

Build a Movie Watchlist App

Description

Create a simple movie watchlist app that allows multiple users to search for movies, view details about them, and add/remove them from their personal watchlists.

Wireframes are provided at the end of the assignment to help in the design process

Requirements

- Use ReactJs
- Fetch movie data from the Open Movie Database API (<http://www.omdbapi.com/>)
- Use an appropriate state management tool
- Authenticate users by email address, they do not need to verify access to the account.

Users can

- Create a new account with an email address
 - To create a new account, the user only needs to enter their email address. You do not need to validate the email address.
- Log in and out of their account
 - Entering the email address is enough to login to the account.
- Search movies by title.
- View movie details including title, release year, poster, plot summary.
- Add movies to their personal watchlist.
- Remove movies from their watchlist.
- View their personal watchlist.

The data of all users should be stored locally, if multiple users log in or log out, they should be able to see their respective information, as it has been saved.

Evaluation Criteria

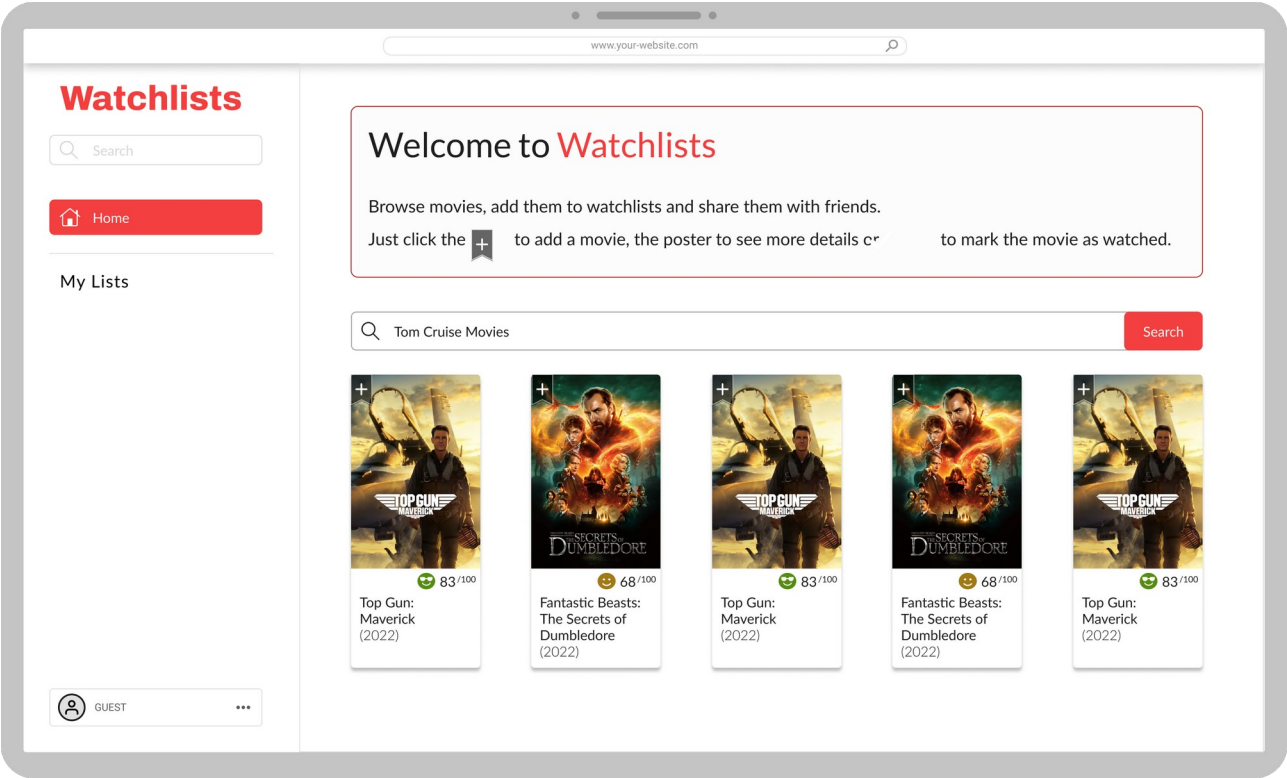
Your submission will be evaluated on:

- Completion of all features and requirements
- Code organization, readability, and reusability
- Proper usage of React concepts and best practices
- State management
- Routing implementation
- User authentication and personalization
- Error handling
- Responsiveness

