**WEEK 4 REPORT**

**DATE**

Monday 25 March 2019 – Friday 29 March 2019

**GROUP 3**

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**WEEKLY UPDATES**

1. **What did you do this week that helped the development team meet the sprint goal?**

This week I have been working on some online JavaScript tutorials from Codecademy to familiarise myself with the language. After looking at the project proposal template, I also began to write some functional and non-functional requirements as well as some user stories. However, since I was still unsure about some of the system functionality, I have not posted them onto the Github wiki yet though the client meeting this week has really helped to clear up my uncertainty.

As the client has said that they would prefer us to stick with Kafka and MongoDB since they are the tools that DST have been using for their simulations, I decided to have a look into MongoDB. I installed MongoDB Compass to import the system tracks data that was given to us on GitHub. This was really helpful to better visualise and make sense of the data which will be useful when we start prototyping. I also prepared the presentation slides for our client meeting this week.

1. **What will you do next week to help the development team meet the sprint goal?**

Our next sprint will be heavily focused on completing the project proposal. To get started on the proposal, I will be solidifying requirements with my team as well as getting clarification from the client via our slack channel. I will also prepare some lo-fi and hi-fi UI designs to include in the report which will be easier now that we have a better understanding of what our system can and cannot do. Following this, I plan to start preparing the project description and gantt chart as they will be easier to complete and get out of the way. If time permits, I will also be working on the literature review component which we have decided to all contribute towards.

I will also continue with my Javascript learning next week though this is more of an overall project goal than specifically for this sprint.

1. **Do you see any impediment that prevents you or the development team from meeting the sprint goal?**

The only problem that is concerning is the very limited time we have to meet our goals whilst also balancing assignments from other subjects. I think we can have the project proposal prepared in time but I am unsure about the presentation since we have not received much information on it. Nonetheless, I believe that we will be able to get through it all if we can properly manage our time and all contribute evenly to help each other out.

Date of report: 28/03/19