

**STACKHACK 2.0**

# **SHOWTIME**

**MOVIE BOOKING WEBSITE SYSTEM FOR  
CINEMA THEATRES**



# PROJECT OBJECTIVES

01

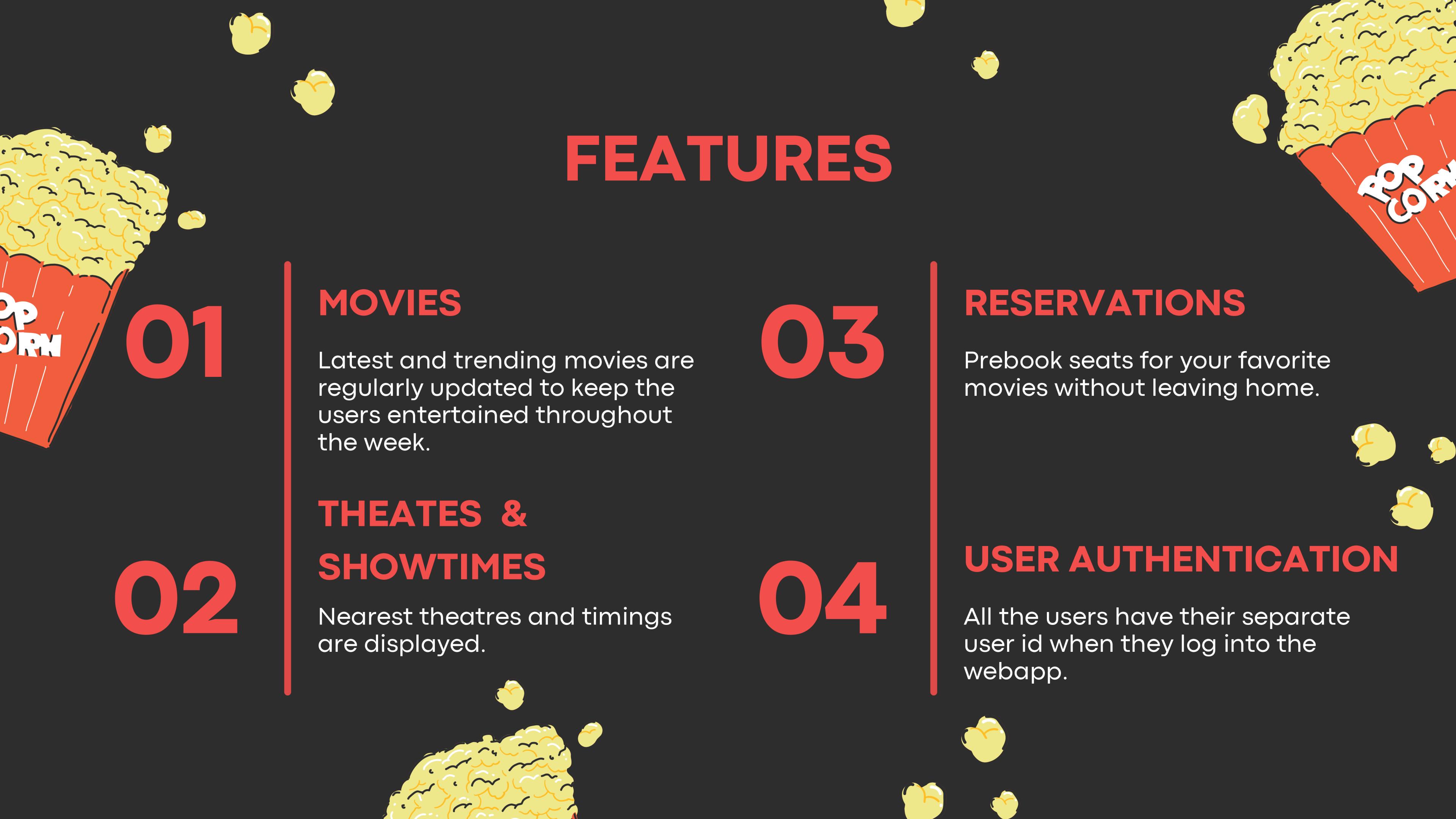
To create a seamless movie booking system that ensures a smooth user experience through a stylish design , ultimately delivering a reliable and successful platform.

