this.EndInit();
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
public override global::System.Data.DataSet Clone() {
    pfc_db cln = ((pfc_db)(base.Clone()));
    cln.InitVars();
    cln.SchemaSerializationMode = this.SchemaSerializationMode;
    return cln;
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
protected override bool ShouldSerializeTables() {
    return false;
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
protected override bool ShouldSerializeRelations() {
    return false;
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
protected override void ReadXmlSerializable(global::System.Xml.XmlReader reader)
{
    if ((this.DetermineSchemaSerializationMode(reader) ==
global::System.Data.SchemaSerializationMode.IncludeSchema)) {
        this.Reset();
        global::System.Data.DataSet ds = new global::System.Data.DataSet();
        ds.ReadXml(reader);
        this.DataSetName = ds.DataSetName;
        this.Prefix = ds.Prefix;
        this.Namespace = ds.Namespace;
        this.Locale = ds.Locale;
        this.CaseSensitive = ds.CaseSensitive;
        this.EnforceConstraints = ds.EnforceConstraints;
        this.Merge(ds, false, global::System.Data.MissingSchemaAction.Add);
        this.InitVars();
    }
    else {
        this.ReadXml(reader);
        this.InitVars();
    }
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
protected override global::System.Xml.Schema.XmlSchema GetSchemaSerializable() {
    global::System.IO.MemoryStream stream = new
global::System.IO.MemoryStream();
    this.WriteXmlSchema(new global::System.Xml.XmlTextWriter(stream, null));
    stream.Position = 0;
    return global::System.Xml.Schema.XmlSchema.Read(new
global::System.Xml.XmlTextReader(stream), null);
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
internal void InitVars() {
    this.InitVars(true);
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]

```



```

internal void InitVars(bool initTable) {
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
private void InitClass() {
    this.DataSetName = "pfc_db";
    this.Prefix = "";
    this.Namespace = "http://tempuri.org/pfc_db.xsd";
    this.EnforceConstraints = true;
    this.SchemaSerializationMode =
global::System.Data.SchemaSerializationMode.IncludeSchema;
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
private void SchemaChanged(object sender,
global::System.ComponentModel.CollectionChangeEventArgs e) {
    if ((e.Action ==
global::System.ComponentModel.CollectionChangeAction.Remove)) {
        this.InitVars();
    }
}

[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
public static global::System.Xml.Schema.XmlSchemaComplexType
GetTypedDataSetSchema(global::System.Xml.Schema.XmlSchemaSet xs) {
    pfc_db ds = new pfc_db();
    global::System.Xml.Schema.XmlSchemaComplexType type = new
global::System.Xml.Schema.XmlSchemaComplexType();
    global::System.Xml.Schema.XmlSchemaSequence sequence = new
global::System.Xml.Schema.XmlSchemaSequence();
    global::System.Xml.Schema.XmlSchemaAny any = new
global::System.Xml.Schema.XmlSchemaAny();
    any.Namespace = ds.Namespace;
    sequence.Items.Add(any);
    type.Particle = sequence;
    global::System.Xml.Schema.XmlSchema dsSchema = ds.GetSchemaSerializable();
    if (xs.Contains(dsSchema.TargetNamespace)) {
        global::System.IO.MemoryStream s1 = new
global::System.IO.MemoryStream();
        global::System.IO.MemoryStream s2 = new
global::System.IO.MemoryStream();
        try {
            global::System.Xml.Schema.XmlSchema schema = null;
            dsSchema.Write(s1);
            for (global::System.Collections.IEnumerator schemas =
xs.Schemas(dsSchema.TargetNamespace).GetEnumerator(); schemas.MoveNext(); ) {
                schema =
((global::System.Xml.Schema.XmlSchema)(schemas.Current));
                s2.SetLength(0);
                schema.Write(s2);
                if ((s1.Length == s2.Length)) {
                    s1.Position = 0;
                    s2.Position = 0;
                    for (; ((s1.Position != s1.Length)
                        && (s1.ReadByte() == s2.ReadByte())); ) {
                        ;
                    }
                    if ((s1.Position == s1.Length)) {
                        return type;
                    }
                }
            }
        }
        finally {
            if ((s1 != null)) {
                s1.Close();
            }
            if ((s2 != null)) {
                s2.Close();
            }
        }
    }
    xs.Add(dsSchema);
    return type;
}

```

