SEPT (5.WED-16.30-7)

Sprint #3 Planning

Sprint: Sprint 03

Date: 09/09/2020

Attended:

Scrum Master: Sean Tan

Development team: Isuru Wijesinghe, Gabriel Lat

Sprint Goal:

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

- Unit testing for previously implemented features
- Enhance user register account function
- Dashboard for all users on AGME webpage
- Setup AWS and CircleCI
- Logout function

Sprint Capacity:

Experience with Springboot and JUnit in our team is limited, we have decided to equally distribute the workload, where each member will have a participation in the implementation. Most members are constricted by other assignments and obligations. The division of the workload is based upon these two factors for the most part.

Duration of the sprint

2 weeks

Team's vision for this sprint

All users will have their individual unique dashboards with their respective functions.

All functions and features implement have their own unit tests to verify them.

Estimation in story points

- Unit testing for previously implemented features (EP = 10)

- Enhance User register account function (EP = 6)
- Dashboard for all users on AGME webpage (EP = 9)
- Logout function (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-database1.c1ekdvgknupg.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: Unit testing for all springboot controller functions, enhance user register account function, setup AWS database and CircleCI

Isuru Wijesinghe: Dashboard front end, Front end testing

Gabriel Lat: Logout function

Andrew Gurevich: -

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/c0604cab-8170-4c4d-8531-2e688716aada

Meeting 2: https://web.microsoftstream.com/video/0f7d84f5-062a-412b-af03-490a7b416520

Sprint #3 Retro

Date: 25/09/2020

Attended:

Scrum Master: Sean Tan

Development team: Isuru Wijesinghe

Things that went well:

We were able to fully implement login and register by connecting the frontend to the backend database using axios. Also we managed to host our database on AWS as well as implement CircleCI into the project. Customer dashboard was also implemented in the front end as part of our sprint goal for this sprint. JUnit testing for backend and frontend were also completed. There was regular communication between the group members and most of the tasks assigned to each member was completed to a satisfied level.

Things that surprised us:

We were not able to test our CircleCI deployment for our project as we kept running out of credits. It was hard to contact Gabriel during this sprint, he told us that his home had no electricity for a few days. Docker implementation was challenging and thus was not implemented for our project yet. We also have not deployed our backend and frontend into AWS (only our database is deployed) as it was challenging and did not have enough people to work on the project.

Things that could have gone better:

We could have improved on having a better understanding of how Docker works and the services available on AWS. We would need lots of external readings on top of what was taught from the tutorials though we are limited by the number of people in our group.

Lessons Learned:

Possessing a broad knowledge of different programming languages is crucial in developing a project, especially as a small team since all of us are involved in the entire system.

Final thoughts:

Frequent communication between group members and especially the product owner(tutor) was crucial for managing tasks and deliverables. Stand-up meetings were the key for identifying problems at hand and distributing tasks accordingly.