

SEPT (5.WED-16.30-7)

Sprint #4 Planning

Sprint: Sprint 04

Date: 23/09/2020

Attended:

Scrum Master: Sean Tan

Development team: Isuru Wijesinghe

Sprint Goal:

The goal of this sprint is to implement the following features for AGME's website:

- Deploy docker for AGME's project
- Customer make booking
- Customer view ongoing bookings
- Customer view booking history
- Customer cancel booking

Sprint Capacity:

Our team is unfamiliar with the use of Docker and AWS, more research is required to implement them into our project.

Duration of the sprint

2 weeks

Team's vision for this sprint

All users be able to book services on AGME's website as well as view their ongoing bookings and booking history.

Estimation in story points

- Customer make booking (EP = 8)
- Customer view ongoing bookings (EP = 7)
- Customer view booking history (EP = 7)
- Customer cancel booking (EP = 2)

Summary:

We will be using Springboot and React to develop AGME's website. Our channel of communication including stand-up meetings are done by Microsoft Teams.

GitHub repository: <https://github.com/RMIT-SEPT/majorproject-5-wed-16-30-7>

Product backlog on Trello: <https://trello.com/b/XwKVcpMM/sept-5wed-1630-7>.

AWS RDS database link: <http://sean-database1.c1ekdvqknupg.ap-southeast-2.rds.amazonaws.com:3306/>

CircleCI: <https://app.circleci.com/pipelines/github/RMIT-SEPT/majorproject-5-wed-16-30-7>

The tasks assigned for each member:

Sean Tan: Implement Docker, implement bookings and services functions for Springboot and implement respective databases on AWS

Wlsuru Wijesinghe: Booking page on front end, AWS for frontend + Docker

Gabriel Lat: Improve on edit user details feature on frontend

Multiple stand-up meetings are done during the development phase of the project to facilitate the work within our team.

Recordings of our stand-up meetings:

Meeting 1: <https://web.microsoftstream.com/video/206ab515-9919-4d42-9e7a-c3597cc9cc20>

Meeting 2: <https://web.microsoftstream.com/video/ead9625e-e2ae-44ef-ac8b-ab604c78a28b>

Sprint #4 Retro

Date: 05/10/2020

Attended:

Scrum Master: Sean Tan

Development team: Isuru Wijesinghe, Gabriel Lat

Things that went well:

We have completed most of our user stories related to the booking feature on AGME's website, just some integration left and the feature can be deployed. Our teamwork has also improved from the constructive feedback received in Milestone 2. The tutorials have also significantly helped on our progress for the features required.

Things that surprised us:

Learning new technology such as Docker and AWS has been challenging so far. The front end dockerization has especially been challenging as it was not specifically covered in the lectures. The workload for each of us has also increased as two of our members dropped out of our group and we are nearing the end of Project release date.

Things that could have gone better:

More could have been on the tasks assigned, more work had to be done in order to complete task ie. Working on sessions and JWT authentication in order to fully incorporate some tasks. Communication and clarity could be slightly improved as some team members had communication issues.

Lessons Learned:

We learned that workload has to be carefully allocated and thus having precise estimation of the effort points of user stories is vital for this to work. The strengths of our teammates also had to be considered in order to have a fast progress on the feature we plan to implement

Final thoughts:

This sprint is a success overall as we have achieved most of our goals and we would strive to make the future sprint better.

Action points:

- We will have more communication via stand-up meetings so we can detect new user stories earlier
- We will allocate workload more precisely for team member