**Patient Explorer**

Stake holders of Patient Explorer Project: Client, Business Analyst, Configuration Manager, Architect, Developers, Test Manager, Test Lead, Test Engineer, Release Engineer

Process to be followed by our company: In our project we are using agile model, it is repetitive and iterative process, and because of agile everyone is involved from initial stage. The requirements will be collected from client in the form of CRS document by business analyst, using CRS document the Functional Specification (FS) document is derived by business analyst, and document is sent for reviews to developers, test manager and architect, after reviewing the document they come up with review comments and these review comments are incorporated by FS author. After completing the review process the document is signed by reviewers and released.

This FS document is derived in to Design Specification Document (DS) by developer, similarly FS is derived in to test specification document by test manager and it is handover to testers to write scenarios and test cases.

The developers will start coding and after completion of coding, coding is saved it in a zip file, it is called as build 01 and given to test lead, he will hand over to installation engineers to install in all test engineers computers, then test lead will conduct meeting with all testers to inform that particular build has been installed in all your computers then start testing. Then we will start testing, if any bugs find, we prepares defect report and mail it to test manager, he forward to senior developer, he come to know by seeing the bug who has developed, then he mail to respective developer. We have one SI (System integration) minor releases per month, we check it is able accept the data and also to test implementation of requirements is satisfied or not and after four SI releases we will do one major release that is Integration Release(IT).

**Project Summary:**

Patient Explorer is used to register patient’s data, modify patient data & delete patient data. Patient Explorer can have multiple views, we can shift from one view to another view. To register a patient: five demographics are mandatory they, are Last name, First name, Date of birth, Age & Gender. Once a patient is registered it will go to preregistered area, when the exam is started for particular patient will move from pre-registered to pre cath area and the study state of the patient is during cath. Once the examination is completed this study will move from during Cath to post cath. So, while the examination is closing reports are generated.

**Documentation tool:** Documentation is used to document patient complete examination process.

**Reporting tool**: Reporting is a word based tool which generates reports for a patient with complete patient information which arrived from examination. The report contains patient demographics, hospital name, billing etc.