Project Sprint Retro Notes

Team: Wed-5

Sprint: 0

Date: 19/08/2020

Attended:

Alhowsawi, Amrah (s3760065)

Tran, Gia Hung (s3715272)

Zhang, Junhao (s3714056)

Tran, Phuong-Trung (s3607139)

Kim, Youngho (s3726115)

Scrum Master: Alhowsawi, Amrah

Product Owner: Mohamad Ali

Development team:

Tran, Gia Hung (s3715272)

Zhang, Junhao (s3714056)

Tran, Phuong-Trung (s3607139)

Kim, Youngho (s3726115)

## 1. Things That Went Well

1. Creating the GitHub repository.
2. Creating a Trello board based on the scrum approach.
3. Settle in the frameworks for the frontend which is using React and the backend using Spring boot.
4. Going through the project together to get a better insight into the requirements besides sharing ideas and knowledge about the tools that are going to be used for the project.
5. All team members have finished their user stories and have been added to the Trello board.
6. Agreeing on a constant weekly meeting.

## 2. Things That Could Have Gone Better

1. Writing more users story that covers all the functionality.
2. Doing pr-discussion on Microsoft chat.

## 3. Things That Surprised Us

1. The complexity of the system and the requirements.
2. Some of our user's stories were inconsistent with the project.
3. Not all members have previous experience in React nor web scripting

## 

## 4. Lessons Learned

1. Engage more in the chat
2. Rereading the project requirements and make sure all team members are all on the same page.
3. Ask questions early before the next meeting.
4. Review each other work.

## 5. Final Thoughts

Things to Keep:

1. Always keeping Trello board up to date with work that is being working on or if it is done
2. Checking Microsoft team as well as trello board regularly.
3. Review the work as a team and ask questions if in doubt

Things to Change:

1. Changing some trello list layout to match Agile sprint
2. Change some user stories

Sprint: 1

Date: 19/08/2020

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## 1. Things That Went Well

1. Doing/attending our regular meeting.
2. Keeping Trello board updating.
3. Adding more user stories.
4. Done the progress mark for showing Sprint backlog, i.e. prioritized and estimated set of tasks, assigned to individuals
5. Done the progress mark for acceptance Tests corresponding to 2 User Stories.
6. Assign roles for the team members.
7. All group members are on track.
8. Working in code more and achieved minor progress what cover for milestone 1
9. All meetings went smoothly and were affective to keep us on track.
10. Writing acceptance test for all user's story

## 2. Things That Could Have Gone Better

1. Developing the frontend early which we could have made more progress in developing.
2. Discuss more about the relation between front/back ends.
3. Creating an early plan/design for our system.
4. Having more discussion on Microsoft chat.

## 3. Things That Surprised Us

1. Error and bugs occurred in the code but fixed.
2. The relationship between the business owner and customer in the system
3. A lot of API to develop for next sprint and some doubt about some APIs
4. Confusion If the business owner creates the account for the employee or it is done by the employee him/her self.
5. Microsoft team notification not working

## 

## 4. Lessons Learned

1. Frequently checking the chat
2. Check announcements regularly.
3. Use/Check the provided references and links in canvas.
4. Review the course materials to help to develop the system correctly
5. Ask questions early before the next meeting.
6. Report code bug immediately.
7. Review each other work.

## 5. Final Thoughts

Things to Keep:

1. Always keep Trello board up to date
2. Checking Microsoft team as well as trello board regularly.
3. Writing more acceptance test for all users' story
4. Start implementing the acceptance test for users' story
5. Review the work as a team and ask questions if in doubt

Things to Change:

1. The priority level and the estimation for the next sprint for each user story.
2. Some user acceptance tests need to be more convenient/reflect with the system.
3. Work and tasks should be divided again especially for the upcoming milestone 2.

