CS 132 Reflection
Spring 2022
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The most difficult feature to implement was by far the image uploading. After that, everything else seemed easy. And we were able to implement all the features we wanted. The main issue with the image uploading, was that my partner and I didn't understand multer correctly, and were unable to catch the bug since to get the uploads to work, we had to app.use multer differently than taught in class. Luckily we had a one on one with El and learned more about this. Finishing the image uploading feature was really rewarding since we spent so much time on it. Outside of the image uploading, we used stack overflow when we got stuck with small things, and we also used the COFFEE example a lot for inspiration as to how to set up the shop.

Working with a partner on the backend was really helpful. It was good to have another set of eyes to catch bugs and stay focused to complete the API faster. We split the workload by pair coding with live share. I worked on the API a little alone too since I was really motivated to fix the image upload bugs and had some extra time. This project took a lot more time than I expected, so I would advise students to start as early as possible. The proposal helped a lot with having a clear idea of what I wanted for the shop before finals week, so I'd recommend putting a good amount of work into that too.

If I had more time to work on this project, I would try to change the design. I wanted to go with a retro look, but after completing the project, I think it looks kind of ugly and I want to change the design, but it would take too long now. I would also add more features such as being able to get the single product view from the cart and allow multiple customers to log in and have separate carts.