**MONTHLY LEARNING REPORT**

Student Name: Sean Barrett          Student number: x15561177

Company: Revenue          Month Commencing: Month 6 - July

With it being the final month, tying up loose ends was the main port of call, in order for the project handover to smooth as possible upon the other intern and I's imminent departure. There was a big increase in meetings to try squeeze out the max possible in the remaining time left. One suggestion which arose from one of these was to create three priority tags on GitHub– low, medium and high, and to assign each issue a tag of such. This enabled a clearer focus for the duration of the final month. In another meeting the whole project was analysed with everything still needing to be specifically completed talked about and taken down in note form.

On the development front the creation of tables simply had to be completed to pave the way for further development. After going through every required field using a previously created ERD model and discussing what's needed, we agreed on the structure of the database tables which was then emailed onto a different team's member for consultation. With changes being recommended – there was a lot of team discussion surrounding GDPR considerations and the anonymity of data. To properly enforce these regards we agreed, while the structure of the tables will stay the same, once created, some security implementations will have to be developed. To do this, using Angular was briefly researched as an option to achieve this.

Once the discussion was complete, this was then forwarded onto the relevant team for creation. The actual creation was completed quicker than expected which then meant the backend had to be connected properly with the front end. Although we had been using JSON for mock data purposes, there was still a bit to do in the back-end Java for the database to be linked to the front end. To do this the teams permanent software developer, other intern and I worked together to change the connections from the JSON connections to connect with the newly created tables. Other web applications deployed on Revenues internal intranet were used as a guide and GitHub was used to merge the files. On the whole it was a bit tricky as a lot of separate controllers and services are used so staying on the right path was important as was making use of the Java code for these connections in the other projects.

When the tables were connected, creating an environment for the web app to be viewable for CSD became the main focus. For this environment to be realistic replacing the JSON data with the database data was necessary. Creating this environment is still ongoing with a completion estimation scheduled for my last day.

Note - I was absent on annual leave during this period hence the shorter report

Employer comments

SEAN HAS WORKED HARD AND SHOWN A WILLING ATTITUDE DURING HIS PLACEMENT HERE IN REVENUE. HE HAS BEEN PUNCTUAL AND HAS ALWAYS DISPLAYED A GOOD ATTITUDE TO A CHALLENGING ENVIRONMENT. I WISH HIM WELL IN HIS FUTURE CAREER

Student Signature: _____ Date: _____

Company Supervisor Signature: _____ Date: 26/7/2018