Sprint Planning Notes
Team: Group 3 (TUES1830-Reza)

Sprint: Sprint 1
Date: 4/09/2021

Attended:
Scrum Master: Rashed Abdin
Product Owner: David Aziz
Development team: Kowsar Rahman, Oliver Lukis and Dunith Nadvi Karawita

1. Things That Went Well

We managed to complete all tasks required in sprint 1 in the set amount of time. We were able to successfully implement the wireframes into the development of the code. We created an interface for the homepage, login page and register page where the user can create an account and login. We were able to get the backend to work well with the front end and managed to have the user be able to successfully register account and login where the information is saved in the database. The team was able to work well together and have frequent meetings despite the fact that we all live in different countries with really big time zone differences.
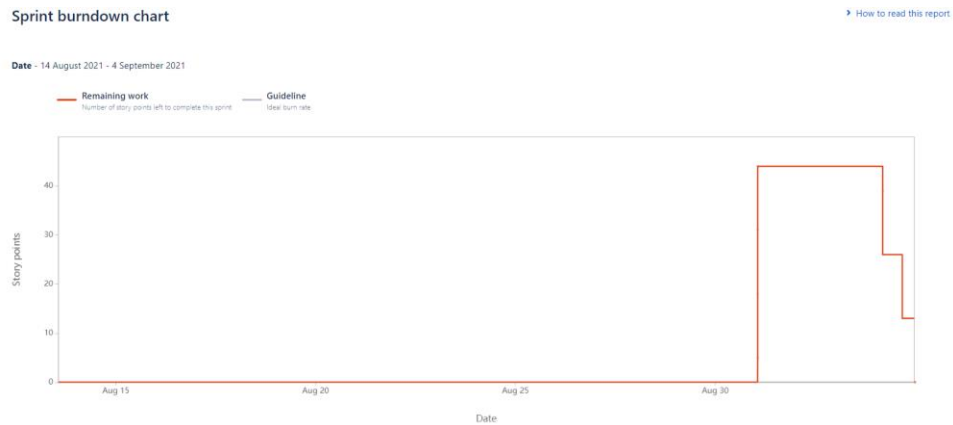
2. Things That Could Have Gone Better

Things that could have been better was being able to implement our user stories at a faster rate. We found it difficult at the start to get the hang of everything as spring boot was new to most team members. On top of that, our sprint went into our RMIT mid semester break which in that week all team members needed to rest mentally with all the current COVID restrictions being placed on us. Hence, if you count the time we completed the sprint its 2 weeks excluding the mid semester break (non-study period) which keeps our group on well track. The current covid restrictions placed at the moment are very exhaustive and our group really needed to rest and take a break of studying to keep our mental health in check. However, that all being said, we still met up during the break but we decided to keep it light. Furthermore, once we all had spring boot and react downloaded on our local computers and understood key concepts, the implementation of our user stories became much easier.

3. Things That Surprised Us

What surprised was learning difficulty of spring boot for the first time and how to use Jira's product backlog for setting sprints. We first encountered problems trying to get each member trying to set up spring boot and react at a working state. Many members

were confused and we had to meet a few times to make sure everyone was on the same page. We even had 1 member requiring to book a consultation with our teacher to get it set up which overall delayed our progress in getting work done. Another problem was we were using Jira incorrectly in terms of setting tasks. We had it all our user stories set as tasks rather than story points taken from the product backlog which effected the result of our sprint burndown chart which I will show below. We were assigning and completing all tasks set for each team member but we realised later that the user stories were not in the sprint as how you are supposed to do it. Now as you can see in the sprint burndown chart below the first 10 days is completely flat as we were checking off tasks that didn't have any story points. Once we put the user stories into our sprint 1, you can see the story points added and then working down accordingly. This of course isn't a true indicator of our group's effort throughout this sprint since we are still learning how to use Jira properly.

Shown above, you can see we had multiple tasks set to each member and were working through them across the sprint.

4. Lessons Learned

Now we learned many lessons from all the problems we encountered above. We firstly learned lots of theory for spring boot and how to set it up accordingly. We were able to not just learn theory but to use it in implementing the backend of our project at a very high level. We also learned how to use Jira properly in terms of setting user stories in our sprints to make sure we are checking of story points throughout the sprint to ensure we have a sprint burndown chart that indicates our work throughout the sprint where we can use to plan for next sprint accordingly.

5. Final Thoughts

Things to keep will be our teams regular meeting schedule where we keep track of work and figure out problems together. We also are very good as well with working together to figure out problems while trying to implement the project.

Things to change will be to start implementing the code more often together rather than on our own. It can get really confusing when trying to implement a core functionality on your own, so we will have more meetings to tailor towards group implementation. We will also need to make sure everyone is checking off their tasks when completed in Jira to make sure our sprint backlog shows a proper indication of our hard work.