

Group 22: Team Profile & Application Proposal

Team Profile

Abbas Saeed Hasan

I have taken relevant courses such as CS3307, CS4471, CS4490 and have proficiency in Python, Java, creating backend with Django and have done courses in JS, CSS and React. This will provide expertise for this redesign.

Gabriel Lemos Rodrigues

Courses:

- CS 4471, CS 3305, CS 2212, CS 3307, CS 3377, CS 4470

Framework / Background:

- Vue.js, React.js, GraphQL, Javascript, CSS, HTML, Flask, Python, C++, C#, C

Mihir Kadiya

I have taken CS4471, CS3307, and CS2212. I'm experienced in Javascript, React, Postgres and web deployment.

Stefan Pistic

I have taken relevant 4th year computer science courses such as CS4471, CS4470, CS4463, and CS4483. I am experienced in web development using React, javascript and CSS. I have experience in both frontend and backend development professionally using multiple languages such as C#, XML, and SQL.

Karim Tahseen Samara

The courses that are relevant to this course are cs3307 and cs2212. I have experience in javascript,html,css for frontend and for backend languages python,java,C,C++.

Application Proposal

You will identify and describe what you want to design (i.e., topic of your project), and the scope of your project

Project Description

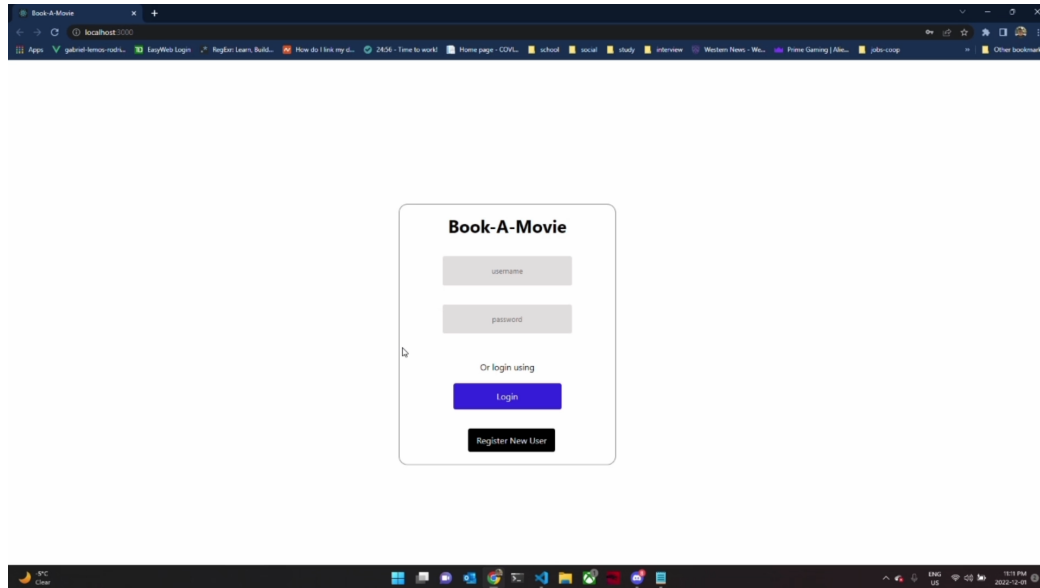
We are working on improving the design of a movie booking system, a project our group has worked on in a previous class. The project currently contains the following features:

- Separate access to system for registered employees and general users (defined as "customers")
- Allowing employees to add, remove, and keep track of current movie showings

- Allowing customers to book tickets for movie showings and change/cancel their tickets upon request
- Displaying the movies being shown at the theater as well as their showtimes to customers and employees

