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**NMAM INSTITUTE
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Department of Computer Science and Engineering

Report on Mini Project

Movie Ticket Booking System

Course Code : 20CSE41

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ABSTRACT

The project objective is to book cinema tickets in online. The Movie Booking System is an Internet based application that can be accessed throughout the net and can be accessed by anyone who has a internet connection. This application will reserve the tickets. This system provides a website for a cinema hall where any user of internet can access it. User is required to login or register before accessing the website.

Tickets can be collected at the counter and Watching movies with family and friends in theatres is one of the best medium of entertainment after having a hectic schedule. But all this excitement vanishes after standing in hours in long queues to get tickets booked. The website provides complete information regarding currently running movies on all the screens with details of show timings, available seats. Our movie booking system is one of the best opportunities for those who cannot afford enough time to get their tickets reserved standing in long queues. People can book tickets online at any time of day or night.

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INTRODUCTION

Welcome to newly designed website movie booking system is a faster, cleaner and a tad more personal website, specially designed to make your booking experience better. Log on, navigate and find out for yourselves . Customers may view the contents of any movie show at any time and may book any movie ticket as needed. When a visitor decides to finally book the ticket, the order information including the buyer's name and billing instruction is stored in the database securely. The available seats is also provided at the time of booking the ticket. You need to register a new user whenever you have first visited or site then for future it will be stored in our database permanently and you can book you movie ticket at any time you want with this username and password.

PROBLEM STATEMENT

Tickets can be collected at the counter and Watching movies with family and friends in theatres is one of the best medium of entertainment after having a hectic schedule.

But all this excitement vanishes after standing in hours in long queues to get tickets booked. This website provides complete information regarding currently running movies on all the screens with details of show timings, available seats.

Our movie ticket booking system is one of the best opportunities for those who cannot afford enough time to get their tickets reserved standing in long queues. People can book tickets online at any time of day or night.

OBJECTIVES

- A web application for buying movie tickets online. Customers can buy tickets 24×7.
- System is developed for a particular theatre and has an easy interface.
- Customer can choose the name of movie of what they want to see and get their movie timings.
- Customers can see a graphical view of the seat availability and choose their desired seat.
- Customer can also see the final billing ticket with movie information.

HARDWARE / SOFTWARE Requirements

HARDWARE REQUIREMENTS

- Processor : AMD PRO A4-4350V R4, 5 COMPUTE CORES
2C+3G 2.50GHz
- RAM : 4GB

SOFTWARE REQUIREMENTS

- Operating System : Windows
- Backend : MySQL, PHP
- Frontend : HTML,CSS, Bootstrap, JavaScript
- Browser : Google Chrome
- Editor : Visual Studio Code
- Active Internet Connection

METHODOLOGY

Index/Login Page:

The login page has a button where the user is directed to login or sign up before booking. The page also has links to reset your password if the user has forgotten their password and sign up to register newly.

Sign up Page:

The Signup page has a form to enroll a user with an account to access the booking site. The User is required to provide personal information, e-mail id, mobile number and password.

Forgot password Page:

The Forgot password page has a form where user should provide email as well as phone number and is then directed to the reset password page

One-Time password Page:

One-Time password Page is the page where user is sent an OTP to their respective email which has to be entered to update the password

Reset password Page:

Reset password page is the page where user is required to enter their new password so that their password is updated within seconds.

Home Page:

The Home page is the page where user may view the contents of any movie show at any time and may see what are the movies that are released. this page can only be accessed after logging in to the website

Time slot booking Page:

Time slot booking page is the page where user can choose their times of the movies as provided to the user

Seat booking Page:

Seat booking page is the page where user can choose their seat(s) for the corresponding screen 1 or 2.