02

Efficient database management to segregate user data from halls and seats data.

03

Searching and booking seats for latest releases and currently trending movies.



# FEATURES

01

## MOVIES

Latest and trending movies are regularly updated to keep the users entertained throughout the week.

02

## THEATES & SHOWTIMES

Nearest theatres and timings are displayed.

03

## RESERVATIONS

Prebook seats for your favorite movies without leaving home.

04

## USER AUTHENTICATION

All the users have their separate user id when they log into the webapp.

# INTRODUCTION

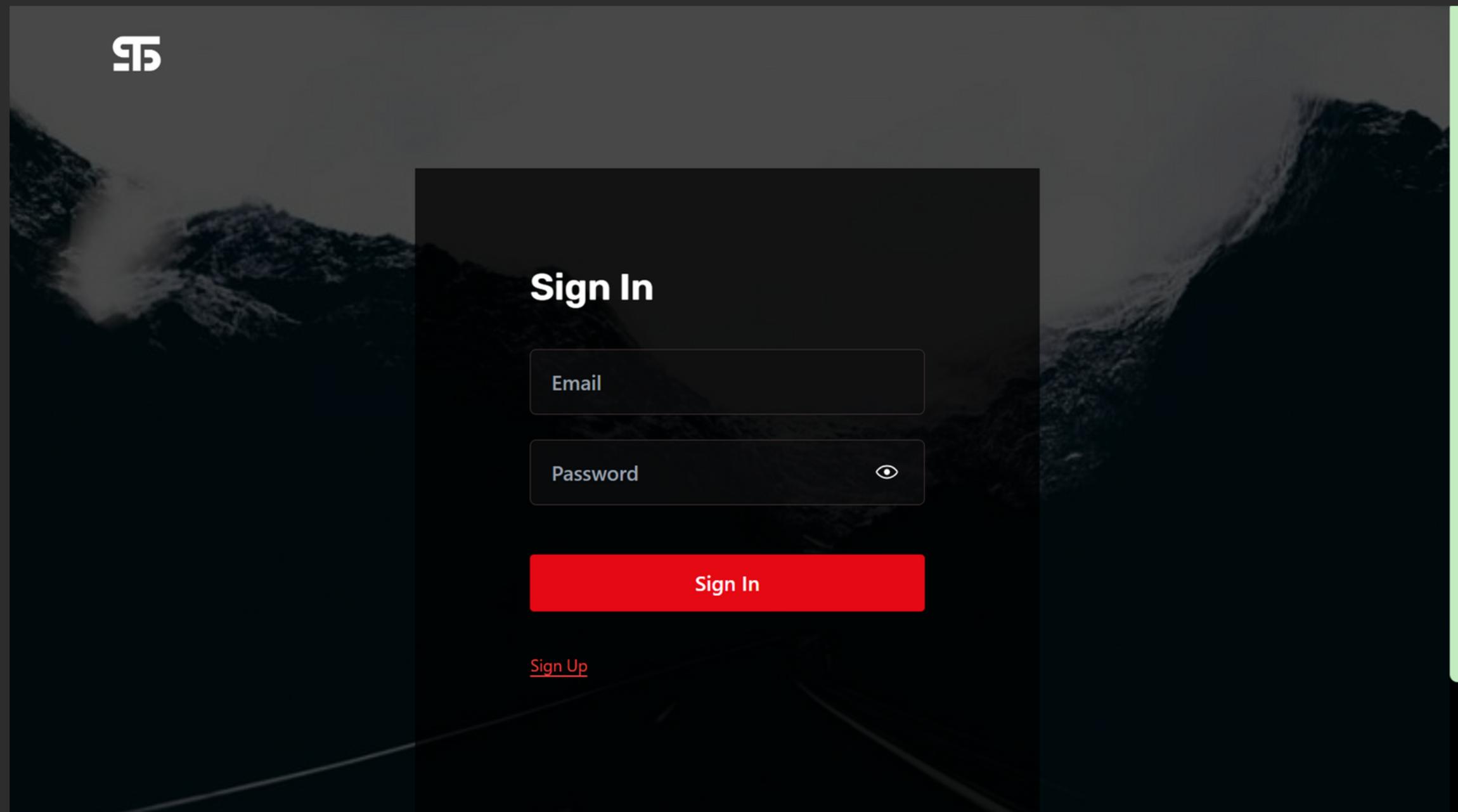