Project Scope

Login Page



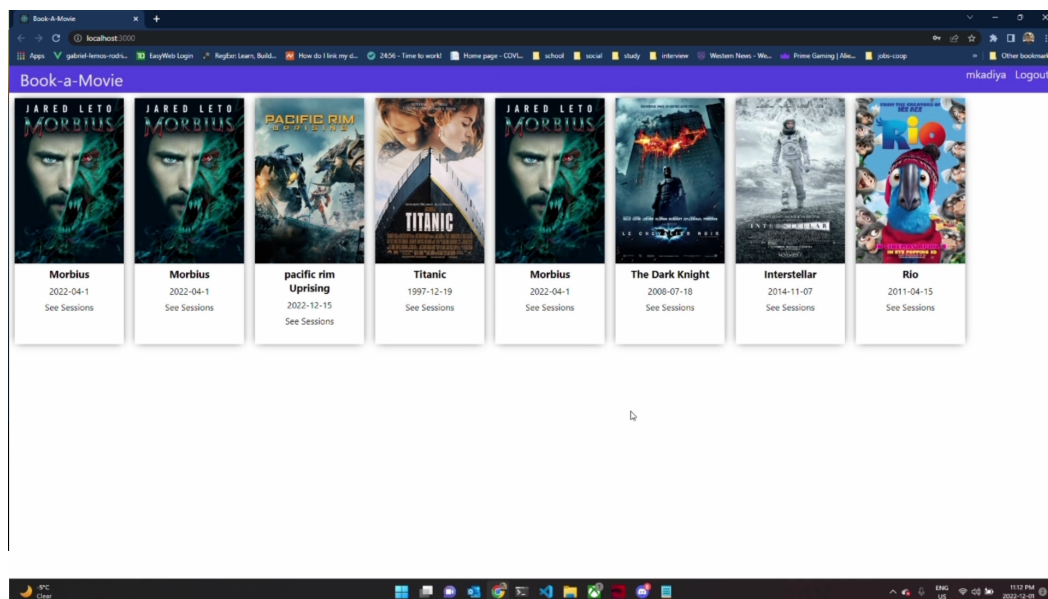
Currently, our login page is as shown above - we would like to add more styling, and animation - along with changing text style and background. Cinema-goers, would be enticed by some movie graphics and advertisements in the main page perhaps.

User Registration

The screenshot shows a web browser window with the 'Book-a-Movie' website. The main content area has a light blue background. In the center, there is a white 'Register' form. The form contains the following fields: 'Username' (with a placeholder 'Username'), 'Email' (with a placeholder 'Email@example.com'), 'First Name' (with a placeholder 'First Name'), 'Last Name' (with a placeholder 'Last Name'), 'Password' (with a placeholder 'Password'), and 're-enter Password' (with a placeholder 're-enter Password'). Below these fields is a blue 'Submit' button. At the bottom of the form, there is a black button labeled 'Home Page'. The browser's address bar shows 'localhost:3000'. The Windows taskbar at the bottom displays the date and time as '11:13 PM 2022-12-01'.

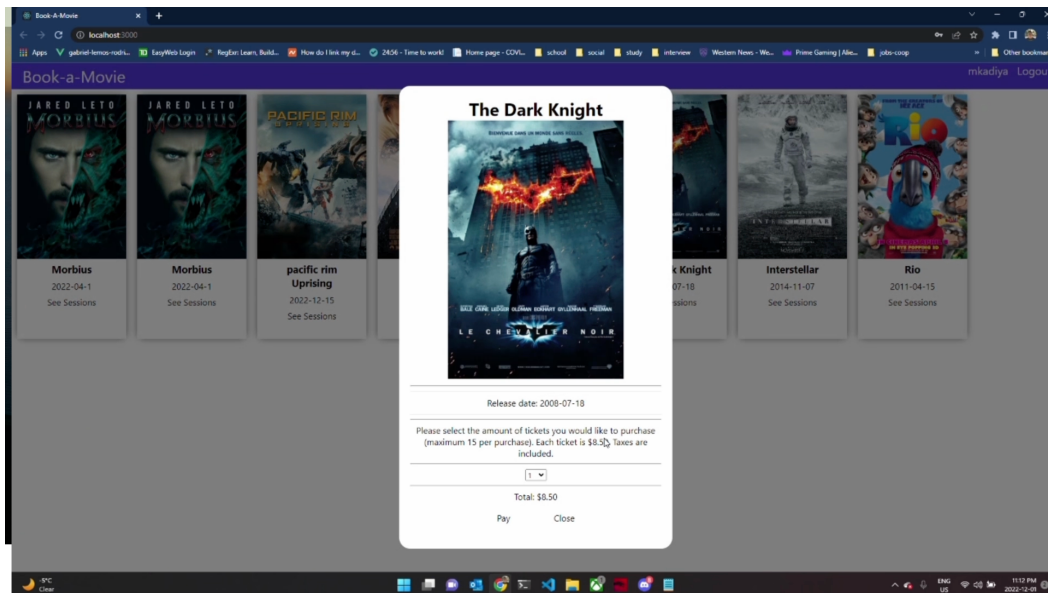
In this page, a user can register with a login username and password. Currently, after a successful registration, the user is not redirected to any page that explicitly shows a successful login. This means that the application may not be as intuitive as others in the market (cinplex, as an example). In addition, another fix would be to re-style the page, as a way to make it more appealing to the general user.