Checkout Page:

The Checkout page is the page where user is provided with the details of the movie name timing and seats

IMPLEMENTATION

Development Environment:

- Visual Studio Code
- XAMPP Distribution
- MySQL Database

Languages used:

FRONT-END:

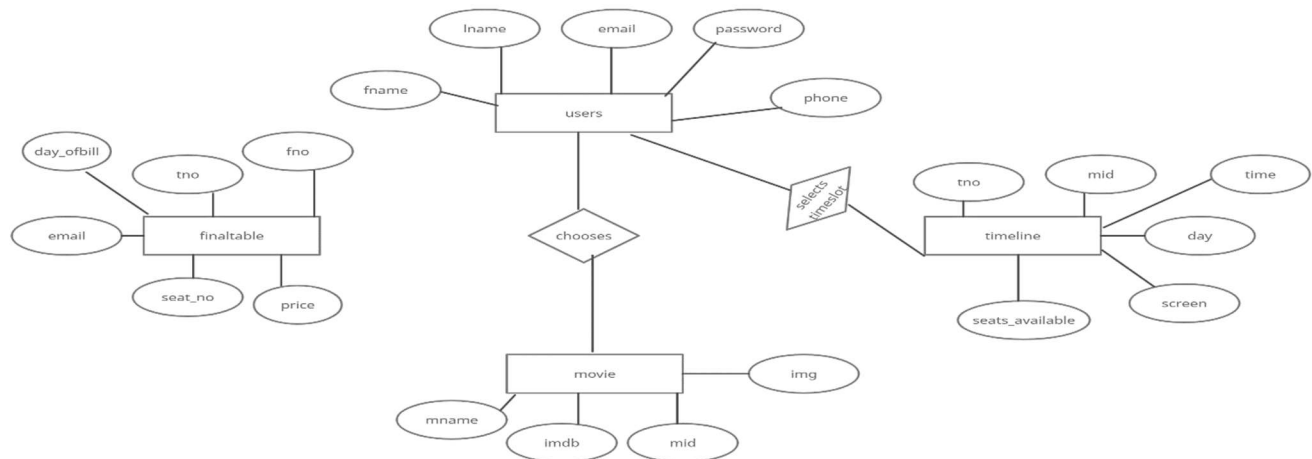
- HTML
- CSS
- JavaScript
- Bootstrap

BACKEND:

- PHP

RESULTS AND DISCUSSIONS

ER DIAGRAM:



SCHEMA:

USERS:

fname	Lname	<u>email</u>	phone	password
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MOVIE:

mname	imdb	<u>mid</u>	img
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TIMELINE:

