SENG 300

FINAL SUBMISSION

## Members:

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**Integrations 1,2,3**

**User Stories**

* As a user I want to be able to register for an account on the system
* As a user I want to be able to retrieve my forgotten password
* As a user I want to be able to change my password
* As a user I want to be able to log into the system
* As a patient, I want to be able to book and cancel my appointments
* As an admin I want to be able to schedule, cancel and edit appointments
* As an admin I want to be able to create, modify and delete patient profiles
* As an admin I want to be able to create, modify and delete doctor/nurse schedules
* As an admin I want to be able to view all doctor/nurse schedules
* As an admin I want to be able to change the status of patients currently in the waiting room
* As an admin, I want to be able to view and sort the doctors and nurse by department
* As a patient, I want to be able to book and cancel my appointments
* As an admin I want to be able to create, modify and delete patient profiles
* As an admin I want to be able to create, modify and delete doctor/nurse schedules
* As an admin I want to be able to view all doctor/nurse schedules
* As an admin I want to be able to change the status of patients currently in the waiting room (i.e. checked-in, waiting, checked-out)
* As an admin, I want to be able to view and sort the doctors and nurse by department

**Sprint Planning Meetings**

* The sprint planning meetings were conducted on March 6th, 2019, March 20th 2019, in a room in the TFDL building. All five members have attended this meeting, and the meetings lasted approximately one hour each time. At these meeting, we planned out and discussed which user stories from the product backlog to implement, drop and plan to complete, and plan accordingly if we didn’t have time to do them all in order to have a functional and usable deliverable. We also confirmed the roles of each team member if they would like to switch up and do something different this iteration and addresses any concerns any team members had, such as cooperation, participation, and work around any member that had busy schedules.

**Updated Sprint Backlog (Attached is a detailed sprint backlog as an xslx file)’**

**Most recent additions to the backlog**

* As an admin, I want to be able to create. Modify and delete patient profiles on the system (Implemented by Yushae)
* As an admin I want to be able to create, modify and delete doctor/nurse schedules (Implemented by Yushae)
* As an admin I want to be able to view all doctor/nurse schedules (Implemented by Yushae)
* As an admin I want to be able to change the status of patients currently in the waiting room (i.e. checked able -in, waiting, checked-out)
* As an admin, I want to be to view and sort the doctors and nurse by department (Implemented by Yushae)

**Final Update\*\* All functions Implemented and now functional**

**Testing**

Testing of code functionality was done during and after completion of different parts of the project to see if any side-effects were generated, manual testing of functionality on the web-based version was conducted, we checked whether the fields in the UI/frontend forms are mapped consistently with the corresponding fields in the DB table, writing sample queries and bound testing was done as well to ensure no errors would be generated for an invalid date and to make sure the data returned is correct.

**Daily SCRUM Meetings**

Scrum meetings have been conducted every second day in the Math Sciences building with an average duration of 35 minutes. At these meetings, each team member reported their current progress in their tasks and addressed any concerns or problems they may have had. All 5 team members have attended every meeting. Along with these meetings in person, teammates have been communicating on Slack daily, reporting their progress and reporting any issues.

**Sprint Review Meetings**

* The sprint review meeting was held on April 8th 2019 in Math Sciences. The duration of this meeting was approximately one hour in Math Sciences. At this the progress of the group was checked and the current code was tested

**Retrospective Meeting**

* Conducted on Friday, April 10th, 2019. The meeting was done in person in the TI building. All team members were present and the meeting lasted approximately an hour and a half. At this meeting, we compared our progress for this iteration to our progress from the last iteration and talked about what had compared to the start of the project. Lastly, we discussed improvements in regard to communication between group members.

**Code**

* See attached Readme.txt