Introducing ShowTime, your one-stop destination for effortless movie bookings. With ShowTime, you can quickly browse through the latest movie releases, check showtimes, and select your preferred theater and seats. A user-friendly interface and secure user interactions make booking tickets a breeze. Discover the magic of cinema with ShowTime.

# ASSUMPTIONS AND CONSTRAINTS

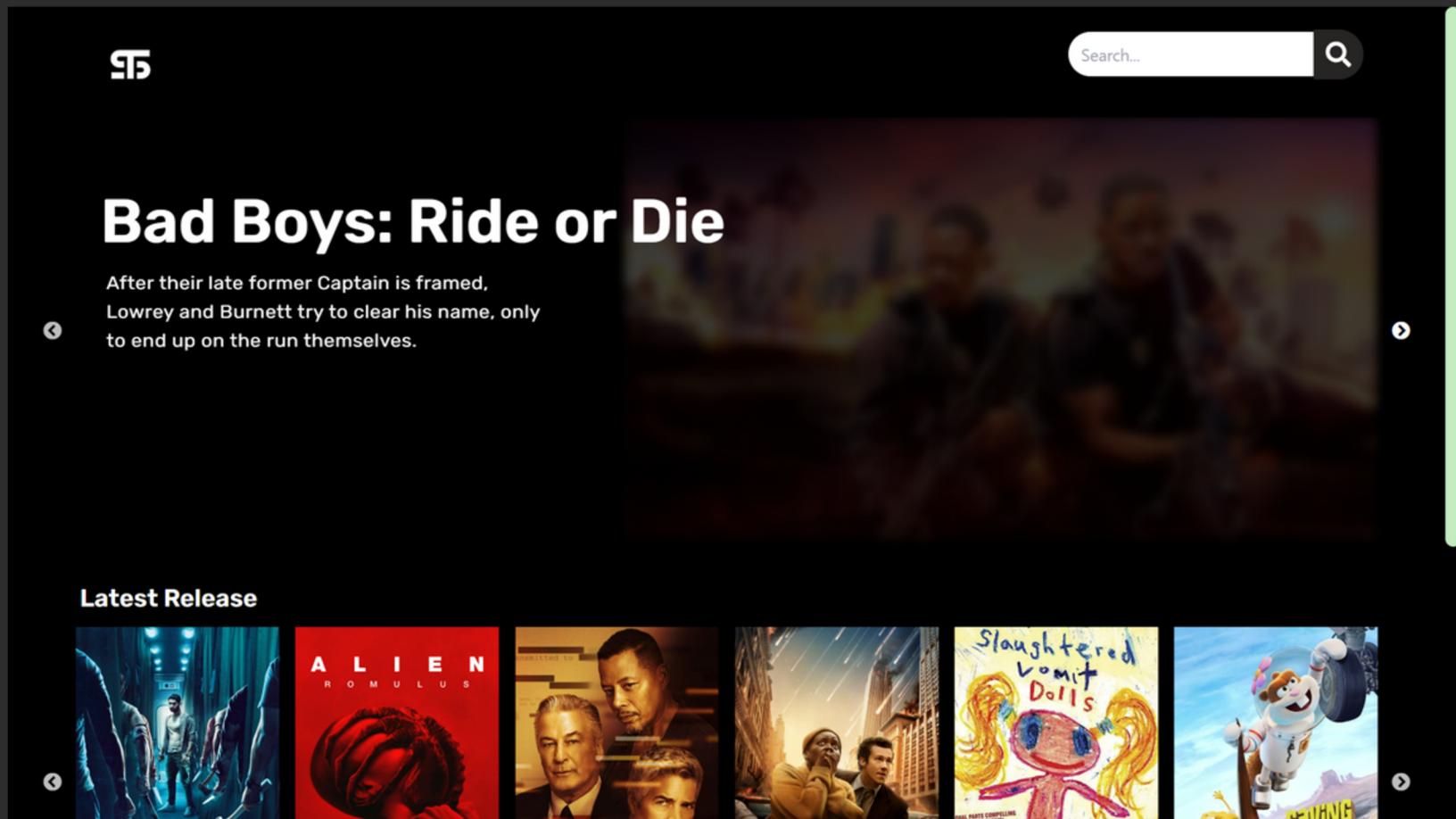
- Anonymous theatres are used instead of real names.
- Final bill price is not mentioned, since the payment should be done at the theatre reception.
- Times of the shows are pure assumptions.
- Not all region movies could be implemented.
- Cancelling of tickets is not possible.

