Movie Search App Prototype

Objective

The Movie Search App is a React.js-based web application that allows users to:

- Search for movies by title using the OMDb API.

- View a list of popular movies by default.

- Access detailed information about movies through a modal interface.

Features

1. **Homepage**

   o Displays a search bar for users to search for movies.

   o Shows a list of popular movies by default.

2. **Search Functionality**

   o Retrieves movie data from the OMDb API based on user input.

   o Displays results with movie titles and release years.

3. **Movie Details Modal**

   o Opens a modal on clicking a movie.

   o Displays detailed information, such as plot, genre, and ratings.

Technologies Used

- **Frontend Framework:** React.js

- **State Management:** React Hooks (useState, useEffect)

- **API:** OMDb API

- **Styling:** CSS, Bootstrap (for responsiveness)

- **Version Control:** Git and GitHub

How to Run Locally

Prerequisites

- Node.js and npm installed on your system.

- OMDb API key (sign up here).

Steps to Run

1. Clone the repository:

    git clone https://github.com/your-username/movie-search-app.git

2. Navigate to the project folder:

    cd movie-search-app

3. Install dependencies:

    npm install

4. Create a .env file in the root directory and add your API key:

    makefile

    REACT_APP_OMDB_API_KEY=your_api_key

5. Start the development server:

    npm start

6. Open the app in your browser at http://localhost:3000.