**IFB299 – Application Design and Development   
Personal Portfolio**

My main focus throughout this whole project was to create the OHS management page and the database connections to all the parts of the website. All my work was related to user stories surrounding database and the OHS management page.

**Release 1**

Artefact 1 – Database planning

Database panning was done with the care since lot of the table within the database were going to be connected. The layout was finalised after the team had the website design ready. The picture provided was the final database that was going to be created for the entire website.

Artefact 2 – Creating Database

The database was created using phpmyadmin. First all the tables were created as an outline. The database was created using uttf8\_general collection.

Artefact 3 – Creating Tables within Database

After outlining the tables, the inside was created. I made sure that the primary keys and foreign keys of the tables were accurate so that the connection between the tables would be successful. I made sure all the columns had the correct format (i.e. int, char, timestamp, etc.).

Artefact 4 – OHS.php

In this file this page was created to manage the OHS link in the footer. This file displays option for the OHS members to choose from. This page was not complete in release 1 properly. However, it allowed to access the current database.

Artefact 5 – auth.php

This is a php file that was used in the OHS management page. This php script made sure that with OHS page that only the members with password rights were allowed to access the database.

**Release 2**

Artefact 6 – login.php/ logout.php

In the OHS management page the login php script executes login for an authorised person. This script gets the information from database table auth, to find the authorised username and password to give access to the OHS page. Whereas the logout php scrip kills all the session on the page and returns to homepage. This logout php script was writing to be used for the log out button on the OHS management page.

Artefact 7 – display\_booking\_exe.php

This script fetches the data from database table booking and displays it on the OHS management page under booking button. It also executes if the booking approvals and declines.

Artefact 8 – display\_report\_exe.php

This script fetches the data from database table citation and displays it on the OHS management page under report button. It displays all the required information like citation ID, Citation Type, Officer ID, First name, Last name, Date & Time and if it was paid or not.

Artefact 9 – session.php

This script fetches complete information of the logged in user. It assesses how users access to a specific webpage for security purpose.

Artefact 10 – php\_index.php

This scrip starts the PHP session using the login.php script. If the session is active (i.e. approved login) then it will go to the OHS page and if it’s not active then it will go back to the authorisation page. Authorisation page is where username and password is inserted.