

NextWatch

Annalyssa Stakes
@astakes90 on GitHub

Description

This app uses the TMDB API to allow a user to search for the streaming service(s) where a movie they want to watch would be located. The user must create a username and password in order to use the site. Users may also create a list to keep track of the movies they would like to watch.



Features

- Users can:
 - Create accounts
 - Log in
 - Search for movie titles by a text search
 - Create a list of movies they want to watch
- The app connects to the TMDB API to return movie information.



Planning - User Stories

- Idea came from the struggle to find where a movie is streaming online.
- This app would allow a user to create a new account which would be linked to a watch list the user can add to. The user is able to search by words or titles to find movies and where they are streaming. The user would then be able to add movies to their watch list.



Planning - Database

- The User table has fields for ID, UserName, Password and email.
- The Watchlist table has fields for ID, Name, User, UserId and MovieIds. This table is connected to the User table by using the same UserId of the user. It connects to the WatchlistMovieId table by the MovieIds.
- The WatchlistMovieId table has fields for MovieId, Movie, WatchlistId and Watchlist. This table connects to the Watchlist table and the movies by using the Ids.



Technology Stack

- Language: JavaScript front end, C# back end
- Visual Studio for Mac
- React.js ASP.NET Core
- SQL Server Database



Demo



What I Learned

- React.js
- Connecting to an API
- Using React components and state to take in user input and redirect them to a results page



What's Next

- Need to update the search form to be able to search by genre and streaming services. The original idea for the app was that it would be an app to help you find what to watch next. We want the user to be able to only input their streaming services and the genre they want to watch and have the search results be suggestions for the user.
- Need to create an update method so that a user can change or update their information in the database.
- I would like to create a new app from scratch using the MVC model and only C# instead of having my project split between JavaScript and C#.

