

I think that the hardest feature to implement was the get methods for API. I was having trouble because I wanted to pass in the category and product name to get information about the product, but I was getting issues with body not being allowed in a GET call. I solved this issue by putting the category and product in the url instead of in the body. Another hard feature was linking the product html to a product name, which I solved by using `window.location`.

I think that overall, the hardest part of the project was putting everything together: I worked on the project by finishing one feature before implementing another, and oftentimes, the new feature implemented would result in error for the old feature. It was difficult to go through my old work to try to debug. It became more painful towards the end when there was just too much code to go through.

I think that the most helpful materials were definitely from the class: I found the CAFE website demo to be very helpful, as well as materials from Lecture 16-19.

I would definitely add the “contact sellers” feature. The purpose of my website was to connect buyers and sellers in local areas together so they could benefit. Unfortunately, the feature was too hard for me to implement, but given more time, I could have implemented it. Another feature would be the “buy” feature. I think it would be fun to implement a feature where a user can buy and track items from the website. Finally, I want to implement a search bar feature. If the store gets larger, a search bar would be necessary for users’ experience.

I think I enjoyed the freedom I had. Watching everything come together was extremely satisfying and rewarding. It was a chance to put everything I learned together, and I definitely learned a lot from the project, and I fully understand what I learned in the class. Surprisingly, the web design was a fun part of the project. Although it was excruciating to add all of the CSS styles, I think that the website looked good in the end.

I think that the overall structure of the course was very nice. I think having maybe one more project about APIs would be helpful, but I’m not sure, because the final project does involve a lot of concepts about API. I think that it’s structured very well - starting with simple HTML then adding CSS, then JS, and finally moving onto Node.js, then having projects and homeworks that teach us about the concepts. I wish that we had a little bit more format to CPs - it was nice having the freedom, but it was also difficult to come up with new ideas every time. I do appreciate that there were suggestions that helped us get started.

Definitely try to go to lectures, and start working on the project early. Don’t take the class with CS38... Overall, however, I found the class very enjoyable. It was one of the more “practical” computer science classes where you could actually see the output of your code. I liked the amount of freedom that we were given for the projects.