

MyFlix App

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Overview

- myFlix is a web app, Server- side developed using the MERN stack, client side build using Angular that provides users with access to information about movies, directors, and genres. Users are able to create an account, update their personal data, and create a list of favorite movies.

Purpose & context

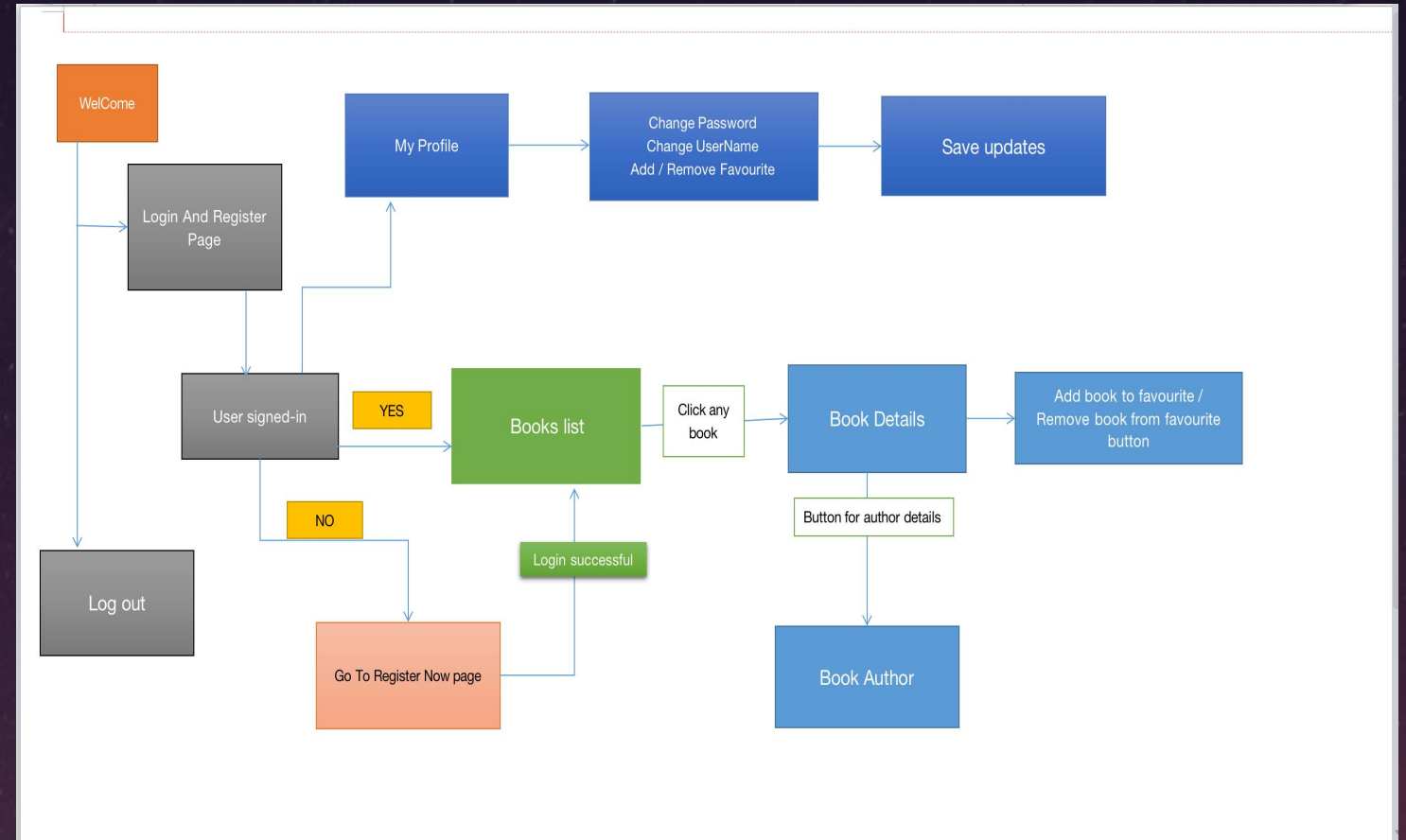
- myFlix was a personal project I built as part of my web development course at CareerFoundry to demonstrate my mastery of full-stack JavaScript development.

Objective

- The aim of the project was to have an ambitious full-stack project I can add to my professional portfolio. The problem I wanted to solve is to build the complete server-side and client-side for the application from scratch.

Terminology Used

This is the sample example of user flow I have created for the project for a basic understanding of the app.
(here I used example of books list)



Server - side programming

The complete server-side of web application, including the server, business logic, and business layers of the application. It consist of a well-designed REST API and architected database built using JavaScript, Node.js, Express, and MongoDB. The REST API will be accessed via commonly used HTTP methods like GET and POST. Similar methods (CRUD) is used to retrieve data from database and store that data in a non-relational way.