# LANDING PAGE



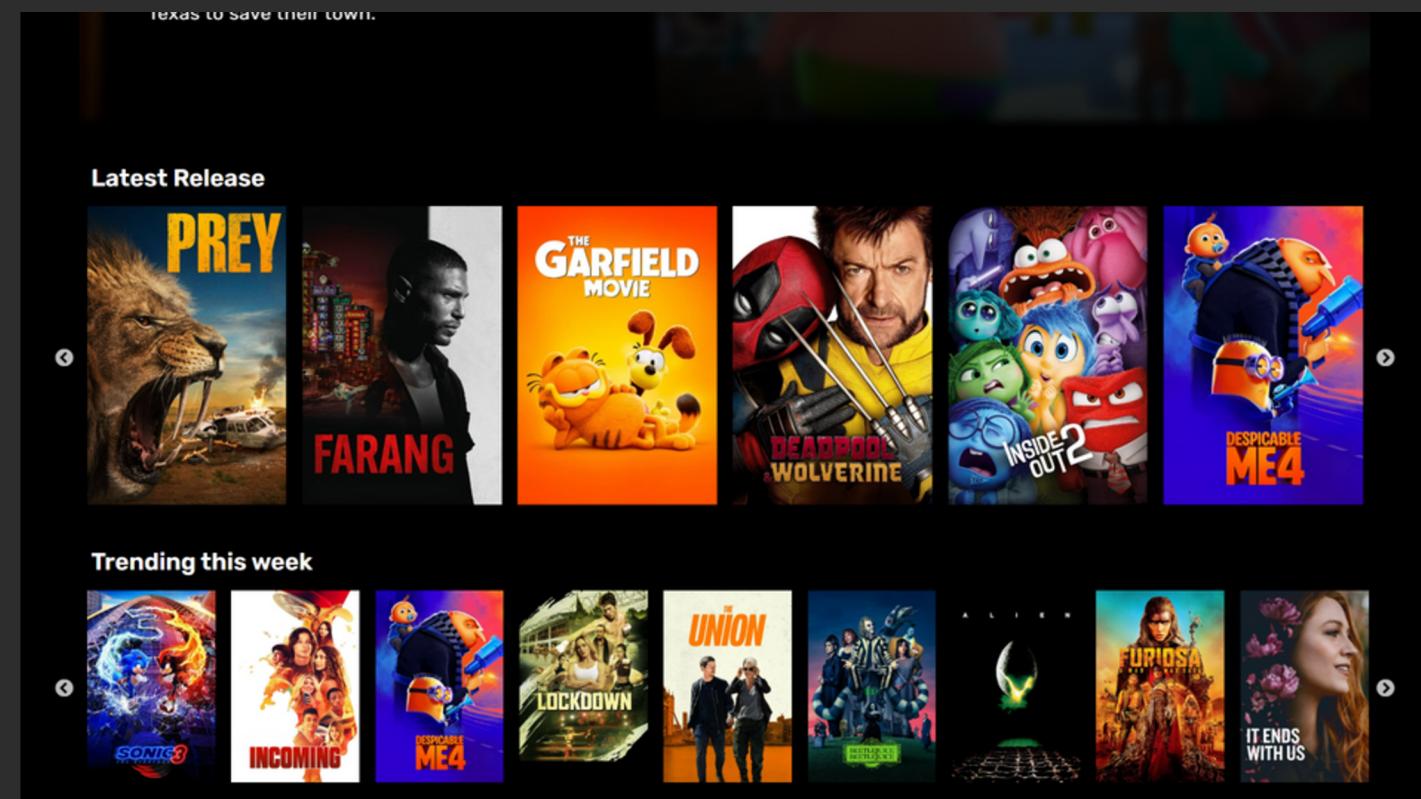
User authentication verifies a user's identity before granting access to the homepage. This involves comparing a user's provided credentials against a stored database of valid information. Successful authentication grants access, while failed attempts result in denial.

