

Justification of Testing Choices for User Stories in Sprint 2 Backlog.

#9) As a manager, I want an intuitive interface so I can see event logs and information of radiologists and field workers in an organized manner.

(#16) As a radiologist, I want to be able to see a brief medical history of the patient such as whether or not they have had any complications before, age, weight, etc, so that I can make proper treatment decisions.

Testing Justification:

User Story 9 & 16. : Both of the stories require a User interface for manager and radiologist to work with. The entire UI is driven by User Input and selections he/she make using mouse and visual display on screen. Based on their selections information is retrieved from database and displayed on screen in an organized manner.

Testing Method Selection: Manual. Manual Testing is used because both of the user stories are related with UI design and implementation and can only be tested with specific Human Input to the User Interface Window. So, automated testing cannot be applied from an engineering perspective.

Automated Tests are provided for backend data retrieval from database, wherever possible. (for user story 9 & 16).

#19) As a fieldworker, I need to be able to receive feedback or treatment recommendations for a specific patient from the radiologists so that I can make proper treatment decisions.

#18) As a fieldworker, I would like to be able to check whether or not the patient is new, so that when uploading images, I can append it to their existing history, keeping the records clean, and to gauge their condition over time.

Testing Justification:

User Story 19 and 18: Both of these stories are related to Android UI presented to fieldworker. Both of the stories demand visual feedback based on specific input provided by field worker. Now, since with android code runs on a hardware device or an android emulator. In both situations a UI is presented to the person using android device. Based on selections he/she makes output is displayed on screen. Again same problem, UI code cannot be supported with automated testing. So, automated testing cannot be applied from an engineering perspective. Manual Testing is provided for both of these user stories in android testing plan.