Main Page/Movie List

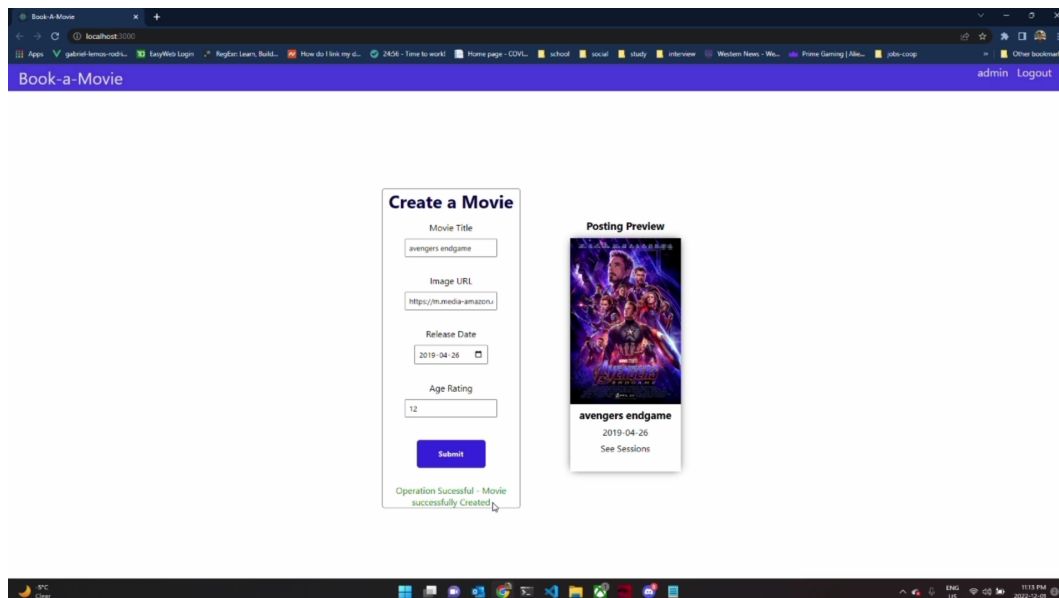


The main page is very basic and simply lists all the movies that are currently in theaters, and does not require a button to access it. This page can be improved by implementing a search functionality, various filters, and sorting by genre. The navbar can be re-designed so that the user can navigate the website easily and make it more accessible.

Movie Booking Pop-up



Currently this is the pop-up for booking the movie. It has many flaws such as bland font and poor design of selecting ticket amounts. We would like to add a seating map where you may select what seats you want and a nicer way of choosing how many tickets you would like to purchase.



Here is our staff movie creation page. This needs more intuitiveness, better styling and needs to look less plain. It must also be more error prone.

References

<https://github.com/Lemos00/CS4471-Project-2022>