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CSE-383 A Final

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**What worked?**

There were many things that worked out, both with this project and in the class as a whole. Firstly, I will talk about the project. My biggest success was perfecting the functionality of the project. The Ajax calls all reference the correct URL, the resulting JSON objects are outputted nicely onto the webpage, and the resulting objects are then sent back into the database where they can be queried for future purposes. In terms of the class, I was stoked to be able to learn about HTML write-ups and API calls. I never really understood what an API was and what it did, so learning that and how it integrated with JS/HTML was really cool to see and practice.

**What did not work?**

While I was successfully able to get most of the functionality working for my program, there were a few things I would have liked to spend more time on and make work better. For example, the Bootstrap/CSS on my site is rather lacking across all three pages. I would have liked to focus more on the design elements and made it more visually appealing and accessible. This would mean more differentiation in colors, better color schemes, better placement of HTML elements, removing unnecessary elements, and more. I also had to hard code some of the output for certain JQuery functions; a better understanding and application of for loops in that context would have been nice to look into. I would translate the CSS problem over to the class as a whole as well. I really struggled with that part most of all, and looking back should have put more time into understanding how Bootstrap elements work together, in-line vs. external CSS, and more.

**How long did it take?**

This project took me around 15 or so hours to complete. While this is a long timeframe on the cover, I really only coded for maybe a third of that time or less. The rest of the time was spent debugging, researching, and in general thinking. I found myself staring in front of a computer screen most of that time just deciding what to do next. It may have taken me less time if I spent more thinking about the conceptual ideas of the program from the beginning, but that will be a benchmark for future development.

**What did I like?**

I really liked in the class almost everything. In this project, I liked the application of APIs and JSON parsing. From what I understand, JSON is an object used by all sorts of programs and languages throughout software development and coding. Being able to research and learn a lot of those methods in a language such as JavaScript gave me a practical idea on how the stuff we learned is used in the real world. As a matter of fact, you can say that for just about everything we learned. The labs and homework assignments all tested my knowledge in a way that I know will help me out in the future.

**What didn’t I like?**

There were to primary things that I did not like in the class as a whole and on the project: CSS and the lack of Angular being taught in the class. CSS just was not something I understood or enjoyed learning about, the colors were difficult to navigate, designing all of the changes so that they worked together was frustrating, and it was just not as cool to me as working with APIs and JavaScript. The second thing that I would have liked to see from the class is Angular being taught. From what I have been told, a lot of companies are now recommending Angular for development of webpages as opposed to the stuff we learned, so while it is definitely still relevant I would have liked a little of that too. All in all, this class was one of my favorites in the curriculum and I learned so much.