GOAL

1

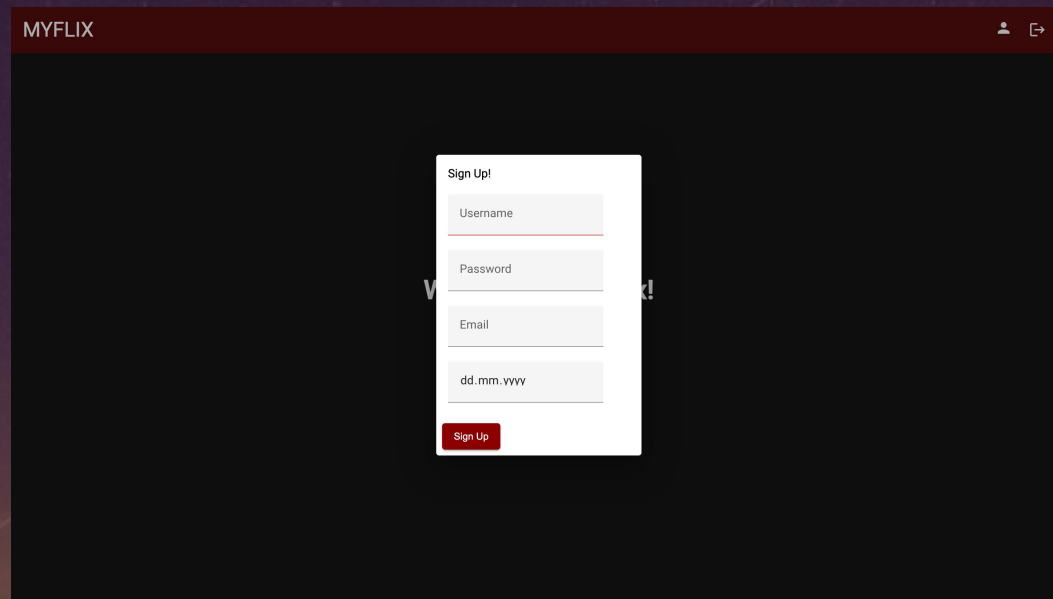
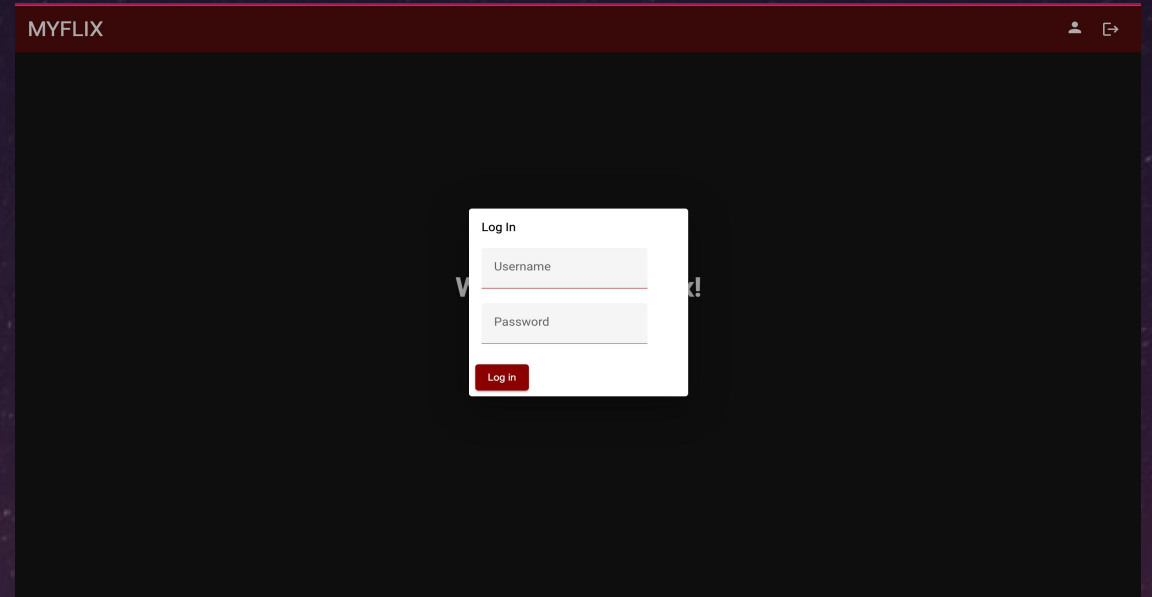
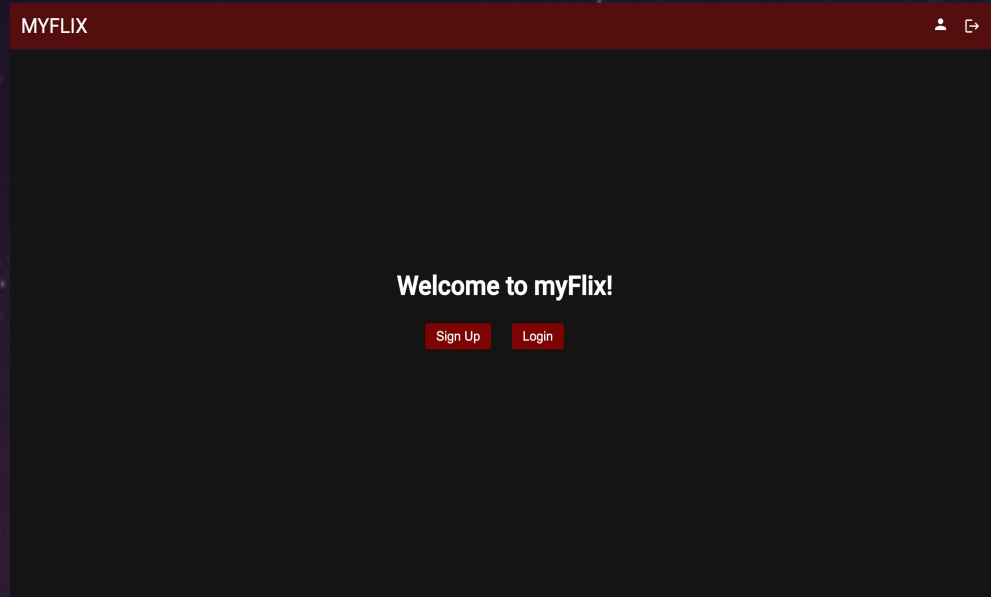
Whenever users of myFlix are interacting with the application, the server-side of the application is in use, processing their requests and performing operations against the data in the database. These users will be able to use the myFlix application whenever they like to read information about different movies or update their user information.

