

IFB299 Individual Reflective Journal

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Team 7, Wednesday Tutorial 12-2pm

Weeks 1-4

First of foremost, I have participated in a project team which consists of 4 team members with 2 of the 4 playing different roles such as client and developer. We have chosen our project which is Property Management Website. For this project, I have played in the developer role together with another member. In order to communicate between the team members for avoiding misunderstandings, the team conducted a meeting every Monday starting from week 3. In fact, all the tasks distribution and progress checkouts occurred during the meetings.

During the earlier weeks which are week 2 and 3, I have contributed in users stories brainstorm sessions as a team along with other team members. Besides, we also refine our stories to ensure all of the user stories and acceptance criteria are relevant and good enough by prioritise them according to MoSCoW and INVEST methods. After that, we moved all the user stories into JIRA as well as a Power Point Slide. Furthermore, we conducted planning poker activity to determine the story points for the stories. Next, the client team proceeded into developing the release plans according to our team velocity which calculated and decided by the team. Lastly, as a member of developer team, I have took part in planning tasks for sprint 1 and hence construct the first sprint plan.

Moving into week 4, our team had conducted another meeting to do a final checking on the stories and plans to ensure everything is on track and good. During the meeting, as a developer team leader, I demonstrated the sprint plan's tasks to the client team and explains the reason of the estimation time needed to develop the stories in first sprint. Besides, I have done some researches which results in deciding the programming language or framework that will be used to develop the property management website. In fact, the team had decided to use "Ruby on Rails" to develop the website.

In my opinion, the team made a great performance by showing good cooperation and completed every tasks in time. As a conclusion, the team was readied to proceed into Sprint 1 in any time with the team performance.

Sprint 1

As a developer, I had took part in constructing the sprint plan during the early stages of Sprint 1. In fact, I had planned the tasks which needed to be completed in the end of Sprint 1. During the first week of Sprint 1, I had refined the stories with other team members to ensure our user stories are up to date and ready to be developed. After that, we have updated the first sprint plan accordingly.

Furthermore, during the early stages of this sprint, I have been writing codes to implement the user interfaces desired by the client team. In fact, the user interfaces development also part of the sprint tasks that planned as mentioned earlier. For instances, the user interfaces of one of stories which is the login functionality. Besides, moving into the middle stage of the sprint, in order to make the login functionality functions, I have to develop a database with user information which needed for login credentials and more. In fact, I will have to design the database schema before implementing the database. Furthermore, there were stories in the first sprint which required fetching data and saving data to database such as viewing a property. In fact, I also design another database and develop it in order to complete the story. Lastly, when the sprint comes to an end gradually, I will have to verify the stories by ensuring they met the acceptance criteria. Therefore, I will have to implement some of the test cases by working with the other members to test the functionalities.

All in all, during this sprint, the team had distributed the tasks well according to the roles. The client team did very well in designing the user interfaces and coming out with a list of tests to test the website. However, the team progress showed a little slow at the early stages of the sprint due to the team was new to the programming language. Thankfully, the team managed to catch up and was on schedule when the sprint comes to an end.

Sprint 2

In this sprint, I spent my most of my time focusing in developing the website to complete the stories for sprint 2. Certainly, I had planned a list of tasks which needed to be done for this sprint. In the meantime, the team will have to submit a business letter to evaluate the progress of sprint 1 of the other team. As a part of the evaluation team in this case, I helped my team by checking the business letter before submitting.

In this sprint, as mentioned, I was mainly writing codes to implement the website. There was only one story which needed to be implement for this sprint which was a searching property functionality. As the team was progressing well, the sprint managed to finish earlier by 2 days before the sprint ends. In fact, the functionality was fully implemented. Furthermore, I had implemented the unit testing with the client team again to test out the functionality. Lastly, I had deployed the website to live in heroku, which is a free party that allows us to serve our website.

In a nutshell, this sprint was going really well due to the team was able to complete every tasks before the sprint ends. The team was improved compare to the first sprint as the team was already get used to the working environment and overcame the earlier limitations. As a final reflection, I am satisfied with the team performance. This unit allows me to learn how to plan my future projects and helps me create a good environment of enthusiasm for learning and working as a team. I would like to take a chance to express my gratitude to my tutor and teammates for this unit.