

Assignment 3

Question 1: <https://github.com/IMainHibana/COSC-4353-Project/tree/main/Assignment%203>

Question 2: For our backend, we used Javascript to implement the functionalities of our application. Javascript was used to create functionality for the Login page, Client profile management page, and the Fuel form page. Javascript will also be used to connect to, and extract data from the database, which will be implemented in the next assignment. We decided to use Javascript as we are the most familiar with it and it isn't too difficult to use.

Contributions.

Group Member Name	What is your contribution?	Discussion Notes
1. Aaron Wright	Created userStruct.js and profile_management.js and priceModule.js	Learned how to use express.js and node.js to make the appropriate modules for the backend of a website, and how those modules could be used to connect to a front-end to create functional web applications.
2. Victor Kwok	Created the historyscript.js for the fuel history as well as updating the fuelhistory.html.	Learned how to connect js to the front-end html main page as well as how to derive data from the back-end js to the front-end html page.
3. Malay Sanchiher	Created the Login.js file for the login page, attempted to create unit tests using Javascript's jest library.	The login page now has functionality, so that the user can gain access to the services provided their credentials are valid. If the credentials are not valid, the appropriate prompts are displayed. Learned what jest is and how it can be used to test code and create code coverage reports, but had trouble implementing it for our application.