WEISSBEERGER

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FullStack Assignment

Intro

In the following assignment, you are asked to develop a single

page application using the OMDB API (http://www.omdbapi.com/)

OMDB offers an open API to search for movies and more. The API will return a JSON

response along with information about the movie. It also enables you to search for movie

details and a lot of other options, which you'll have to explore.

Go to the API website and explore the examples using the following API key:

bb182d9e.

The Assignment:

Create an SPA (single page application) with 2 screens:

1.   The first screen will contain search input for searching for a movie in the API

2.   The second screen will contain information about the movie

1. User searches for a movie, and the application searches it in the API

   a. In case there are no results, show a message with no results

   b. In case there are results, display them with the images (see the attached files for an example of how it should look).

   c. When the user hovers on the image, display the year and the title

   d. Search input should auto-suggest results while the user is typing (you have a path in the API). Display the right images in the search results section (see attached files)

2. After the user has clicked on an item, a popup will be opened with a loader inside, then it will display the movie's FULL details: image, title, release date, genres, director, actors, plot (long one), IMDB rating, and a link to the website (if it has one)

3. Both on the search page and the movie page the user will have the ability to add the movies to a wish list. The wish list will be saved in the local storage.

4. In the search screen (the opening) screen, except for the search input, all the movies (stored in the local storage) will be displayed.

Server side

You also have to write a server-side flow.

Write an API that makes the requests to the OMDB API, which means that the requests from the frontend DO NOT refer to the OMDB server, but rather to your local server which makes the request.