# HOME PAGE



The content on this page is regularly refreshed to ensure you have access to the most up-to-date movies. New additions and updates are made frequently.

The homepage prominently displays a curated list of recently released films. These movies are often accompanied by eye-catching visuals, such as movie posters or trailers. This feature helps users quickly discover and explore the latest cinematic offerings.

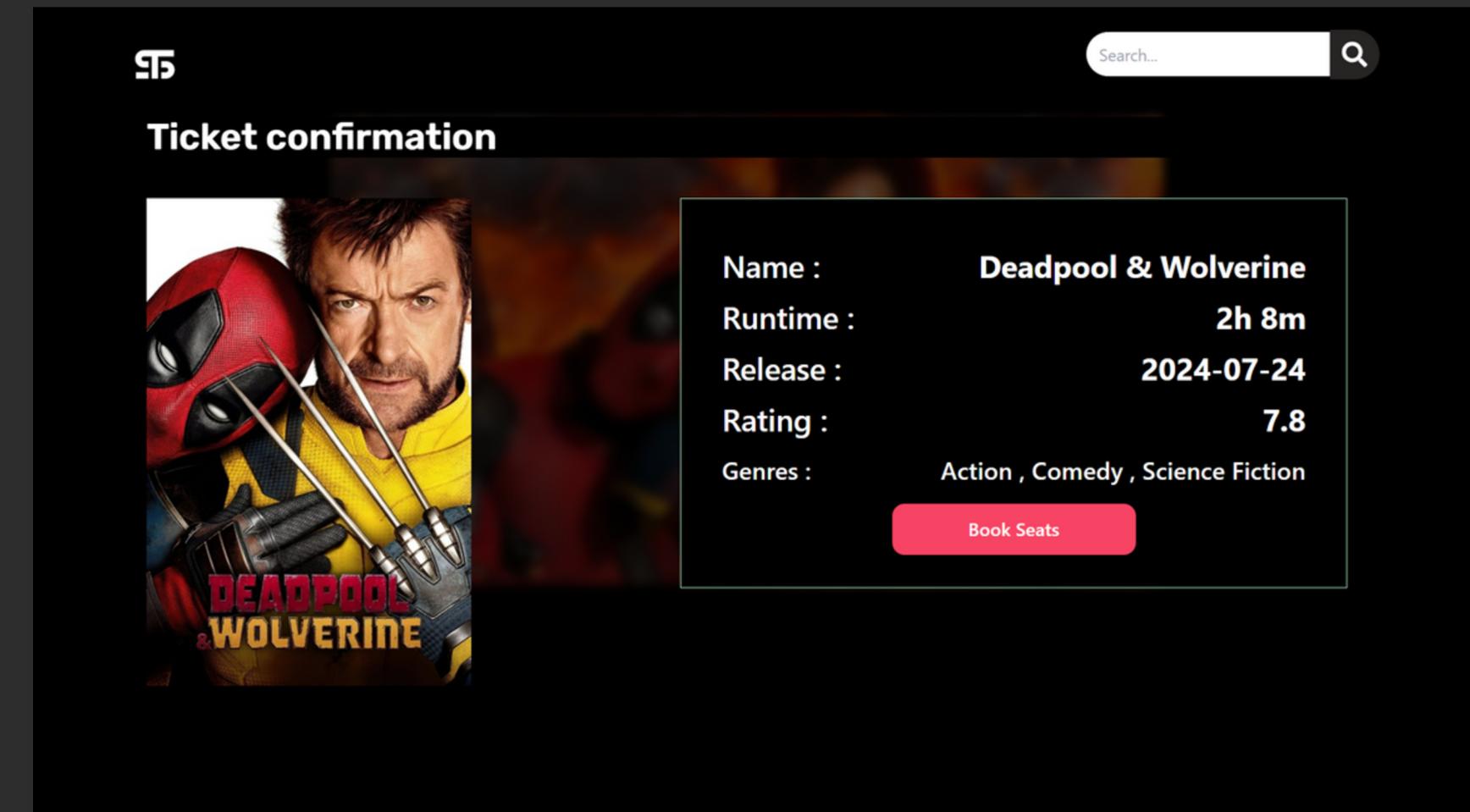


# MOVIE CONFIRMATION

The movie confirmation page outlines your chosen film, screening time, rating and genres. It lets you double-check your order and make any necessary changes before moving further.

After confirmation, you are moved onto the hall selection page.

Users can choose to go back to select another movie if they want, or proceed with the selected movie.



# HALL SELECTION

The Hall Selection interface displays two theater options: INOX Cinemas X and IMax-3D Y. At the top, there is a search bar with placeholder text "Search..." and a magnifying glass icon. Below the search bar, a date range is shown with "8/29/2024" highlighted in red, and other dates "8/30/2024", "8/31/2024", "9/1/2024", and "9/2/2024" in dark blue.

