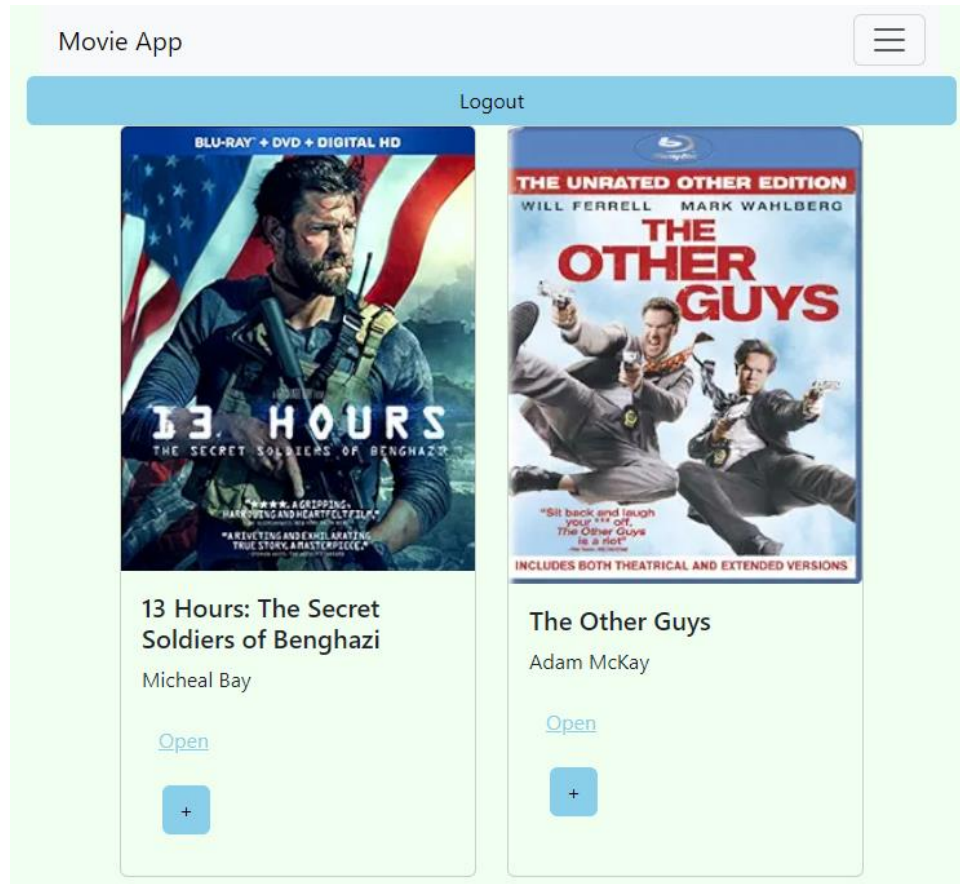


Movie app

Description

The Movie app was crafted using MongoDB, JavaScript, and deployed on Heroku. With this application, users can seamlessly create accounts and curate a personalized collection of favorite movies. Additionally, it offers convenient features to modify both your movie list and account details as required.



Objective

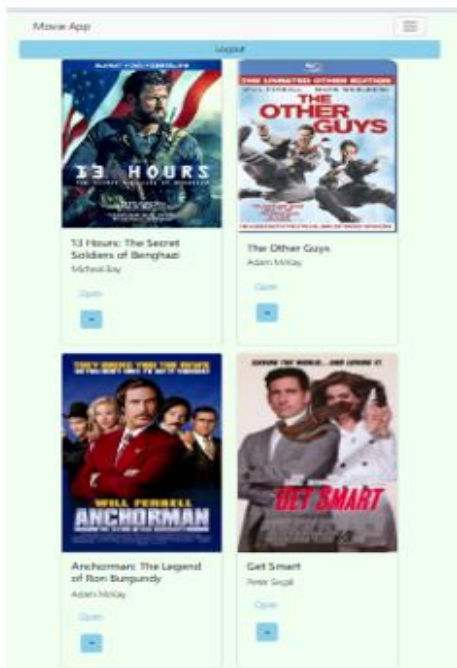
This study aims to analyze the development and functionality of the Movie app, with a specific focus on its utilization of MongoDB, JavaScript, and deployment on Heroku. By examining its features and user experience, the study seeks to elucidate the app's effectiveness in facilitating account creation, movie selection, and user customization. Furthermore, the addition of token authentication will be evaluated to provide insights into the app's practicality and potential for further improvement.

- I. Assess the integration of MongoDB, JavaScript, and Heroku in the development process, examining their roles in enabling user account management and movie list customization.
- II. Investigate user experience through the lens of account creation, movie selection, and modification functionalities, identifying strengths and areas for enhancement.
- III. Consider the scalability of the Movie app architecture and propose recommendations for future iterations, focusing on optimizing performance and expanding feature sets to meet evolving user needs.