```
}  
}
```

```
#pragma warning restore 1591
```

## A.1.6.- Program

### A.1.6.1.-Program.cs

```
using System;  
using System.Collections.Generic;  
using System.Linq;  
using System.Windows.Forms;  
  
namespace Aplicacion_CATEC  
{  
    static class Program  
    {  
        /// <summary>  
        /// The main entry point for the application.  
        /// </summary>  
        [STAThread]  
        static void Main()  
        {  
            Application.EnableVisualStyles();  
            Application.SetCompatibleTextRenderingDefault(false);  
            Application.Run(new Form1());  
        }  
    }  
}
```

## A.2.- CONSOLA DE CONSULTA

### A.2.1.-Form1

#### A.2.1.1.- Form1.cs

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

namespace WindowsFormsApplication1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();

            private void db_CATECBindingNavigatorSaveItem_Click(object sender, EventArgs e)
            {
                this.Validate();
                this.db_CATECBindingSource.EndEdit();
                this.tableAdapterManager.UpdateAll(this.dataSet1);
            }

            private void Form1_Load(object sender, EventArgs e)
            {
                // TODO: esta línea de código carga datos en la tabla
                'dataSet1.Registro_uso' Puede moverla o quitarla según sea necesario.
                this.registro_usoTableAdapter.Fill(this.dataSet1.Registro_uso);
                // TODO: esta línea de código carga datos en la tabla 'dataSet1.db_CATEC'
                Puede moverla o quitarla según sea necesario.
                this.db_CATECTableAdapter.Fill(this.dataSet1.db_CATEC);
                this.label1.Text = "N° de Entradas: " +
                this.db_CATECTableAdapter.ScalarQuery();
            }

            private void linkLabel1_LinkClicked(object sender, LinkLabelLinkClickedEventArgs
e)
            {
                this.db_CATECTableAdapter.Fill(this.dataSet1.db_CATEC);
                this.label1.Text = "N° de Entradas: " +
                this.db_CATECTableAdapter.ScalarQuery();
                this.label4.Text = "Inventario actualizado: " + DateTime.Now.ToString();
            }

            private void linkLabel2_LinkClicked(object sender, LinkLabelLinkClickedEventArgs
e)
            {
                this.registro_usoTableAdapter.Fill(this.dataSet1.Registro_uso);
                label2.Text = "Registro actualizado: " + DateTime.Now.ToString();
            }
        }
    }
}
```

#### A.2.1.2.- Form1.Designer.cs

```
namespace WindowsFormsApplication1
{
    partial class Form1
    {
        /// <summary>
```

```

/// Variable del diseñador requerida.
/// </summary>
private System.ComponentModel.IContainer components = null;

/// <summary>
/// Limpiar los recursos que se estén utilizando.
/// </summary>
/// <param name="disposing">true si los recursos administrados se deben
eliminar; false en caso contrario, false.</param>
protected override void Dispose(bool disposing)
{
    if (disposing && (components != null))
    {
        components.Dispose();
    }
    base.Dispose(disposing);
}

#region Código generado por el Diseñador de Windows Forms

/// <summary>
/// Método necesario para admitir el Diseñador. No se puede modificar
/// el contenido del método con el editor de código.
/// </summary>
private void InitializeComponent()
{
    this.components = new System.ComponentModel.Container();
    System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(Form1));
    this.label1 = new System.Windows.Forms.Label();
    this.linkLabel1 = new System.Windows.Forms.LinkLabel();
    this.tabControl1 = new System.Windows.Forms.TabControl();
    this.tabPage1 = new System.Windows.Forms.TabPage();
    this.db_CATECDataGridView = new System.Windows.Forms.DataGridView();
    this.dataGridViewTextBoxColumn1 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn2 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn3 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn4 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn5 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn6 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn7 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn8 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn9 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn10 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn11 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn12 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn13 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn14 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn15 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn16 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn17 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn18 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn19 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
    this.dataGridViewTextBoxColumn20 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
}

