

## Final Project Reflection

This final project has been a great learning experience to tie everything I have learnt in this class together. The hardest features to implement were definitely understanding how the GET and POST endpoints work together from app.js to the client-side .js and in order to approach this, I definitely give credit to the TAs and Hovik for explaining how they worked and once I was able to figure it out for the cart, I was able to do so for reviews, contact, and removing items from cart. I would say lecture 14 and 18 slides and the #C0FFEE Shop demo were very helpful with this project and when I would go into errors, using console.log, the app.js debugger, and breakpoints guided me on where my errors were and helped me figure out what I was missing or doing wrong. I tried to implement local storage and SQL for the contact, review, and cart pages but I was unsuccessful. For the local storage, I was unable to connect it to the app.js as there was not too much information given on it and what I tried did not work unfortunately. For SQL, I did not completely understand how it would work as I have only worked with combining SQL and Python in the past but there was information uploaded to the Canvas. I just happened to learn how to do it through JSON/.js so I just stuck to that.

If I had another week, I would definitely like to add an admin side to the clothing store. I think it would be interesting and it would add more functionality to it. I enjoyed learning and watching every piece come together and the most rewarding part was learning how to do the GET and POST because after I understood what I was doing, I was able to breeze through the contact and review page which made me feel like I was able to accomplish something. Having 1-1 reviews and scheduled OH with Hovik was very helpful and if I would change anything, I would definitely say adding more TA office hours or changing them so that they are not all on one day so that people are not stranded if they are unable to make OH on that day. Also, I feel that there are many requirements for this assignment and it felt a little overwhelming so maybe reducing the amount of requirements could be helpful for future years so that students can focus more on enjoying what they are doing than trying to hit the requirements.

I worked with Julian Navarro on this assignment and it was a great experience as we worked well together. He mainly took charge of the contact page while I did the review and cart page. We both split the API and filled it in. I would definitely recommend working with a partner who has similar goals and availability as you. For future students taking this course, I would definitely say if you are ever feeling lost during the class, reach out for help because if you are unable to understand what you are doing, it will become very difficult at the Final Project to know what to do. Also, lectures are crucial as you gain a large amount of information every time as lectures cover many topics. Finally, start your assignments early and go to office hours as it is easy to fall behind. In conclusion, this full-stack project was definitely a challenge but it was very rewarding as I learnt so much through it about HTML/CSS/JS.