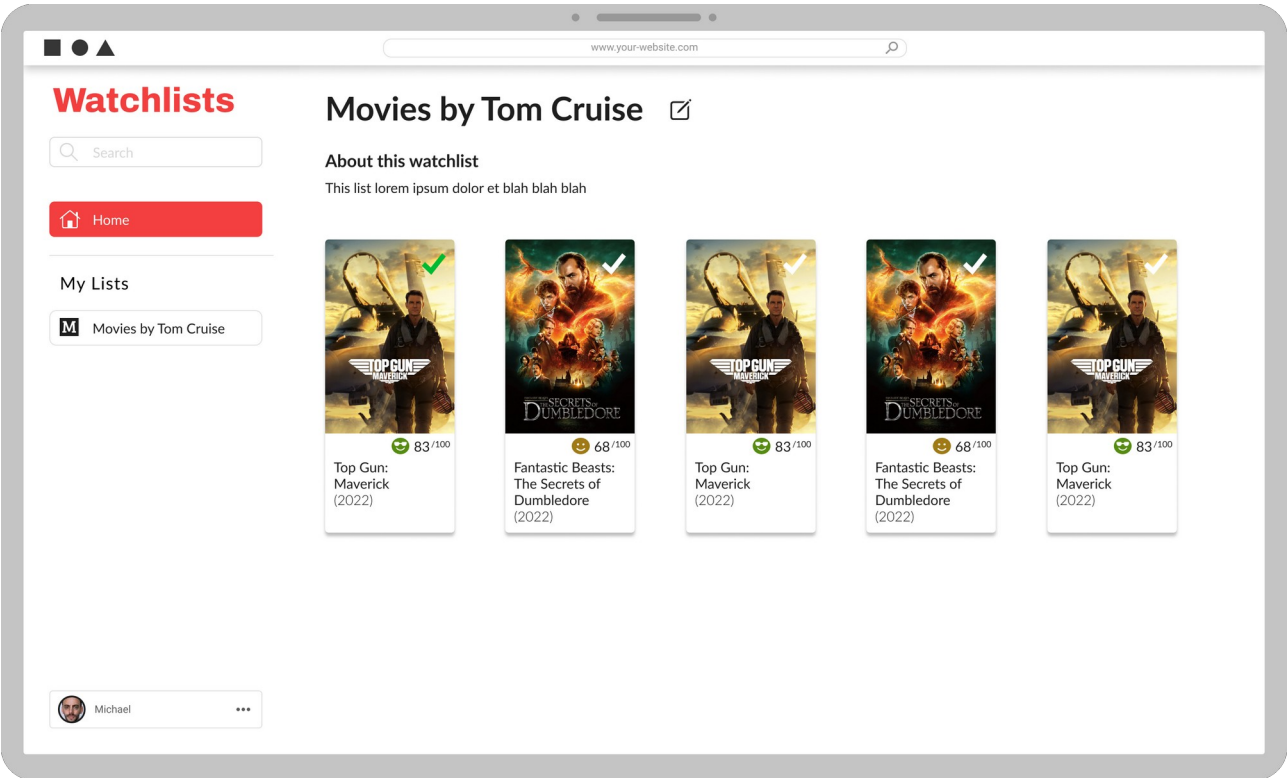
Wireframes

You can use the below images as wireframes for the Search and Lists pages. Feel free to make any optimizations as you see fit.

Search View



List View



Offer Criteria

In addition to all functionality we expect your submission to be strong in each of the evaluation criteria, depending on the experience level for which you will be evaluated. Basically it should be something that can be used in a production application directly. You need to think of what all needs to be handled in a production API above and beyond what's mentioned above (we want to evaluate whether you will be able to work independently).

Regarding Plagiarism

- ***Please ignore this if, like most people, you are not plagiarising your work.***
- Please don't send code that is partly or fully written by someone else.
 - We check every new hire's code for plagiarism one month after you join us.
 - If any level of plagiarism is found in your assignment, or any misrepresentation is found in the professional credentials you present in your resume, then 1) your employment will be terminated immediately and no salary will be due.

[Below is for Internal Use]

This aims to validate skills in

- ✓ Consuming third-party APIs.
- ✓ Managing complex user state.
- ✓ Using React ecosystem tools.
- ✓ Writing clean, modular code.
- ✓ Understanding core React concepts.
- ✓ Implementing authentication flows.
- ✓ “The data of all users should be stored locally, if multiple users log in or log out, they should be able to see their respective information, as it has been saved”
 - *If this is not implemented well and bug-free, immediately reject the candidate.*
- ✓ All of the expected functionality should be implemented.
 - *If this is not implemented well, immediately reject the candidate.*