```

```

        this.dataGridViewTextBoxColumn21 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn22 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn23 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn24 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.db_CATECBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.dataSet1 = new WindowsFormsApplication1.DataSet1();
        this.tabPage2 = new System.Windows.Forms.TabPage();
        this.label3 = new System.Windows.Forms.Label();
        this.label2 = new System.Windows.Forms.Label();
        this.linkLabel2 = new System.Windows.Forms.LinkLabel();
        this.registro_usoDataGridView = new System.Windows.Forms.DataGridView();
        this.dataGridViewTextBoxColumn26 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn27 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn28 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.dataGridViewTextBoxColumn29 = new
System.Windows.Forms.DataGridViewTextBoxColumn();
        this.registro_usoBindingSource = new
System.Windows.Forms.BindingSource(this.components);
        this.pictureBox1 = new System.Windows.Forms.PictureBox();
        this.pictureBox2 = new System.Windows.Forms.PictureBox();
        this.db_CATECTableAdapter = new
WindowsFormsApplication1.DataSet1TableAdapters.db_CATECTableAdapter();
        this.tableAdapterManager = new
WindowsFormsApplication1.DataSet1TableAdapters.TableAdapterManager();
        this.registro_usoTableAdapter = new
WindowsFormsApplication1.DataSet1TableAdapters.Registro_usoTableAdapter();
        this.label4 = new System.Windows.Forms.Label();
        this.tabControl1.SuspendLayout();
        this.tabPage1.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.db_CATECDataGridView)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.db_CATECBindingSource)).BeginInit();
((System.ComponentModel.ISupportInitialize)(this.dataSet1)).BeginInit();
        this.tabPage2.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.registro_usoDataGridView)).BeginInit();

((System.ComponentModel.ISupportInitialize)(this.registro_usoBindingSource)).BeginInit();
;
        ((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).BeginInit();
        ((System.ComponentModel.ISupportInitialize)(this.pictureBox2)).BeginInit();
        this.SuspendLayout();
        //
        // label1
        //
        this.label1.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Left)));
        this.label1.AutoSize = true;
        this.label1.Location = new System.Drawing.Point(6, 485);
        this.label1.Name = "label1";
        this.label1.Size = new System.Drawing.Size(35, 13);
        this.label1.TabIndex = 2;
        this.label1.Text = "label1";
        //
        // linkLabel1
        //
        this.linkLabel1.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Right)));
        this.linkLabel1.AutoSize = true;
        this.linkLabel1.Cursor = System.Windows.Forms.Cursors.Hand;
        this.linkLabel1.Location = new System.Drawing.Point(808, 485);
        this.linkLabel1.Name = "linkLabel1";
        this.linkLabel1.Size = new System.Drawing.Size(53, 13);
        this.linkLabel1.TabIndex = 3;

```

```

        this.linkLabel1.TabStop = true;
        this.linkLabel1.Text = "Actualizar";
        this.linkLabel1.LinkClicked += new
System.Windows.Forms.LinkLabelLinkClickedEventHandler(this.linkLabel1_LinkClicked);
        //
        // tabControll
        //
        this.tabControll1.Anchor =
((System.Windows.Forms.AnchorStyles)((((System.Windows.Forms.AnchorStyles.Top |
System.Windows.Forms.AnchorStyles.Bottom)
        | System.Windows.Forms.AnchorStyles.Left)
        | System.Windows.Forms.AnchorStyles.Right)));
        this.tabControll1.Controls.Add(this.tabPage1);
        this.tabControll1.Controls.Add(this.tabPage2);
        this.tabControll1.Font = new System.Drawing.Font("Microsoft Sans Serif",
8.25F);

        this.tabControll1.Location = new System.Drawing.Point(12, 12);
        this.tabControll1.Name = "tabControll1";
        this.tabControll1.SelectedIndex = 0;
        this.tabControll1.Size = new System.Drawing.Size(892, 540);
        this.tabControll1.TabIndex = 4;
        //
        // tabPage1
        //
        this.tabPage1.Controls.Add(this.label4);
        this.tabPage1.Controls.Add(this.db_CATECDataGridView);
        this.tabPage1.Controls.Add(this.linkLabel1);
        this.tabPage1.Controls.Add(this.label1);
        this.tabPage1.Location = new System.Drawing.Point(4, 22);
        this.tabPage1.Name = "tabPage1";
        this.tabPage1.Padding = new System.Windows.Forms.Padding(3);
        this.tabPage1.Size = new System.Drawing.Size(884, 514);
        this.tabPage1.TabIndex = 0;
        this.tabPage1.Text = "Inventario";
        this.tabPage1.UseVisualStyleBackColor = true;
        //
        // db_CATECDataGridView
        //
        this.db_CATECDataGridView.AllowUserToAddRows = false;
        this.db_CATECDataGridView.AllowUserToDeleteRows = false;
        this.db_CATECDataGridView.Anchor =
((System.Windows.Forms.AnchorStyles)((((System.Windows.Forms.AnchorStyles.Top |
System.Windows.Forms.AnchorStyles.Bottom)
        | System.Windows.Forms.AnchorStyles.Left)
        | System.Windows.Forms.AnchorStyles.Right)));
        this.db_CATECDataGridView.AutoGenerateColumns = false;
        this.db_CATECDataGridView.ColumnHeadersHeightSizeMode =
System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;
        this.db_CATECDataGridView.Columns.AddRange(new
System.Windows.Forms.DataGridViewColumn[] {
        this.dataGridViewTextBoxColumn1,
        this.dataGridViewTextBoxColumn2,
        this.dataGridViewTextBoxColumn3,
        this.dataGridViewTextBoxColumn4,
        this.dataGridViewTextBoxColumn5,
        this.dataGridViewTextBoxColumn6,
        this.dataGridViewTextBoxColumn7,
        this.dataGridViewTextBoxColumn8,
        this.dataGridViewTextBoxColumn9,
        this.dataGridViewTextBoxColumn10,
        this.dataGridViewTextBoxColumn11,
        this.dataGridViewTextBoxColumn12,
        this.dataGridViewTextBoxColumn13,
        this.dataGridViewTextBoxColumn14,
        this.dataGridViewTextBoxColumn15,
        this.dataGridViewTextBoxColumn16,
        this.dataGridViewTextBoxColumn17,
        this.dataGridViewTextBoxColumn18,
        this.dataGridViewTextBoxColumn19,
        this.dataGridViewTextBoxColumn20,
        this.dataGridViewTextBoxColumn21,
        this.dataGridViewTextBoxColumn22,
        this.dataGridViewTextBoxColumn23,
        this.dataGridViewTextBoxColumn24});
        this.db_CATECDataGridView.DataSource = this.db_CATECBindingSource;