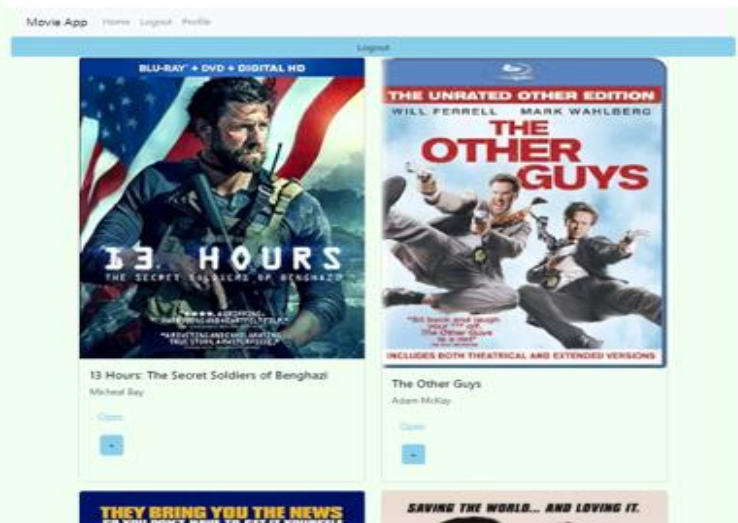
Features

Meet App Information Display: The Movie app empowers users by enabling them to effortlessly add and remove movies from their favorites list. Additionally, users have the flexibility to delete their account as needed, offering a seamless experience tailored to their preferences.

Responsive Design: The Movie app is meticulously designed to ensure a seamless experience across various devices and screen sizes. Whether accessed from a desktop, tablet, or smartphone, users can anticipate consistent functionality and intuitive navigation.



Smart Phone View



Tablet View

Technical Implementation

The Meet app is built using a combination of HTML, CSS, and JavaScript, ensuring robust functionality and seamless user interaction. Rigorous testing with Postman guarantees a smooth user experience without any glitches.

Incorporated token authentication enhances the app's security. With PUT, POST, and DELETE methods in place, users can expect a seamless and enjoyable experience while interacting with the application.

Careful attention has been paid to CSS styling, enhancing the app's visual appeal through thoughtful layout design, font choices, and color palettes. Prioritizing simplicity and readability, the design enables users to effortlessly engage with city events, free from unnecessary distractions.

Development

The project was crafted utilizing JavaScript and MongoDB. In the initial phase, we established the API that MongoDB would interact with. Subsequently, the focus shifted to user-centric development, where the client-side of the application was carefully designed and implemented.

Front-End

The application was developed using JavaScript with a primary goal of offering users a database of movies for personalized selection of favorites. Each movie entry includes essential details such as title, director, genre, and a concise synopsis. Additionally, users can conveniently update their account or remove information as needed.

Movie App



Title: 13 Hours: The Secret Soldiers of Benghazi

Director: Micheal Bay

Genre: Action

Description: The film follows six members of the Annex Security Team who fought to defend the American diplomatic compound in Benghazi, Libya after waves of attacks by militants on September 11, 2012.

[Back](#)

Profile

Favorite movies

Update info

Name:

Password:

Email:

Birthday:



[Update](#)

[Delete Account](#)

Example of some of my code:

```
import React, { useState } from 'react';
import { MovieCard } from '../movie-card/movie-card';
import { Container, Row, Col, Form, Button } from 'react-bootstrap';

export const ProfileView = ({ user, token, movies, setUser }) => {

  const [username, setUsername] = useState(user.username);
  const [password, setPassword] = useState(user.password);
  const [email, setEmail] = useState(user.email);
  const [birthday, setBirthday] = useState(user.birthday);

  const favMovie = user.favoriteMovies ? movies.filter((movie) => user.favoriteMovies.includes(movie.id)) : [];

  const handleUpdate = (event) => {
    event.preventDefault();

    const data = {
      username: username,
      password: password,
      email: email,
      birthday: birthday
    }

    fetch(`https://movieapi-ba6f568c0d4b.herokuapp.com/users/${user.username}`, {
      method: 'PUT',
      body: JSON.stringify(data),
      headers: {
        'Content-Type': 'application/json',
        Authorization: `Bearer ${token}`
      }
    }).then(async (response) => {
      console.log(response)
      if (response.ok) {
        var updatedUser = await response.json();
        alert('updated!');
        return updatedUser;
      }
    })
  }
```

Challenges

During the development process, I faced several challenges. Firstly, configuring token authentication presented a significant hurdle. Additionally, mastering Postman and troubleshooting issues proved to be a learning curve.

Furthermore, enhancing the visual appeal of the client-side application posed another challenge. Finding optimal solutions to improve CSS and JavaScript for a more polished appearance required dedicated effort and creativity.

Conclusion

In conclusion, the development journey of our movie app has been both challenging and rewarding. Leveraging tools such as Postman, JavaScript, token authentication, and CSS, we have crafted a robust and user-friendly application. Through meticulous testing with Postman, we ensured seamless API interactions and enhanced security with token authentication. JavaScript empowered us to implement dynamic functionalities and deliver a smooth user experience. Additionally, CSS played a crucial role in elevating the app's visual appeal and ensuring an engaging interface for our users. As we conclude this phase of development, we look forward to further refining and expanding our movie app to provide even more value to our users in the future.

Improvements

While I am satisfied with the current version of the application, there is ample room for future enhancements through the integration of additional features. This could involve enriching the user experience by offering more comprehensive details about the movies. Such enhancements might encompass providing information on the movie's screening locations, purchase options, or even links to sequels if available. By incorporating these additional features, we can further elevate the utility and engagement of the application for our users.