myFlix

Movie app

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OverView

myFlix is a website that displays information about movies; eg. directors, movie synopsis, and genre. As a user you're able to filter movies by title using the search bar and look at information specific to the movie, director, or genre.

Creating an account allows the user to save their favorite movies to a list that can be viewed in the profile section. In the profile section the user can view and update any of their information. The user can also edit their favorite movies list displayed under their information.

Objective

Build the **server-side** of a "movies" web application that will provide users with information specific to a movie and its director as well as genre.

Build the **client-side** using React, then connect it to the REST API and database.As a user you'll be able to sign up, edit your information, as well as create a list of your favorite movies, viewable in the profile section.

My Role

Completed as part of the *CareerFoundry Full-stack web development course*, I was responsible for creating the **back-end/server-side** of the app. This is where all the information will be stored and handled.
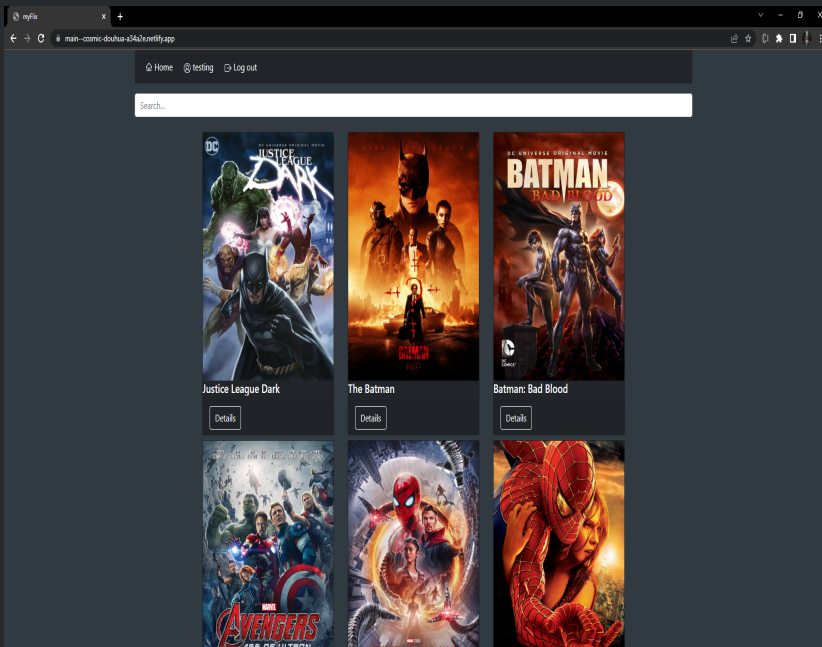
I was also responsible for building the **front-end/client-side**. This is where the users will be actively viewing and interacting with the information. The styling and theme of the app was my responsibility as well.