```

```

this.db_CATECDataGridView.Location = new System.Drawing.Point(9, 16);
this.db_CATECDataGridView.Name = "db_CATECDataGridView";
this.db_CATECDataGridView.Size = new System.Drawing.Size(852, 457);
this.db_CATECDataGridView.TabIndex = 0;
//
// dataGridViewTextBoxColumn1
//
this.dataGridViewTextBoxColumn1.DataPropertyName = "ID";
this.dataGridViewTextBoxColumn1.HeaderText = "ID";
this.dataGridViewTextBoxColumn1.Name = "dataGridViewTextBoxColumn1";
//
// dataGridViewTextBoxColumn2
//
this.dataGridViewTextBoxColumn2.DataPropertyName = "Concepto";
this.dataGridViewTextBoxColumn2.HeaderText = "Concepto";
this.dataGridViewTextBoxColumn2.Name = "dataGridViewTextBoxColumn2";
//
// dataGridViewTextBoxColumn3
//
this.dataGridViewTextBoxColumn3.DataPropertyName = "Departamento";
this.dataGridViewTextBoxColumn3.HeaderText = "Departamento";
this.dataGridViewTextBoxColumn3.Name = "dataGridViewTextBoxColumn3";
//
// dataGridViewTextBoxColumn4
//
this.dataGridViewTextBoxColumn4.DataPropertyName = "Responsable";
this.dataGridViewTextBoxColumn4.HeaderText = "Responsable";
this.dataGridViewTextBoxColumn4.Name = "dataGridViewTextBoxColumn4";
//
// dataGridViewTextBoxColumn5
//
this.dataGridViewTextBoxColumn5.DataPropertyName = "Tipo";
this.dataGridViewTextBoxColumn5.HeaderText = "Tipo";
this.dataGridViewTextBoxColumn5.Name = "dataGridViewTextBoxColumn5";
//
// dataGridViewTextBoxColumn6
//
this.dataGridViewTextBoxColumn6.DataPropertyName = "Unidades";
this.dataGridViewTextBoxColumn6.HeaderText = "Unidades";
this.dataGridViewTextBoxColumn6.Name = "dataGridViewTextBoxColumn6";
//
// dataGridViewTextBoxColumn7
//
this.dataGridViewTextBoxColumn7.DataPropertyName = "Localizacion";
this.dataGridViewTextBoxColumn7.HeaderText = "Localizacion";
this.dataGridViewTextBoxColumn7.Name = "dataGridViewTextBoxColumn7";
//
// dataGridViewTextBoxColumn8
//
this.dataGridViewTextBoxColumn8.DataPropertyName = "Ultimo_Usuario";
this.dataGridViewTextBoxColumn8.HeaderText = "Ultimo_Usuario";
this.dataGridViewTextBoxColumn8.Name = "dataGridViewTextBoxColumn8";
//
// dataGridViewTextBoxColumn9
//
this.dataGridViewTextBoxColumn9.DataPropertyName = "Codigo_Producto";
this.dataGridViewTextBoxColumn9.HeaderText = "Codigo_Producto";
this.dataGridViewTextBoxColumn9.Name = "dataGridViewTextBoxColumn9";
//
// dataGridViewTextBoxColumn10
//
this.dataGridViewTextBoxColumn10.DataPropertyName = "Codigo_Catec";
this.dataGridViewTextBoxColumn10.HeaderText = "Codigo_Catec";
this.dataGridViewTextBoxColumn10.Name = "dataGridViewTextBoxColumn10";
//
// dataGridViewTextBoxColumn11
//
this.dataGridViewTextBoxColumn11.DataPropertyName =
"Historico_Intervenciones";
this.dataGridViewTextBoxColumn11.HeaderText = "Historico_Intervenciones";
this.dataGridViewTextBoxColumn11.Name = "dataGridViewTextBoxColumn11";
//
// dataGridViewTextBoxColumn12
//
this.dataGridViewTextBoxColumn12.DataPropertyName = "Plan_Mantenimiento";

