

Fletnix - Netflix Clone

Design Document - Mark McGregor

Reasoning

I chose to create Netflix because I thought it had an interesting layout that would be fun to replicate. I also found it easy to identify 2 pages that I could create, and was familiar with how the site works, making it easier to think about breaking it down into components without doing much research. I was also originally thinking about using an API to get data for the clone, and found a few APIs for movies and shows, but didn't end up committing to this in the project due to time.

Pages

- Who's Watching Page:
 - I chose to replicate this page because I thought it would be a good gateway into the app and be an opportunity for some interactivity without actually creating functionality in the app.
- Home Page
 - This wasn't really an option, I felt like I had to create the home page if I was replicating Netflix, being, in my opinion, the most recognized page in the app.

Components

- Navbar
 - This component renders the banner visible on the top of the homepage. I felt like it was a good opportunity to group some common elements into a component.
- Banner
 - This component renders the large banner image, text, and buttons visible on the home page. I felt like this was a complex component whose content would change without the overall layout changing (ex: different show/movie, same styling).
- WhosWatchingProfile
 - This component renders a profile on the who's watching page. I thought that this component would reduce redundancy when there are many profiles to choose from.
- MediaList
 - This component renders a 'section' of media (shows or movies) on the homepage. It was created to reduce redundancy and render many media items.
- MediaCard
 - This component renders an individual show or movie card on the homepage. It was also created to reduce redundancy on the homepage where there are many shows and movies to choose from, all with the same styling and functionality.