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CS 132
Final Project Reflection

The hardest feature to implement was Chosen Feature Option 2. Implementing this feature involved both the front end and back end. I first approached the front end. For the front end, I had to implement a purchase button for the product currently being viewed. I added an event listener which would "make the purchase" when clicked. For the back end, we had a POST endpoint that would update and store the product's instock field in the data. If the purchase is successful and the update is made, the front end then disables the purchase button and indicates the product is sold out. If any users view the product after, the page will indicate that the product is sold out since the database is updated.

Lecture and lecture slides were by far the most important resources. They contain most of the information necessary for the final project. Postman was also a very helpful resource for the backend and documentation.

If I had another week, I would want to improve some front end design features. For example, a possible idea would be to have a single product pop up instead of changing to a different view. This would be an opportunity to implement something new that would improve the user experience.

The part I enjoyed most about the project was planning and implementing the front end styling. During this course, I have found that I really enjoy the initial stage of designing the style and user interface using wireframes, etc. The most rewarding part of the project is when I was able to get the backend and frontend working together. It was satisfying to see the frontend gain functionality and work as intended.

I worked with a partner. We divided the backend work evenly and I had a good partnership experience. I would recommend having partners in the future.

For future students/implementing the Final Project, I would recommend finishing as much of the front end as possible when completing the initial proposal. Since I spent substantial time on the HTML and CSS when working on my proposal, I could focus on the backend after the final project specifications were released. Because the backend and accompanying Javascript are very involved, I spent significant time on the project even with most of the styling complete.

Peer Feedback:

Fp-api-documentation:
https://discord.com/channels/1224522707698192487/1245587432414380042/1248474254870315118
Fp-demo-feedback:
https://discord.com/channels/1224522707698192487/1246605141780594698/1248476863915884635
Response:
https://discord.com/channels/1224522707698192487/1246605141780594698/1248479383690412102