Rationale

To create web application was quite challenging and interesting to use serve side languages. For web application need to create sing up, login in, add data to the database, retrieve data from the database, edit and delete content and display the content on the front-end.

It was also very interesting to use MAMP server to run the project on localhost and play around to discover to configure the setting and start running the server to check and view the web application pages and make changes to create this project. I am using first time MAMP sever because first year and second year we were using mostly HTML, CSS, and java scripting projects. It was little confusing and hard to configure this MAMP server in the beginning but with the help of online research and watching video tutorials how to configure this server and play with it become easy.

With the use of MAMP server its easy to view the index.php pages which was great experiment and learn and discover the new platform which is very useful to develop the projects using server-side languages and help to review the complete functional web application before its going to live on hosting server. This web application project we need to create database for user can register and then log in and monitor the data at the backend. The MAMP phpmyadmin provide lot easier create database for the web application development process before launching on web hosting server.

It was also challenging and interesting to use and create index php pages and using different server-side languages

- JavaScript
- SASS/SCSS
- Bootstrap with React
- React.js with ES6
- Webpack 4 - Babel
- Node.js

To develop a recipe box application, it was really fun, and I was also thing about to develop and recipe app. This project builds my confidence and provide me opportunity of learning how to develop and web application.

GitHub also new experience for me. I was using GitHub since my second year of university with glitch.com for my JavaScript unit projects. This first time I am creating the repository on GitHub. The GitHub also very helpful platform for new developer to learn and discover the new ideas. I learn a lot through this project which will help for me to develop web application project more easily and provide professional service to my clients in future. I thank full to unit convener to design the modules on canvas for student help.