**WEEK 02 WEEKLY REPORT**

**DATE**

Monday 11 March 2019 – Friday 15 March 2019

**ATTENDEES**

1. Christian Piscioneri (a1669249)
2. Jennifer Huynh
3. Jared Linklater
4. Andy Warhurst, Ashley Arnold
5. Mansooreh Zahedi

**WEEKLY UPDATES**

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

* As this was the week of our first meeting with the Clients I read through the Specifications document.
* From this document I took notes on requirements as best I could, some were already given, while others had to be interpreted. In our meeting with the Clients these were clarified.
* As part of understanding the specifications better I came up with some questions to ask at our meeting. I only ended up asking one which lead to further conversation and clarification of the overall system.

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

* As part of the next sprint I will be looking into the available technologies we can use for our system. After learning more about the current system our Clients have in place we have a better idea of what can be used to achieve our goals.
* In our meeting Ashley mentioned the use of Cesium to display tracks on a map. I will be looking into the use of Cesium for our own implementation and trying to find out if it is possible to use an offline map of some sort as our system is assumed to have no access to the Internet.
* I’d also like to investigate the use of Apache Kafka. DSTG is currently using this for their data stream to collect all the data from their radars etc. so it would be wise to at least look into it.

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

* For the week 01-02 sprint our impediment was just the unfamiliarity of the project. Reading the given specification was a small remedy for this, but reading it made the project feel quite daunting as we couldn’t quite visualise what needed to be done. After meeting with the Clients this was made a lot easier as they had a screenshot of their current system and they explained certain defence terms to us so we could better piece the project together.
* As for our next sprint I don’t foresee too many if any impediments. There is always the problem of juggling multiple assignments from multiple courses, which is just a constant at this point in our degree. Research should be easy enough, we have ideas for all parts of our system, so there is plenty to look at. If we find one of the technologies is not what we are looking for then we will have to look further which is more time we’ll need to spend researching, and the first technology could be seen as a waste of time.