Tools Used

Completed mainly using the MERN stack
- MongoDB
- Express
- React
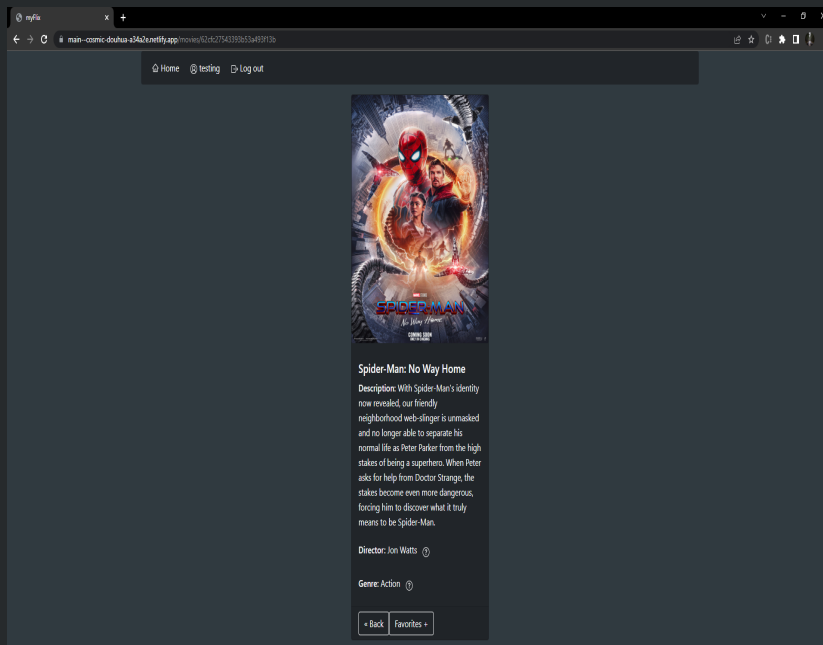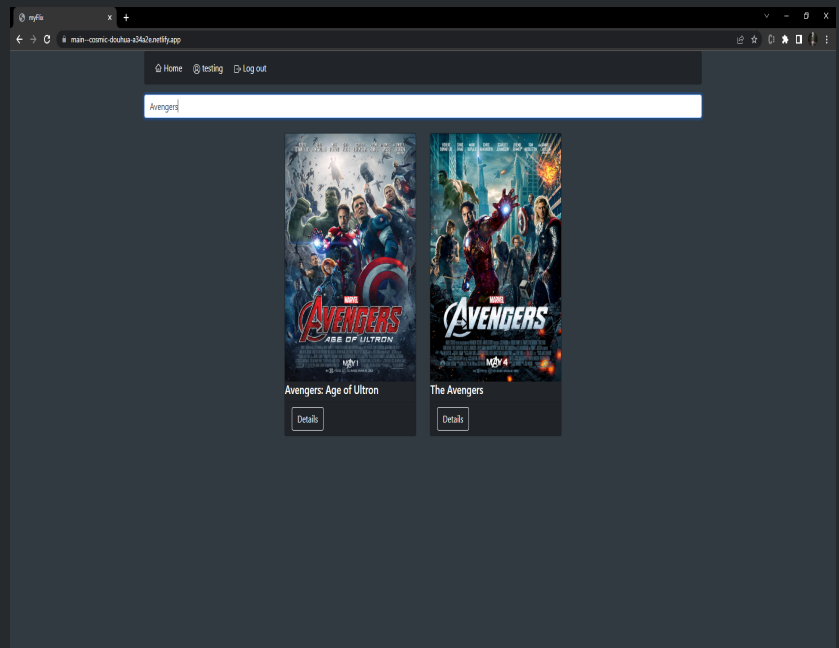- Node.js
- Redux

myFlix Views

Home View

First View a user sees when logging in. Displays all movies which can be filtered using the search bar under the navigation bar. The navigation bar gives the user 3 options-
Home: Redirects to home page
Username: Redirects to profile page
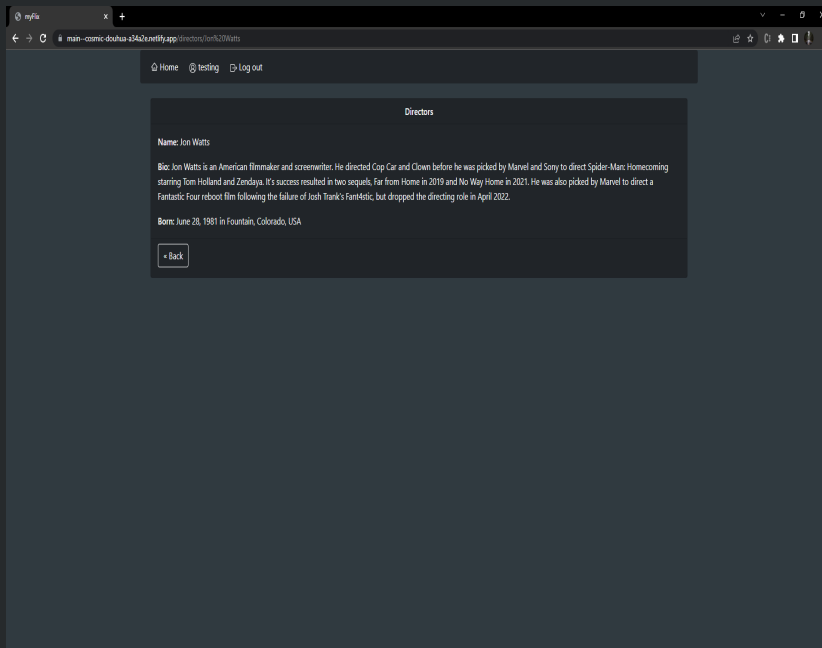**Log Out:** Logs Current user out

Filtered Movies View

View shown when the user filters through movies using the search bar.

