



UNIVERSITY OF THE WITWATERSRAND

SPRINT REVIEW MEETING

Team Name:

LEVEL SEVEN CREW

Product Name:

HEALFOLIO

Team Members:

Tumbone ASUKILE
Adam LERUMO
Daniel da SILVA
Jan BADENHORST

Senior Lecturer:

Dr. Terence van ZYL

15 August, 2016

1 Sprint 1

1.1 Daily Scrums and Sprint Execution

Daily Scrums - Backlogs Accomplished:

- Software Design Proposal Scrum
 - Held on 21st of July.
 - Proposals brought forward:
 - * War Clans.
 - * WITS Day Planner.
- Team Name Scrum
 - Held on 28th of July.
 - Update to Proposal made.
 - Names brought forward:
 - * MedFile
 - * Curative Binder
 - * HealFolio
 - Sprint Planning Meeting to be held on the following topics:
 - * System Architecture
 - Requirements of system.
 - Use case modeling of system.
 - Start Github account for team members to converge on.
- Designated Scrum Master
 - Held on 4th of August.
 - Unanimous vote for Jan as scrum master.
 - Github account created - ComputerArcades/HealFolio
 - Software Proposal finalized and place on GitHub.
 - Outline of system Requirements updated in Requirements Analysis Document.
- Sprint Planning Meeting
 - Held on 12th of August.
 - Outline of Use Case model updated in Requirements Analysis Document.
 - Finding tools for drawing Use Case Model diagrams (*draw.io online drawing recommended*)

2 Sprint 2

2.1 Sprint Retrospective Meeting

- Held on the 15th of August 2016
- Tasks Completed:
 - Use Case Model diagram is updated in Requirements Analysis Document.
 - Software Architecture and Design outline uploaded to GitHub.
- Backlog Item Refinement:
 - Review Discussion: (*on improving Requirements Analysis Document the course progresses*)
 - * Detailing Functional Requirements.
 - * Detailing Non-Functional Requirements.
 - * Detailing Use Case Models.
 - * Detailing Use Case Diagrams.
- Items for Next Scrum Meeting:
 - Adding System Sequence Diagrams
 - Creating a log in interface for the client to visually inspect.
- Future Task Plans: (*goals to be completed on next Sprint Review meeting*)
 - Test Driven Design and Acceptance tests need to be implemented and documented continuously along side code development.
 - Detailing Software Architecture and Design.

2.2 Daily Scrums and Sprint Execution

- Held on the 19th of August 2016
- Concentration on the product backlog to move as much as possible to the sprint backlog
- Product backlog increased/added:
 - Administrator adding doctor.
 - Doctor able to sign-up.
 - Patient able to sign-up.
 - Doctor able to view information from referred patient.
 - Add verification for doctor to view referred patient information.
 - Patient able to update patient information.

2.3 Backlog Refinement Meeting

- Held on the 26th of August 2016
- Concentration on the product backlog to move as much as possible to the sprint backlog
- Product backlog refined:
 - Patient able to remove doctors that has privileges to view the patients information.

- Add automatic verification for doctor of successful sign-up.
- Add input verification for sign-up.
- Add input verification for log-in.
- Product backlog moved to sprint backlog:
 - Administrator adding doctor.
 - Doctor able to sign-up.
 - Doctor able to add practice information.
 - Doctor able to add new patients.
 - Patient able to sign-up.
 - Doctor be able to view own added patient information.

2.4 Daily Scrum and Sprint Execution

- Held on the 2^{ed} of September 2016
- Completed following tasks in sprint backlog:
 - Doctor able to sign-up.
 - Administrator adding doctor.
- Updated Requirements Analysis document on completed used cases.

2.5 Sprint Planning Meeting

- Held on the 9th of September 2016
- Focusing on requirements in progress pulled from product backlog to sprint backlog.
- Final commitments placed on tasks.
- Updated Architecture Description document

2.6 Sprint Review Meeting 2

- Held on the 12th of September 2016
- Live demonstration of completed tasks.
- Pick which items can now be closed.
- New Product Backlog items for prioritization to be nominated/announced.
- Refine everyone understanding of the requirements by interacting on functioning software.

3 Sprint 3

3.1 Sprint Retrospective Meeting

- Held on the 15th of September 2016
- Tasks Completed:

- Use Case Model diagram is updated in Requirements Analysis Document.
- Software Architecture and Design outline uploaded to GitHub.
- Backlog Item Refinement:
 - Review Discussion: *(on improving Architecture Description Document and Requirements Analysis Document as the course progresses)*
 - * Detailing Architecture Model.
 - * Detailing Architecture Viewpoints.
 - * Detailing Viewpoints Diagrams.
 - * Detailing Use Case Models.
 - * Detailing Use Case Diagrams.
 - * Detailing Acceptance tests.
- Items for Next Scrum Meeting:
 - Adding System Sequence Diagrams
 - Creating a refining the interface for the client to visually inspect.
- Future Task Plans: *(goals to be completed on next Sprint Review meeting)*
 - Acceptance tests need to be implemented and documented continuously along side code development.
 - Detailing Software Architecture and Design.

