

ABSTRACT

This project has got as main purpose performing a “Service for the Management of Clinical Practice Guidelines in XML”. To check and supplement the service, a client with web interface has been developed.

The service allows to add a Clinical Practice Guidelines (CPG) into database, delete CPG, validate CPGs, show the CPGs of one or all collections, look for specific guidelines according to criteria and consult a GPC’s criterion. This Service has two configuration files which provide flexibility because they allow to change files’s path or service’s parameters without service being affected.

To get the Web Application works, it is used:

- XIndice is a XML Native Database, it store a XML document entirely.
- Tomcat is a servlet container. Tomcat contains all files related to the application.
- JSP (JavaServer Pages) is a technology that provides a simplified, fast way to create dynamic web content.

User accesses the service through the client provides to the service the necessary parameters to weigh out the desired management. Service performs necesaries operations consulting the database. The service returns the result of the query to the client. The client shows this result to the user. Application’s Servlet is responsible for indicate to service the management to perform.

Service facilitates the management of the Clinical Practice Guidelines within a set of information systems in a healthcare organization. It draws attention for its versatility, flexibility and easy use by the Web application created.