SEPT (5.WED-16.30-7)

Sprint #5 Planning

Sprint: Sprint 05

Date: 06/10/2020

<u>Attended:</u>

Scrum Master: Sean Tan

Development team: Isuru Wijesinghe

Sprint Goal:

The goal of this sprint is to implement the tests for our frontend and backend functions and prepare documents for milestone 3:

- Unit tests for backend functions on Springboot
- Unit tests for frontend functions on React app
- Project report

Sprint Capacity:

Our team has sufficient capacity to complete the above tasks

Duration of the sprint

1 week

Estimation in story points

- Unit test for backend (EP = 5)
- Unit test for frontend (EP = 6)
- Project report (EP = 5)

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-database.c1ekdvgknupg.ap-southeast-2.rds.amazonaws.com:3306/

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

<u>The tasks assigned for each member:</u>

Sean Tan: Implement backend unit tests and project report

Isuru Wijesinghe: Implement frontend unit tests

Only one stand-up meeting is done during the development phase of the project to facilitate the work within our team due to this sprint being only 1 week.

Recordings of our stand-up meetings:

Meeting 1: https://web.microsoftstream.com/video/c5f47bf6-e4c4-4a19-934e-d67371b2ffa3

<u>Sprint #5 Retro</u>

Date: 15/10/2020

<u>Attended:</u>

Scrum Master: Sean Tan

Development team: Isuru Wijesinghe

Things that went well:

We have completed our respective unit tests for both frontend and backend with all passing. We have also completed our project report that contains all the information of our system structure, our gitflow structure as well as the evidence of our acceptance tests.

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 been 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.