



Clinical Protocol

Project Scope

- The proposed project is for the development of a separate module to automate capture of Clinical Protocols and provide API for integration with existing systems
- Third parties need this module to form a part of existing workflow or an extension to the existing workflow and will have protocols based on pre-defined logic for all the clinical procedures covered
- As per the leading practices, we are proposing three layered architecture for clinical protocol system. Web service integration method shall be used to integrate both the applications. The data exchange between third party systems and clinical protocol system shall be in HL7 and XML form

Key Challenges

- To eliminate the errors arising out of erroneous documents uploads during pre-authorization by Medical Coordinators
- To validate number of documents uploaded during the pre-authorization
- To verify the documents and their screening for approvals
- Generate reports for analysis
- Build a comprehensive database for all procedures

Key Challenges

- Integrated Web Application as per features and functionalities provided in RFP & FRS
- System & User Account logging (Audit trails) on every action and transactions in the application
- Quality data and information management
- Scalable integration workflow for Application
- Clinical Protocol integration with Applications Pre-Authorization process
- Management control and DSS (Decision Support System) for better management process
- Multilingual (Unicode) support for CP Application GUI for better regional scalability
- Better report generation and dashboard for Users
- Single Sign-On and Automatic Sign-On for Application Users and External Authorized Users

Benefits

- Proper Workflow Management with combination of Clinical Protocol Modules
- Timely Notification for the Users in the System
- All Notifications & Updates Available, and Properly Channeled to the Clients
- User Security with Role-Based Access
- Data Protection from Unauthorized Access