3.2 Daily Scrums and Sprint Execution

- Held on the 22th of September 2016
- Concentration on the product backlog to move as much as possible to the sprint backlog
- Product backlog increased/added:
 - Doctor able to update practice details.
 - Patient able to update patient information.
 - Add verification for doctor to view referred patient information.

3.3 Backlog Refinement Meeting

- Held on the 29th of September 2016
- Concentration on the product backlog to move as much as possible to the sprint backlog
- Product backlog refined:
 - Patient able to remove doctors that has privileges to view the patients information.
 - Add automatic verification for doctor of successful sign-up.
 - Add input verification for sign-up.
 - Add input verification for log-in.
- Product backlog moved to sprint backlog:
 - Doctor able to view patient information.

- Doctor able to view information from referred patient.
- Patient able to log in to system.
- Doctor able to add diagnosis.
- Doctor able to add prescription.
- Application loading screen on log-in.

3.4 Daily Scrum and Sprint Execution

- Held on the 6^{ed} of October 2016
- Completed following tasks in sprint backlog:
 - Doctor able to view patient information.
 - Doctor able to view information from referred patient.
 - Patient able to log in to system.
 - Doctor able to add diagnosis.
 - Doctor able to add prescription.
 - Application loading screen on log-in.
- Updated Requirements Analysis document on completed used cases.

3.5 Sprint Planning Meeting

- Held on the 13th of October 2016
- Focusing on requirements in progress pulled from product backlog to sprint backlog.
- Final commitments placed on tasks.
- Updated Architecture Description document.

3.6 Sprint Review Meeting 3

- Held on the 17th of October 2016
- Live demonstration of completed tasks.
- Pick which items can now be closed.
- New Product Backlog items for prioritization to be nominated/announced.
- Refine everyone understanding of the requirements by interacting on functioning software.

4 Sprint 4

4.1 Sprint Retrospective Meeting

- Held on the 18th of October 2016
- Tasks Completed:
 - Use Case Model diagram is updated in Requirements Analysis Document.

- Software Architecture and Design outline uploaded to GitHub.
- Backlog Item Refinement:
 - Review Discussion: *(on improving Architecture Description Document and Requirements Analysis Document as the course progresses)*
 - * Detailing Architecture Model.
 - * Detailing Architecture Viewpoints.
 - * Detailing Viewpoints Diagrams.
 - * Detailing Use Case Models.
 - * Detailing Use Case Diagrams.
 - * Detailing Acceptance tests.
- Items for Next Scrum Meeting:
 - Adding System Sequence Diagrams
 - Creating a refining the interface for the client to visually inspect.
- Future Task Plans: *(goals to be completed on next Sprint Review meeting)*
 - Acceptance tests need to be implemented and documented continuously along side code development.
 - Detailing Software Architecture and Design.

4.2 Daily Scrums and Sprint Execution

- Held on the 20th of October 2016
- Concentration on the product backlog to move as much as possible to the sprint backlog
- Product backlog increased/added:
 - For last sprint meeting application bugs will be ironed out.

4.3 Backlog Refinement Meeting

- Held on the 21th of October 2016
- Concentration on the product backlog to move as much as possible to the sprint backlog
- Product backlog refined:
 - Doctor able to update practice details.
 - Patient able to update patient information.
 - Add follow-up function for previous diagnosis.
 - Add verification for doctor to view referred patient information.
 - Add verification for doctor and patient of successful sign-up.
 - Routing separation for doctor and patient authentication.
- Product backlog moved to sprint backlog:
 - Doctor able to update practice details.
 - Patient able to update patient information.

- Add follow-up function for previous diagnosis.
- Add verification for doctor to view referred patient information.
- Add verification for doctor and patient of successful sign-up.
- (*Bug Fix*) Routing separation for doctor and patient authentication.

4.4 Daily Scrum and Sprint Execution

- Held on the 24th of October 2016
- Completed following tasks in sprint backlog:
 - Add follow-up function for previous diagnosis.
 - Add verification for doctor to view referred patient information.
 - Add verification for doctor and patient of successful sign-up.
 - Routing separation for doctor and patient authentication.
 - Doctor editing their practice info.
 - Patient editing their practice info.
- Updated Requirements Analysis document on completed used cases.

4.5 Sprint Planning Meeting

- Held on the 27th of October 2016
- Focusing on requirements in progress pulled from product backlog to sprint backlog.
- Final commitments placed on tasks.
- Updated Architecture Description document.

4.6 Sprint Review Meeting 4

- Held on the 31th of October 2016
- Live demonstration of completed tasks.
- Pick which items can now be closed.
- New Product Backlog items for prioritization to be nominated/announced.
- Refine everyone understanding of the requirements by interacting on functioning software.