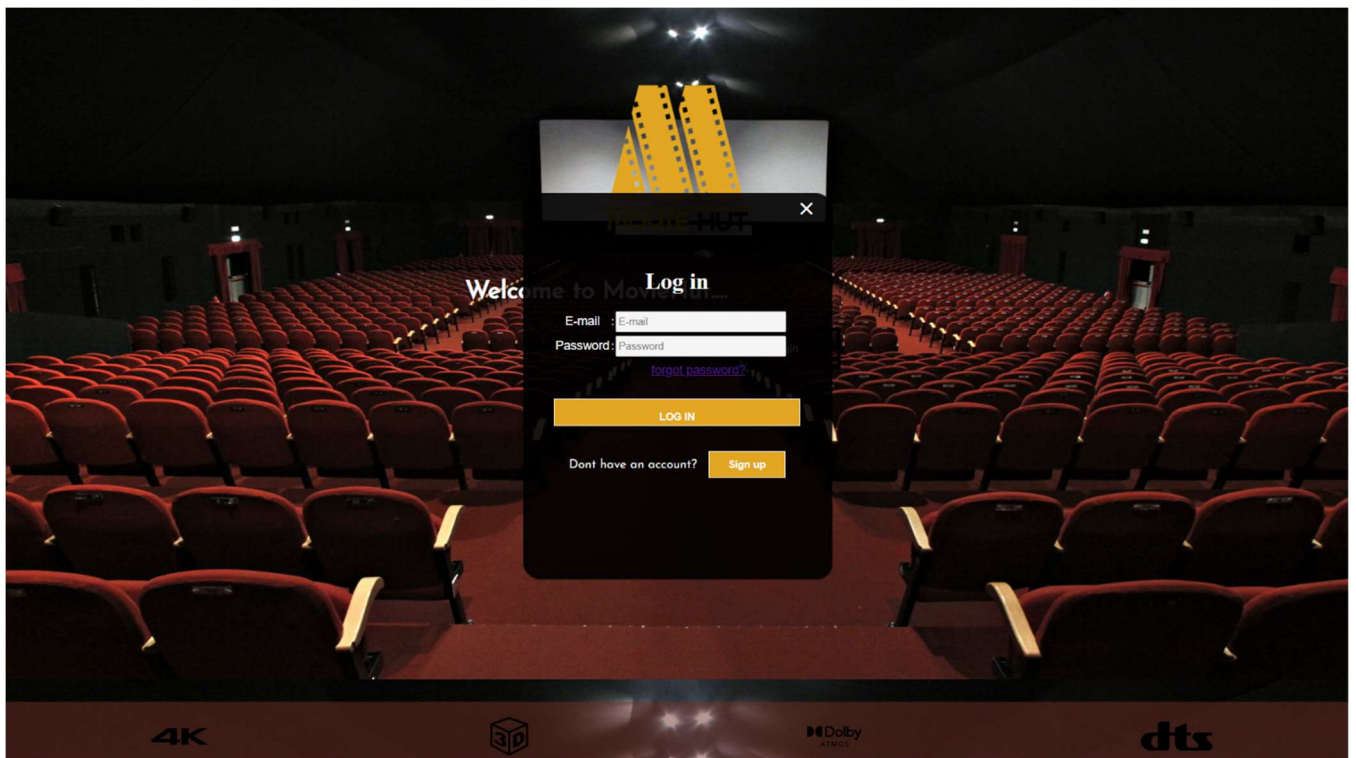
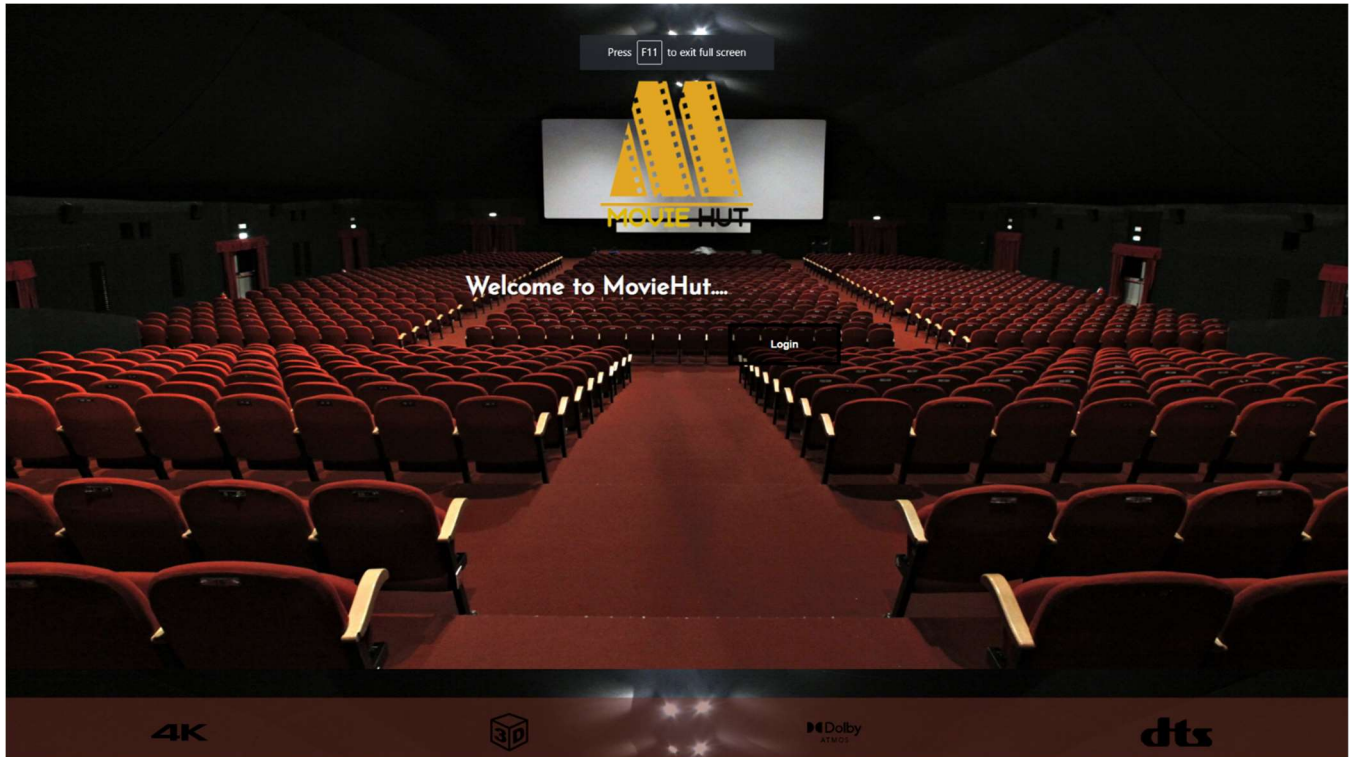
<u>tno</u>	Mid	time	day	screen	seats
------------	-----	------	-----	--------	-------