```

```

this.dataGridViewTextBoxColumn12.HeaderText = "Plan_Mantenimiento";
this.dataGridViewTextBoxColumn12.Name = "dataGridViewTextBoxColumn12";
//
// dataGridViewTextBoxColumn13
//
this.dataGridViewTextBoxColumn13.DataPropertyName = "Ficha_Mantenimiento";
this.dataGridViewTextBoxColumn13.HeaderText = "Ficha_Mantenimiento";
this.dataGridViewTextBoxColumn13.Name = "dataGridViewTextBoxColumn13";
//
// dataGridViewTextBoxColumn14
//
this.dataGridViewTextBoxColumn14.DataPropertyName = "Tipo_Licencia";
this.dataGridViewTextBoxColumn14.HeaderText = "Tipo_Licencia";
this.dataGridViewTextBoxColumn14.Name = "dataGridViewTextBoxColumn14";
//
// dataGridViewTextBoxColumn15
//
this.dataGridViewTextBoxColumn15.DataPropertyName = "Numero_Licencia";
this.dataGridViewTextBoxColumn15.HeaderText = "Numero_Licencia";
this.dataGridViewTextBoxColumn15.Name = "dataGridViewTextBoxColumn15";
//
// dataGridViewTextBoxColumn16
//
this.dataGridViewTextBoxColumn16.DataPropertyName = "Caducidad_Licencia";
this.dataGridViewTextBoxColumn16.HeaderText = "Caducidad_Licencia";
this.dataGridViewTextBoxColumn16.Name = "dataGridViewTextBoxColumn16";
//
// dataGridViewTextBoxColumn17
//
this.dataGridViewTextBoxColumn17.DataPropertyName = "Equipo_Usuario";
this.dataGridViewTextBoxColumn17.HeaderText = "Equipo_Usuario";
this.dataGridViewTextBoxColumn17.Name = "dataGridViewTextBoxColumn17";
//
// dataGridViewTextBoxColumn18
//
this.dataGridViewTextBoxColumn18.DataPropertyName = "Fecha_Alta";
this.dataGridViewTextBoxColumn18.HeaderText = "Fecha_Alta";
this.dataGridViewTextBoxColumn18.Name = "dataGridViewTextBoxColumn18";
//
// dataGridViewTextBoxColumn19
//
this.dataGridViewTextBoxColumn19.DataPropertyName = "Fecha_Baja";
this.dataGridViewTextBoxColumn19.HeaderText = "Fecha_Baja";
this.dataGridViewTextBoxColumn19.Name = "dataGridViewTextBoxColumn19";
//
// dataGridViewTextBoxColumn20
//
this.dataGridViewTextBoxColumn20.DataPropertyName = "Estado";
this.dataGridViewTextBoxColumn20.HeaderText = "Estado";
this.dataGridViewTextBoxColumn20.Name = "dataGridViewTextBoxColumn20";
//
// dataGridViewTextBoxColumn21
//
this.dataGridViewTextBoxColumn21.DataPropertyName = "Proveedor";
this.dataGridViewTextBoxColumn21.HeaderText = "Proveedor";
this.dataGridViewTextBoxColumn21.Name = "dataGridViewTextBoxColumn21";
//
// dataGridViewTextBoxColumn22
//
this.dataGridViewTextBoxColumn22.DataPropertyName = "Fecha_Recepcion";
this.dataGridViewTextBoxColumn22.HeaderText = "Fecha_Recepcion";
this.dataGridViewTextBoxColumn22.Name = "dataGridViewTextBoxColumn22";
//
// dataGridViewTextBoxColumn23
//
this.dataGridViewTextBoxColumn23.DataPropertyName = "Imagen";
this.dataGridViewTextBoxColumn23.HeaderText = "Imagen";
this.dataGridViewTextBoxColumn23.Name = "dataGridViewTextBoxColumn23";
//
// dataGridViewTextBoxColumn24
//
this.dataGridViewTextBoxColumn24.DataPropertyName = "Notas";
this.dataGridViewTextBoxColumn24.HeaderText = "Notas";
this.dataGridViewTextBoxColumn24.Name = "dataGridViewTextBoxColumn24";
//