**INOX Cinemas X**  
M-ticket Food & Beverages

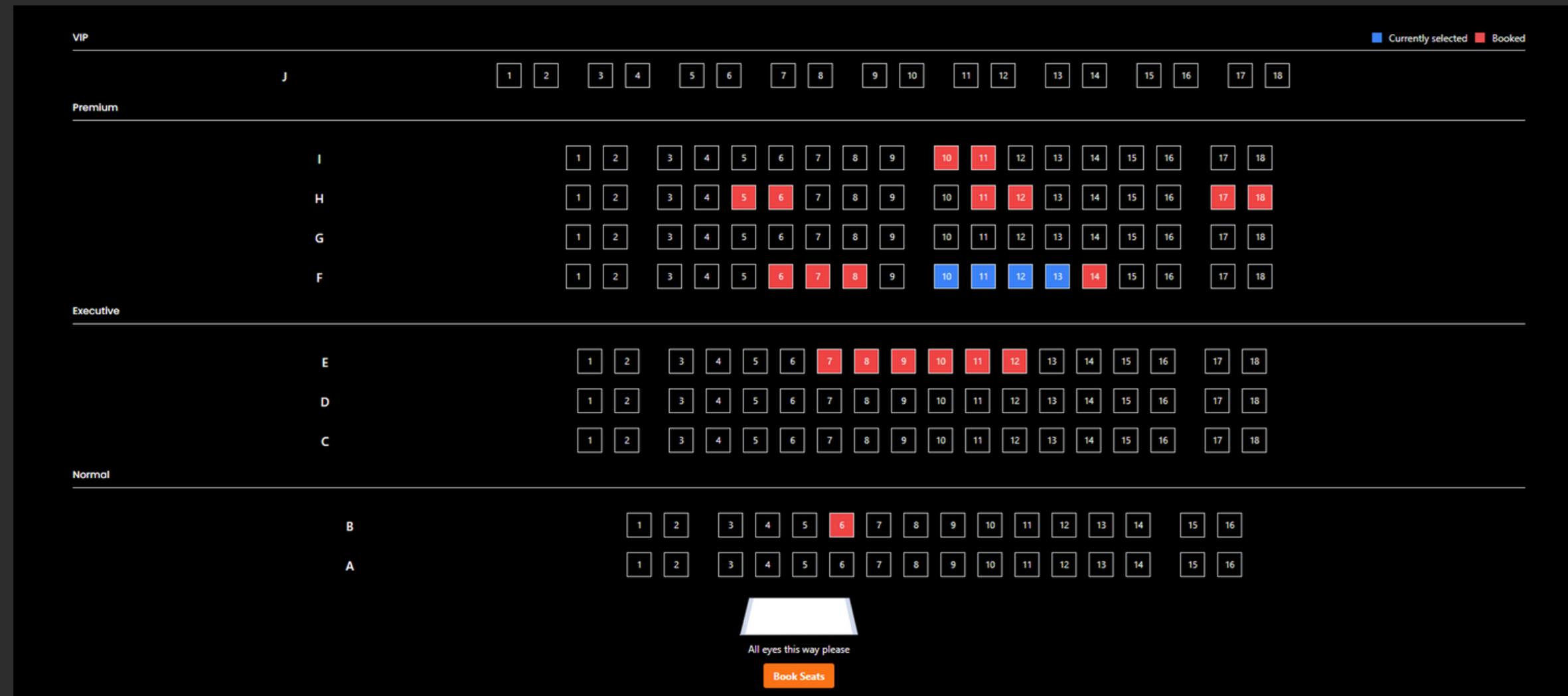
Screening times: 10:20 am, 01:10 pm, 04:30 pm, 08:45 pm

**IMax-3D Y**  
M-ticket Food & Beverages

Screening times: 11:30 am, 02:25 pm, 05:55 pm, 09:15 pm

The hall, time, and date selection page allows you to choose your preferred theater, screening time, and date for your movie. You can prebook the seats for upto 4 days in advance . Once you've made your selections, you'll be directed to the seat selection page, where you can choose your desired seats.

# SEAT SELECTION



The seat selection page provides a visual representation of the theater seating arrangement. You can choose your desired seats by clicking on them. Available seats will be transparent, while occupied seats will be marked red. Once you've selected your seats, you can proceed to the payment page.

# BILLING

The screenshot shows a dark-themed billing application interface. At the top right is a search bar with a magnifying glass icon. Below the header, the word "Final Bill" is displayed in white. A rectangular box contains the following information in yellow text:

- Bill ID : 66d0ab7289f1afe1fd2196d0
- Date : 8/29/2024
- Movie : Deadpool & Wolverine
- Seats : F13, F12, F11, F10
- Time : 10:20 am

To the right of this box, the text "Thank you for choosing us" is displayed in white, followed by a smaller note: "Make a note of your bill id".

The final bill is displayed, mentioning the bill id to be displayed at the hall for payment, movie name, seat numbers and timings.

# RESOURCES USED



- The Movie Database (TMDb): A popular, community-built movie and TV database used for accessing information about films, TV shows, actors, and more via APIs.
- MongoDB: A NoSQL database that stores data in flexible, JSON-like documents, allowing for efficient data retrieval and storage in web applications.
- MERN Stack: A full-stack development framework consisting of MongoDB, Express.js, React.js, and Node.js, commonly used for building dynamic web applications.
- Docker: A containerization platform that allows developers to package applications and their dependencies into portable containers for consistent deployment across various environments.



THANK YOU !