Movies Flix Documentation

It is a simple web app to search for movies and see their details. It is developed with the react framework.
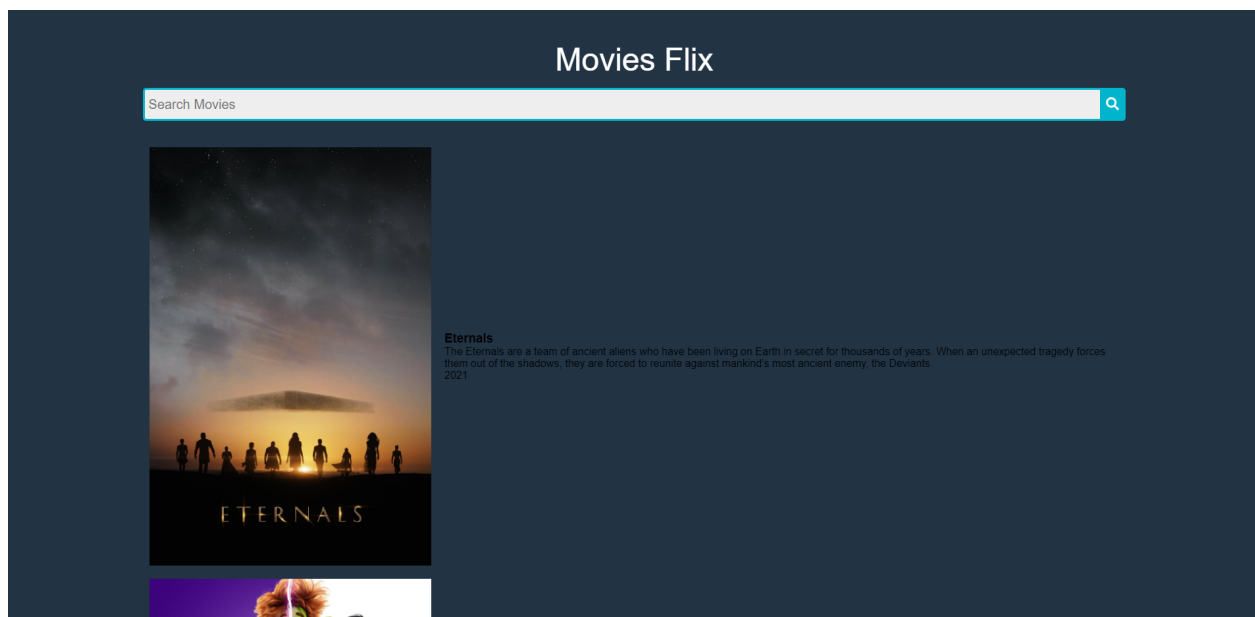
Prerequisites to install:

Git
Node js

To clone the repository:

The repository is public. The only thing you have to do is to open a command prompt in your desired path and run the command "$ git clone https://github.com/kokos02/ReactMovieApp.git".

To start the app:

Open a command prompt and navigate into the ReactMovieApp folder. There you have to first run the "$ npm install" command. This has to happen in order to install all the node modules needed to start the app. After that run, the command "$ npm start"' and a new tab will open in your default browser that will have a localhost link. The app is up and running. You should see the following screen.

In the app:

On the home page, you will always see the most popular movies right now. The functionality from now on is simple. You just write the movie title you want to see the details and you either press enter or press the magnifying glass icon on the right end of the search bar. This will send a request to the movie database and bring back all the movies that contain the portion of the string you entered. Then you just have to click the movie you want to see and you will be redirected to a new page that has the movie info. From there you can either go back with the browser button or press the Movies Flix logo to go back to the home page. All these actions contain various animations.

Tools used:

- Visual studio code for code editing
- Git for version control
- React framework
- Yarn for Unit testing
- Framer motion package for the animations
- Themoviedb.org as the movie database after obtaining an API key

Unit testing:

There is a file called SelectedMovie.test.js that consists of some unit tests. You can run the command yarn start to check the results. Apart from the master branch, there is a Unit test branch that was made to do the unit test. You can alternatively find that file there but as everything is merged to the master now you don't have to checkout to that branch.