Sprint: 2

Date: 05/09/2020

Attended:

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## 1. Things That Went Well

1. Doing/attending our regular meeting.
2. Keeping Trello board up to date.
3. Following user stories in the product backlog for sprint 2.
4. Finish the frontend design for the login/sign up page.
5. Testing the backend in postman for sending/getting request such as create user, appointments/get user, and get appointment.
6. Finish the backends CRUD for appointment, user, and security settings for users
7. Add in frontend a side menu to access profile, appointments, employees, and to create a service for the admin.

## 2. Things That Could Have Gone Better

1. Improve Developing processes
2. Could have made more progress for the backend and complete more user story functionality
3. Set up the backend properly
4. Frontend is easy to design we could have put more fucus in backend as most errors because of it.

## 3. Things That Surprised Us

## The frontend is hard to work with if backend is not setup properly

1. Backend data that is retrieved as an object cannot be feteched through array
2. Because of some errors in the backend we could not do much of unit test.
3. Fixing the errors in the backend took longer than we expected.

## 4. Lessons Learned

1. Report code bug immediately.
2. Review each other work.
3. Add meaningful commit in git and trello board
4. Ask questions early before the next meeting.
5. Establish the priority for backend
6. Organize gilt repo properly and reduce the uses of branches
7. Review the course materials to help to develop the system correctly

## 5. Final Thoughts

Things to Keep:

1. Always keep Trello board up to date
2. Checking Microsoft team as well as trello board regularly.
3. Review the work as a team and ask questions if in doubt.
4. During meeting give time to solve errors or problem of group member.

Things to Change:

1. Fixing some dashboard layout
2. Fix backend to return has array

Sprint: 3

Date: 20/09/2020

Attended:

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## 1. Things That Went Well

1. Attending all our regular meetings.
2. Keeping Trello board up to date.
3. Update Product and Sprint backlogs as appropriate
4. Continue with Standups and other Scrum meetings to progress project work
5. Continue using Trello/task boards and Github repositories as appropriate
6. Implement new functionality and write and perform unit and acceptance tests
7. Following user stories in the product backlog for sprint 3.
8. Finished the frontend design for the login/sign up page(customer), profile, and service pages.
9. Finished backend for login/sign up page, and service.
10. Writing unit tests for each case.
11. Testing the backend in postman for sending/getting requests such as create user, appointments/get user, and get an appointment.
12. Deployment for docker and add a database/datastore and deploy the application under AWS,
13. Continuous Integration, using CircleCIand Maven.

## 2. Things That Could Have Gone Better

1. Design the CSS.
2. Improve Developing processes.
3. We could have finished %100 of the profile page and services functionality if we managed our time better.
4. The configuration for the CircleCIand Maven to build our tests.

## 3. Things That Surprised Us

## Docker deployment took longer than we expected.

## The page session keeps expiring upone the login.

1. Not all team members familiar with unit tests in REACT or how it supposed to be done correctly.
2. Could not configure CircleCI properly in addition of the RMIT project credit all been used which we needed to find an alternative solution to build our tests.
3. Retrieving data when a customer sign up and show it in in the profile page where the personal information can be edit too if it is updated then the new information should be visible.

## 4. Lessons Learned

1. Review each other work.
2. Report code bug immediately.
3. Writing an appropriate unit testing
4. Update the team of current user story progress.
5. Update the team immediately if any changes have been made for code implementation.
6. Review the course materials to help to develop the system correctly such as for the AWS, docker, and CI.

## 5. Final Thoughts

Things to Keep:

1. Writing unit test
2. Build tests with CI project
3. Documenting all the unit tests
4. Always keep Trello board up to date
5. Checking Microsoft team as well as trello board regularly.
6. Review the work as a team and ask questions if in doubt.
7. Continuous Integration, using CircleCIand Maven.
8. Continue using Trello/task boards and Github repositories as appropriate
9. During meeting give time to solve errors or problem of group member.

Things to Change:

1. Fixing CSS layout
2. Form validation
3. Profile page API
4. Code reusability and consistency