Movie View

View shown when the user clicks on a movie. Here the user is able to add the movie to their favorites list and also see the movie synopsis. Clicking the question mark will show information regarding that genre or director.
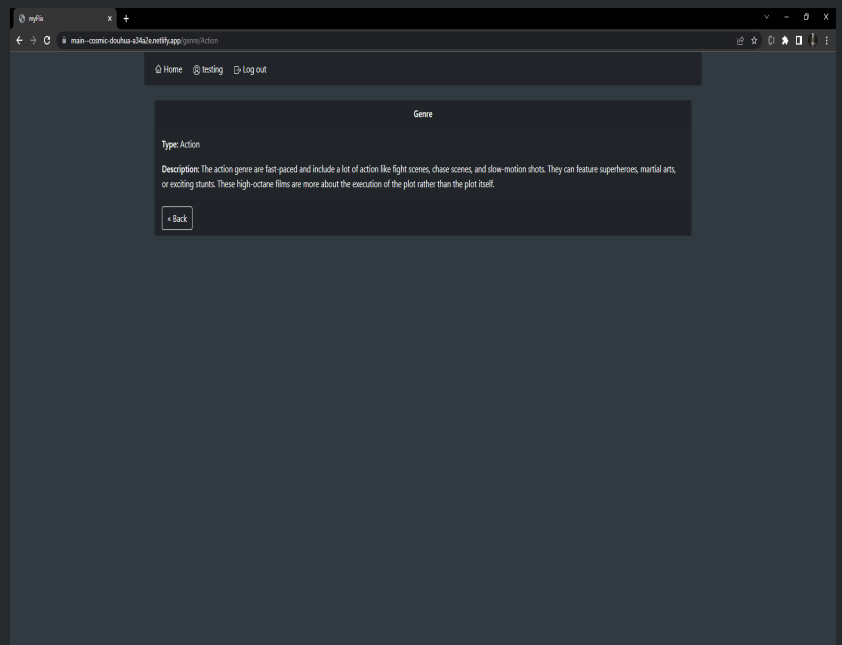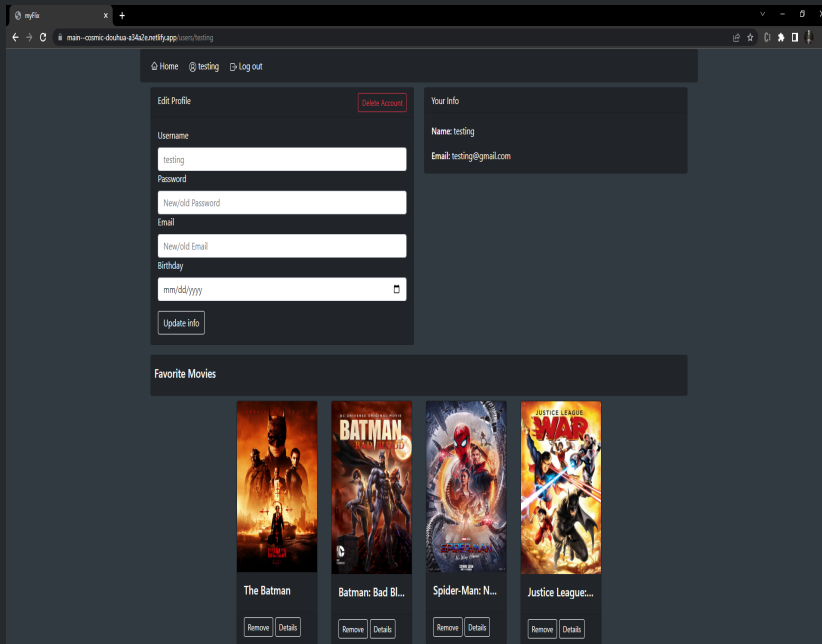
Directors View

This view is shown when the user clicks the question mark next to the director's name in the movie view. Information regarding the director is shown in this view.

Genre View

This view is shown when the user clicks the question mark next to the genre type in the movie view. Information regarding the genre type is shown in this view.

Profile View

Here the user can view and edit their information. Their list of favorite movies is also displayed and the user can remove movies from it by clicking the remove button next to details.

Reflection / Retrospect

Looking back, this project brought me the most struggle and I was only able to come up with a very simple design and basic functionality. The most struggling part being the movie filtering and mapping the users favorite movies.

If I were to do a project like this again, I would focus more on the features and the movie information provided. I would add more information for both the movie and the directors, perhaps even a cast section.I would also like to add more forms of movie filtering and methods of displaying movies, giving the user more searching options.

The theme could also be revamped to give it a more modern and sleek look.All in all, it was a fun and challenging project that brought a valuable learning experience in creating CRUD apps.