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For project two, the Atom text editor was utilized. The two main web browser's that were used for testing this webpage is the Chrome web browser as well as the Microsoft Edge web browser. Furthermore, the two main devices that were used for testing is a Windows 10 PC and a smart phone which uses the Android 11 operating system. These tests proved to be insightful as it highlights various problems and solution across different devices. For instance, there were instances where the size of a component seems appropriate on the PC however, this was not the case on the smart phone. In order to solve these problems, Bootstrap was used to resize elements when on different devices. I believe the differences across the devices also impeded some of my creativity because I had planned to use additional animations however, they did not seem to work as well on the smart phone, as they did on the laptop due to the navigation bar being slightly different.

As it relates to Bootstrap, the entire project was focused around its capabilities. I found it quite refreshing as there was no longer any need for manually writing code for every single task, especially the trivial tasks. Bootstrap was a great supplement to this project since there are countless pre-existing classes to choose from in order to facilitate my design needs. In addition, there are pre-written codes for several components such as modals, dropdown buttons etc. To make things even better, the Getbootstrap site contains visual reference in the form of live demos which enables me to look at and if possible, interact with the component's functionality if I so desire. In doing this, I am able to be fully certain whether or not I want to use this component within my webpage.

During this project, the most time-consuming part for me was the action of trying to find a way to edit certain components that was already present within the template. I expected this to be fairly easy, but this was not the case. This is due to the fact that certain elements often inherit properties from other elements. This can be complicated at times to find all the elements that are related along with how they are related. Furthermore, because the template's CSS consists of so many lines, it is at times difficult and tedious to try and understand the file.

Also, I must say that I could not help but feel a bit limited when choosing themes to use as templates as I did not see many that suited my ideas. However, I did eventually find one that was quite effective in my opinion. After all coding was done and I was satisfied with the webpage, I used the W3 validator tool to make sure my HTML code was up to the required standards.

It can be said that Bootstrap has a lot of advantages and I believe they far outweigh the disadvantages. With the biggest advantage being that it is very time efficient, given that it is used in the proper manner. Finally, I can confidently say that my ability to use Bootstrap has improved massively while carrying out this project.