

## Rebecca Young – Semester Project Two

After reading the brief set out, I took the first step of detailing the pages required in relationship to the JavaScript that would be required, so this would allow me to make the folder structure for the front end. I opted to use individual JavaScript files in modules for each page. I hoped this would allow me to keep the file structure smaller, it would also make it would also help towards delectability in that if I needed to delete a page, then I would know exactly what script file to delete and keep the code free of as much unused code as possible. And finally, it would stop the amount of interference with such things as event handlers on buttons. My final step in the initialization process was to set up the backend, connect the frontend and backend together, and then structure the data that would be required for each product. So, this would make it clear what inputs would be required to make a product and what information would be displayed on the product card and product page.

My next stage in my initialization process to hook up a standard Bootstrap / SCSS installation and integrate this into my existing file structure. Regarding colors and fonts etc. everything was kept standard now.

I did now encounter my first problem. My initial plan was just to import the Bootstrap SCSS files that I planned to use in order to keep the final build to a minimum, however if I installed all the files as individuals, the HTML was not recognizing the Bootstrap classes. After looking through my design brief I concluded that I was going to use a lot of the modules, so for brevity I used the complete Bootstrap files. In hindsight though, this may have been an issue with the sass compiler I was using at the time.

My next time in the process was to look through for several ideas for color schemes, font choices etc. From the beginning when reading the brief, I had the idea that I wanted to do a pet shop website. As this is a type of web shop I use myself, I thought it would be easier to draw on ideas. Initially, I wanted to use bright playful colors using the primary colors to make it playful. However, I did struggle to find accessibility friendly colors within the primary color range. So, I decided to use a patriotic color scheme, which included reds, white, and blues. This in the beginning did work well for me. However, as the website progresses, I realized that because of the red in the color scheme, it was causing issues with the danger color that was used for logout and delete buttons. So, my options were to just use the blue and white and use the red sparingly for certain colors. Or change the color scheme. Since we had used Bootstrap, this was easy to do by just changing the required colors in the theme. So, this was the option I used.

Once I had finished the website to the requirements of the brief, I then went through the codebase and did a refactoring making sure it followed the DRY policy and making sure it was as reusable but condensed as possible.

Overall, I did enjoy this project, and piece together everything we had learnt from not only JavaScript but with other modules, like color schemes and planning the project more. In hindsight, I would have planned my time better using Trello boards, and other techniques learnt so far. And if given the chance I would have liked to of not used a CSS framework as the class names made it easier to do the CSS required, and not use something like sass. So I would have liked to show off the sass we have learnt more in this project, apart from the Bootstrap overrides.