Technology and Tools used for server-side API

2

MongoDB , Mongoose , Heroku , Postman, Express

MyFlix App view



Client - side Programming

After completing the server-side i started working on the client-side application i have created two client sides one is using react and the other using angular. A single-page, responsive movie app built with Angular, with routing and several interface views includes Movie card list, profile details view. The client-side support the server-side facilitating user requests and rendering the response from the server-side via a number of different interface views.

Technology and Tools used for Client-side API

Angular , Typscript , hosted on Netlify

Duration

3 weeks for both the server-side and client-side development.

Challenges

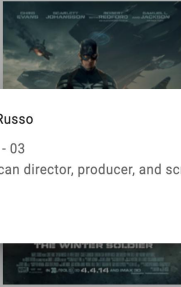
While working on both the server side and client side I faced some issues related to CORS also while working on the client side angular app on the login page code I didn't add a user stringify function due to that issue list of movie card wasn't visible on the live server so I rectified that and app started working properly .sometimes while working on buisness logic I used to have doubts, But with the help of my great tutor and after a pair-programming session with an experienced developer, I could conquer that mountain.

Avengers: Infinity War
Directed by: Anthony Russo



Genre Director Synopsis ❤️

Captain America: The Winter Soldier
Directed by: Anthony Russo



Genre Director Synopsis ❤️

Lord of the Rings
Directed by: Peter Jackson



Genre Director Synopsis ❤️

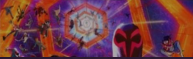
Anthony Russo

1970 - 02 - 03

An American director, producer, and screenwriter.

Close

Spider-Man: Across the Spider-Verse
Directed by: Joaquim Dos



King Kong
Directed by: Peter Jackson



My profile

Username : komal123

Email : komal@gmail.com

Update Profile :

komal123

Password

komal@gmail.com

dd.mm.yyyy

Update Info

Delete Account

Inception
Directed by: Christopher Nolan



Genre Director Synopsis ❤️

Harry Potter and the Sorcerer's Stone
Directed by: Chris Columbus



Genre Director Synopsis ❤️

Interstellar
Directed by: Christopher Nolan



Genre Director Synopsis ❤️

Avengers: Infinity War
Directed by: Anthony Russo



Captain America: The Winter Soldier
Directed by: Anthony Russo



Lord of the Rings
Directed by: Peter Jackson



Future Steps

I'd like to improve the app by adding new features such as the ability to search movies by genre and director name. I also plan to expand the app's movie database to make it more engaging and interactive.

Final Thoughts

Working on this app was quite a roller coaster ride. At times, it felt straightforward, while at other times, it presented significant challenges. However, as I remained consistent and put in the effort, I began to enjoy the coding process.

Credits :-

Tutor :- Ayeah Godlove Akoni

Mentor :- Nizar Triki

Thank You

THANK YOU FOR READING

