10.3HD: Complete Awesome Website Feature(s)

Tasks

In this task you are required to research and implement one or more features into a web page. Using your knowledge gained in this unit so far combined with your research and experimentation, the feature(s) implemented should demonstrate an **extension to your knowledge** and the ability to **communicate this to others**. In doing so you should be able to highlight the **awesomeness** of the feature(s).

Examples of features you could consider to research/develop/implement can include (but in no means limited to these):

- Application of the extended *Bootstrap components* to implement/enable a *positive user interaction* with your webpage.
- Implementation of more involved routing methods and error handling in the server side, within the *express* code.
- Implementation of (more) secure user authentication mechanisms - such that the *username* and *password* are **not** sent or stored in *plain text*.
- Dynamic content within a web page that is obtained from other sources (other websites) rather than your own webserver (localhost).

NOTE: Your web page should also include information/descriptions of the feature(s) you **have** implemented and **how** they were implemented in your page. Your website should be a small **wiki** / **tutorial** on the specific feature(s).

> Discuss your ideas with the Unit Chair in the workshops, or email directly.

What will you submit?

You should submit:

- Source code (html) for the web pages of your website.
- Source code of the *Node.js* file (i.e., `index.js`) that supports your website.
- Any additional material you need to provide (`.js` files or supporting docs).