The learning curve of completing the DevOps project in this module provided many valuable lessons as a team and an individual.

My focus for this project was to work on the back-end of the project. I nominated myself for this portion of work as I have worked on the front-end and middle ware in previous team projects and preferred to work on the backend as a new challenge. I worked alongside another team member on the back-end (database). Originally a database instance was created on AWS on my team members account. Due to being experienced in using AWS tools, I guided and demonstrated to my co-worker how to configure the security group on AWS. This demonstration improved my co-worker’s knowledge of the tools and illustrated the importance of security groups. The security group acts as a firewall for the database instance on AWS.

However due to an unexpected change, that is the nature of an Agile environment. The database was moved from AWS to PHPMyAdmin. This change was requested by other team members. Changing where the database was hosted enabled the PHP code written my other team members to be connected easily.

The over-all project was a team driven effort. Communications via email was very efficient, all team members communicated well. However, the DevOps element of continuous integration wasn’t implemented correctly in the project lifecycle. The Team realised they missed the concept of version control on GitHub. The GitHub tool was used but not correctly by all-time members. The team had numerous weekly meetings demonstrating the progress of each individuals work progress. This ensured the team knew the progress of the project. Jira tracking tool was also used to track the progress of tasks in each sprint. This tool wasn’t utilized to its full potential for the entire project lifecycle. This was due to inexperience using the tools.