```



```

// db_CATECBindingSource
//
this.db_CATECBindingSource.DataMember = "db_CATEC";
this.db_CATECBindingSource.DataSource = this.dataSet1;
//
// dataSet1
//
this.dataSet1.DataSetName = "DataSet1";
this.dataSet1.SchemaSerializationMode =
System.Data.SchemaSerializationMode.IncludeSchema;
//
// tabPage2
//
this.tabPage2.Controls.Add(this.label3);
this.tabPage2.Controls.Add(this.label2);
this.tabPage2.Controls.Add(this.linkLabel2);
this.tabPage2.Controls.Add(this.registro_usoDataGridView);
this.tabPage2.Location = new System.Drawing.Point(4, 22);
this.tabPage2.Name = "tabPage2";
this.tabPage2.Padding = new System.Windows.Forms.Padding(3);
this.tabPage2.Size = new System.Drawing.Size(884, 514);
this.tabPage2.TabIndex = 1;
this.tabPage2.Text = "Registro Uso";
this.tabPage2.UseVisualStyleBackColor = true;
//
// label3
//
this.label3.Anchor = System.Windows.Forms.AnchorStyles.Top;
this.label3.AutoSize = true;
this.label3.Font = new System.Drawing.Font("Georgia", 9.75F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)0));
this.label3.Location = new System.Drawing.Point(256, 18);
this.label3.Name = "label3";
this.label3.Size = new System.Drawing.Size(321, 16);
this.label3.TabIndex = 3;
this.label3.Text = "REGISTRO USO DE EQUIPOS DE MEDICIÓN";
//
// label2
//
this.label2.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Left)));
this.label2.AutoSize = true;
this.label2.Location = new System.Drawing.Point(15, 480);
this.label2.Name = "label2";
this.label2.Size = new System.Drawing.Size(106, 13);
this.label2.TabIndex = 2;
this.label2.Text = "Registro actualizado:";
//
// linkLabel2
//
this.linkLabel2.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Right)));
this.linkLabel2.AutoSize = true;
this.linkLabel2.Location = new System.Drawing.Point(812, 485);
this.linkLabel2.Name = "linkLabel2";
this.linkLabel2.Size = new System.Drawing.Size(53, 13);
this.linkLabel2.TabIndex = 1;
this.linkLabel2.TabStop = true;
this.linkLabel2.Text = "Actualizar";
this.linkLabel2.LinkClicked += new
System.Windows.Forms.LinkLabelLinkClickedEventHandler(this.linkLabel2_LinkClicked);
//
// registro_usoDataGridView
//
this.registro_usoDataGridView.AllowUserToAddRows = false;
this.registro_usoDataGridView.AllowUserToDeleteRows = false;
this.registro_usoDataGridView.Anchor =
((System.Windows.Forms.AnchorStyles)((((System.Windows.Forms.AnchorStyles.Top |
System.Windows.Forms.AnchorStyles.Bottom)
| System.Windows.Forms.AnchorStyles.Left)
| System.Windows.Forms.AnchorStyles.Right)));
this.registro_usoDataGridView.AutoGenerateColumns = false;