FINALTABLE:

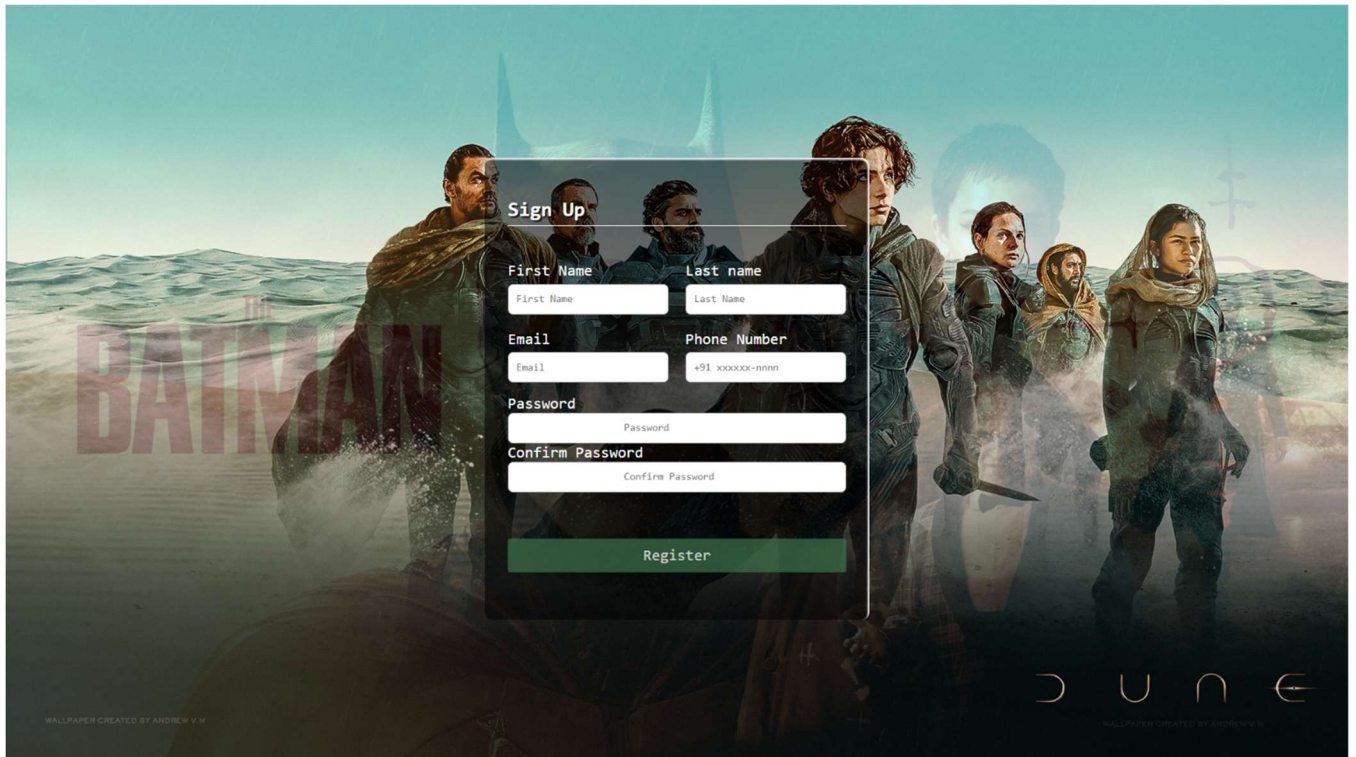
<u>fno</u>	tno	email	seatno	price	Day of bill
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SCREENSHOTS:

