

NextWatch

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Description

Our project is a movie finder application. Users will be able to search for movies based on their individual preferences. Users must create a NextWatch account, allowing them to add movies of interest to a watch list connected to their profile.



Features

- Fill out a registration form to create an account
- Verify user's email and password to log in
- Search for movies to watch
- Add and save movies to user's own watch list



Planning - User Stories

- Create a NextWatch account
- Log In to NextWatch
- Search for movies to watch and find the streaming service(s) where they're available
- Add movies of interest to a saved personalized watch list



Planning - Database

- The users table was created to store the user's information when they create an account. The user's email and password are compared and verified against the users table when logging in.
- The related watch list table was created to hold information pertaining to movies the user adds to their watch list. Movie data is imported from the TMDB API.



Technology Stack

- JavaScript, CSS, HTML, C#
- React
- MySQL
- GitHub
- Visual Studio Code & Visual Studio



Demo



What I Learned

- A lot about React.js (class vs functional components, hooks, state, props, how to import and use various libraries)
- How to connect React front-end, C# back-end, and MySQL database
- How to build a modal that contains a form
- A lot about GitHub (how to create pull requests, review other people's code, resolve merge conflicts, merge branches into main)



What's Next

- Continue improving the UI (adding more CSS and user interactions)
- Updating the search form to include more options for the user to customize their search (genre, rating, specific actor, etc.)
- Allow user to “remove” movies from their watch list
- Refresh TypeScript skills and continue learning React
- Start a new project