```

```

        this.registro_usoDataGridView.AutoSizeColumnsMode =
System.Windows.Forms.DataGridViewAutoSizeColumnsMode.Fill;
        this.registro_usoDataGridView.ColumnHeadersHeightSizeMode =
System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;
        this.registro_usoDataGridView.Columns.AddRange(new
System.Windows.Forms.DataGridViewColumn[] {
            this.dataGridViewTextBoxColumn26,
            this.dataGridViewTextBoxColumn27,
            this.dataGridViewTextBoxColumn28,
            this.dataGridViewTextBoxColumn29});
        this.registro_usoDataGridView.DataSource = this.registro_usoBindingSource;
        this.registro_usoDataGridView.Location = new System.Drawing.Point(15, 52);
        this.registro_usoDataGridView.Name = "registro_usoDataGridView";
        this.registro_usoDataGridView.Size = new System.Drawing.Size(852, 421);
        this.registro_usoDataGridView.TabIndex = 0;
        //
        // dataGridViewTextBoxColumn26
        //
        this.dataGridViewTextBoxColumn26.DataPropertyName = "Equipo";
        this.dataGridViewTextBoxColumn26.HeaderText = "Equipo";
        this.dataGridViewTextBoxColumn26.Name = "dataGridViewTextBoxColumn26";
        //
        // dataGridViewTextBoxColumn27
        //
        this.dataGridViewTextBoxColumn27.DataPropertyName = "Usuario";
        this.dataGridViewTextBoxColumn27.HeaderText = "Usuario";
        this.dataGridViewTextBoxColumn27.Name = "dataGridViewTextBoxColumn27";
        //
        // dataGridViewTextBoxColumn28
        //
        this.dataGridViewTextBoxColumn28.DataPropertyName = "Disponibilidad";
        this.dataGridViewTextBoxColumn28.HeaderText = "Disponibilidad";
        this.dataGridViewTextBoxColumn28.Name = "dataGridViewTextBoxColumn28";
        //
        // dataGridViewTextBoxColumn29
        //
        this.dataGridViewTextBoxColumn29.DataPropertyName = "Fecha";
        this.dataGridViewTextBoxColumn29.HeaderText = "Fecha";
        this.dataGridViewTextBoxColumn29.Name = "dataGridViewTextBoxColumn29";
        //
        // registro_usoBindingSource
        //
        this.registro_usoBindingSource.DataMember = "Registro_uso";
        this.registro_usoBindingSource.DataSource = this.dataSet1;
        //
        // pictureBox1
        //
        this.pictureBox1.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Right)));
        this.pictureBox1.BackgroundImageLayout =
System.Windows.Forms.ImageLayout.None;
        this.pictureBox1.Enabled = false;
        this.pictureBox1.Image =
((System.Drawing.Image)(resources.GetObject("pictureBox1.Image")));
        this.pictureBox1.InitialImage =
((System.Drawing.Image)(resources.GetObject("pictureBox1.InitialImage")));
        this.pictureBox1.Location = new System.Drawing.Point(721, 558);
        this.pictureBox1.Name = "pictureBox1";
        this.pictureBox1.Size = new System.Drawing.Size(179, 64);
        this.pictureBox1.SizeMode =
System.Windows.Forms.PictureBoxSizeMode.StretchImage;
        this.pictureBox1.TabIndex = 5;
        this.pictureBox1.TabStop = false;
        //
        // pictureBox2
        //
        this.pictureBox2.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Left)));
        this.pictureBox2.BackgroundImageLayout =
System.Windows.Forms.ImageLayout.None;
        this.pictureBox2.Enabled = false;
        this.pictureBox2.Image =
((System.Drawing.Image)(resources.GetObject("pictureBox2.Image")));