Login/Index page:



Sign-up page:



The sign-up page features a background image of the Dune movie poster. Overlaid on this is a 'Sign Up' form. The form includes fields for First Name, Last Name, Email, Phone Number, Password, and Confirm Password. A green 'Register' button is at the bottom of the form. The text 'BATMAN' is visible on the left side of the background image, and 'DUNE' is visible on the right side.

Sign Up

First Name

Last Name

Email

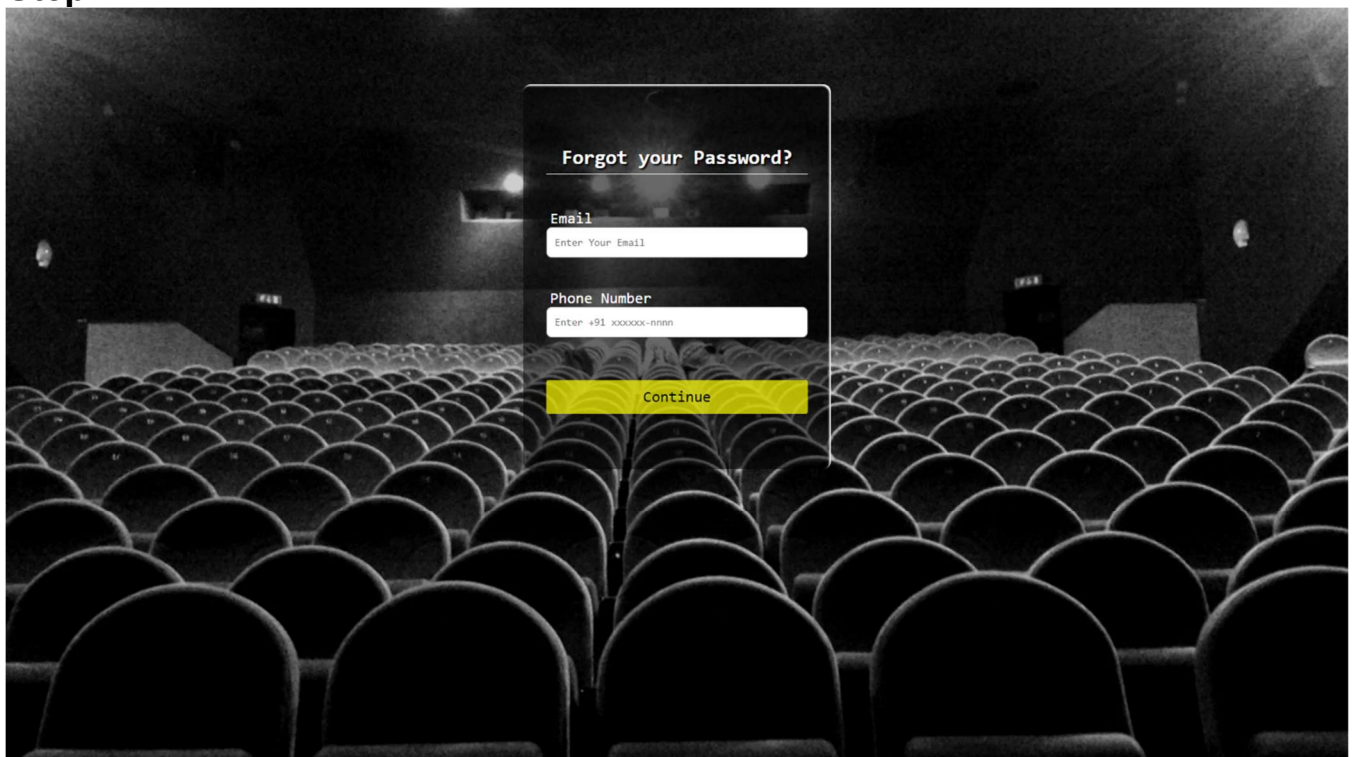
Phone Number

Password

Confirm Password

Register

Forgot password page: Step 1:



The forgot password page features a background image of a movie theater with rows of seats. Overlaid on this is a 'Forgot your Password?' form. The form includes fields for Email and Phone Number. A yellow 'Continue' button is at the bottom of the form.

