

Reflection

The biggest challenge I encountered was deploying the website since I had never had to deploy a website before. An additional challenge was that since we have one repo for the class, we had to specify which folder to host. For the first assignment, I used GitHub pages to deploy the site. There was enough documentation for me to look up to debug my own issues. However for the next assignment since I switched to using React, I could not figure out how to host my React app. I tried using 'gh-pages' to properly set my app to be hostable on Github but it would not work and there was not much documentation to assist. I went to Sujeath's office hour but in the end, even though it worked locally, it still didn't work after I pushed it to Github Pages. So I switched to Netlify and once I tweaked a couple variables, it finally deployed. I've learned to now deploy the site first so I would not have to worry about it before deadline since it was the hardest part of this project.

5 Learned Programming Concepts

1. Deployment on Github and Netlify
2. React state to control the shopping cart
3. React hooks to make sure the states update properly
4. CSS grid for the site layout
5. CSS flexbox for the footer layout

Libraries used

- Styled-Components
- React-router