```

```

        this.pictureBox2.InitialImage =
((System.Drawing.Image)(resources.GetObject("pictureBox2.InitialImage")));
        this.pictureBox2.Location = new System.Drawing.Point(12, 558);
        this.pictureBox2.Name = "pictureBox2";
        this.pictureBox2.Size = new System.Drawing.Size(179, 64);
        this.pictureBox2.SizeMode =
System.Windows.Forms.PictureBoxSizeMode.StretchImage;
        this.pictureBox2.TabIndex = 6;
        this.pictureBox2.TabStop = false;
        //
        // db_CATECTableAdapter
        //
        this.db_CATECTableAdapter.ClearBeforeFill = true;
        //
        // tableAdapterManager
        //
        this.tableAdapterManager.BackupDataSetBeforeUpdate = false;
        this.tableAdapterManager.db_CATECTableAdapter = this.db_CATECTableAdapter;
        this.tableAdapterManager.Registro_usoTableAdapter =
this.registro_usoTableAdapter;
        this.tableAdapterManager.UpdateOrder =
WindowsFormsApplication1.DataSet1TableAdapters.TableAdapterManager.UpdateOrderOption.Ins
ertUpdateDelete;
        //
        // registro_usoTableAdapter
        //
        this.registro_usoTableAdapter.ClearBeforeFill = true;
        //
        // label4
        //
        this.label4.Anchor =
((System.Windows.Forms.AnchorStyles)((System.Windows.Forms.AnchorStyles.Bottom |
System.Windows.Forms.AnchorStyles.Left)));
        this.label4.AutoSize = true;
        this.label4.Location = new System.Drawing.Point(358, 485);
        this.label4.Name = "label4";
        this.label4.Size = new System.Drawing.Size(114, 13);
        this.label4.TabIndex = 4;
        this.label4.Text = "Inventario actualizado:";
        //
        // Form1
        //
        this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
        this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
        this.ClientSize = new System.Drawing.Size(916, 634);
        this.Controls.Add(this.pictureBox2);
        this.Controls.Add(this.pictureBox1);
        this.Controls.Add(this.tabControl1);
        this.Name = "Form1";
        this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
        this.Text = "VISUALIZADOR -CATEC-";
        this.Load += new System.EventHandler(this.Form1_Load);
        this.tabControl1.ResumeLayout(false);
        this.tabPage1.ResumeLayout(false);
        this.tabPage1.PerformLayout();

((System.ComponentModel.ISupportInitialize)(this.db_CATECDataGridView)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.db_CATECBindingSource)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.dataSet1)).EndInit();
        this.tabPage2.ResumeLayout(false);
        this.tabPage2.PerformLayout();

((System.ComponentModel.ISupportInitialize)(this.registro_usoDataGridView)).EndInit();

((System.ComponentModel.ISupportInitialize)(this.registro_usoBindingSource)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.pictureBox2)).EndInit();
        this.ResumeLayout(false);

    }

#endregion

private DataSet1 dataSet1;

```

```

        private System.Windows.Forms.BindingSource db_CATECBindingSource;
        private WindowsFormsApplication1.DataSet1TableAdapters.db_CATECTableAdapter
db_CATECTableAdapter;
        private WindowsFormsApplication1.DataSet1TableAdapters.TableAdapterManager
tableAdapterManager;
        private System.Windows.Forms.Label label1;
        private System.Windows.Forms.LinkLabel linkLabel1;
        private System.Windows.Forms.TabControl tabControl1;
        private System.Windows.Forms.TabPage tabPage1;
        private System.Windows.Forms.TabPage tabPage2;
        private System.Windows.Forms.DataGridView db_CATECDataGridView;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn1;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn2;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn3;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn4;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn5;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn6;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn7;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn8;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn9;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn10;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn11;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn12;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn13;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn14;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn15;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn16;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn17;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn18;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn19;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn20;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn21;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn22;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn23;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn24;
        private WindowsFormsApplication1.DataSet1TableAdapters.Registro_usoTableAdapter
registro_usoTableAdapter;
        private System.Windows.Forms.BindingSource registro_usoBindingSource;
        private System.Windows.Forms.DataGridView registro_usoDataGridView;
        private System.Windows.Forms.PictureBox pictureBox1;
        private System.Windows.Forms.LinkLabel linkLabel2;
        private System.Windows.Forms.Label label2;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn26;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn27;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn28;
        private System.Windows.Forms.DataGridViewTextBoxColumn
dataGridViewTextBoxColumn29;
        private System.Windows.Forms.Label label3;

```

```

        private System.Windows.Forms.PictureBox pictureBox2;
        private System.Windows.Forms.Label label4;
    }
}

```

## A.2.3.- Program

### A.2.3.1.- Program.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Windows.Forms;

namespace WindowsFormsApplication1
{
    static class Program
    {
        /// <summary>
        /// Punto de entrada principal para la aplicación.
        /// </summary>
        [STAThread]
        static void Main()
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new Form1());
        }
    }
}

```