**Sprint One**

Start: **02/11/2020**

End: **27/11/2020**

Task: **Website & Database Design**

**Objectives**

* Establish what pages will be needed for the website.
* Design the layout of each page using storyboards.
* Establish what tables will be needed for the database.
* Design the structure of the database using entity relationship diagrams.
* Implement the webpages using HTML & CSS.
* Implement the database using MySQL.

**Details**

Using the user stories generated in the previous sprint, design using storyboards the layout of the different pages to be used on the website. By doing this, a general colour and layout theme will be established. Attempt to implement these layouts using HTML for the structure of the webpages and CSS for the styling of the webpages. Use the WAMP local webserver for development then deploy the website to a Windows 10 Server hosting Apache hosted by Amazon Web Services.

Using the user stories, design using entity relationship diagrams the initial structure for the database. Attempt to implement the designed database using MySQL hosted on a RDS database server hosted by Amazon Web Services.

**Review**

What Went Well

Sprint one was completed one week past the deadline.

* Using tutorials, I was able to setup a webserver and MySQL database using AWS.
* Some initial designs for the layout of the different webpages where designed and implemented successfully.
* The initial structure of the database was designed and implemented successfully.

Problems Encountered

Overall sprint one was a smooth process with no mayor issues except:

* Setting up the remote database and webserver took longer to do than expected.

Possible Solutions to These Problems

* Extended development time for sprint one by an extra week.

Project Progress

So far, I am happy with the progress being made, even with the small delay to started sprint two.