**Design Model and Layout**

Context:

To ensure robust code throughout the development cycle, good programming practices such as Separation of Concerns and commenting were used.

Bootstrap is used for styling and making the web app responsive.

Problem:

Unstructured code can be difficult to read, difficult to understand, and difficult to integrate. This makes it very difficult to maintain, test and add new features.

Solution:

The solution was to separate the source into different folders within the SCR folder namely:

* Models folder – Contains models of how data is stored in the database such as user schema
* Public folder - Contains the folders Scripts and Styles. The Scripts folder contains JavaScript code relating to the back-end functionality which Styles folder contains CSS code used for styling the web pages.
* Views folder – contains all the html code for the web pages

Other folders such as Documents folder contain all documentation relating to the project development and the \_\_tests\_\_ folder contains all the unit tests of the web app functionality.