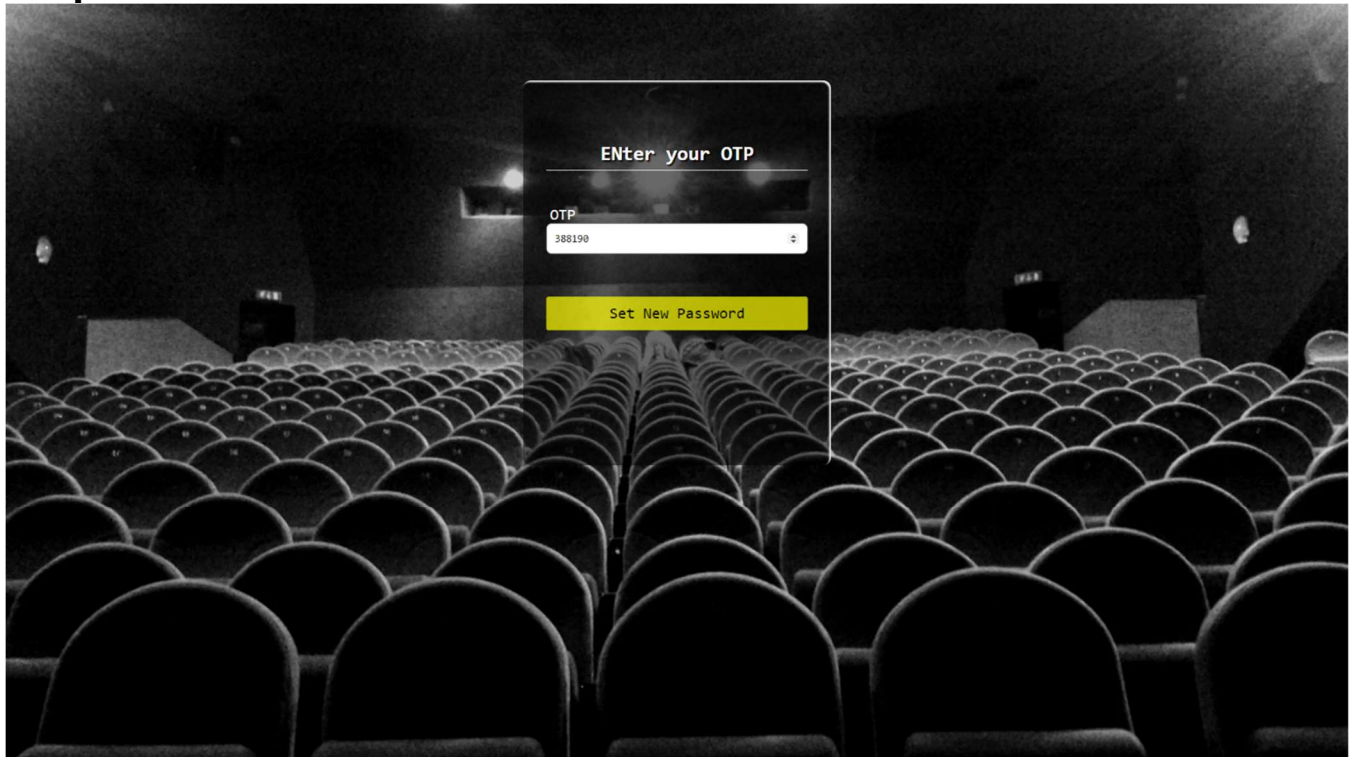
Forgot your Password?

Email

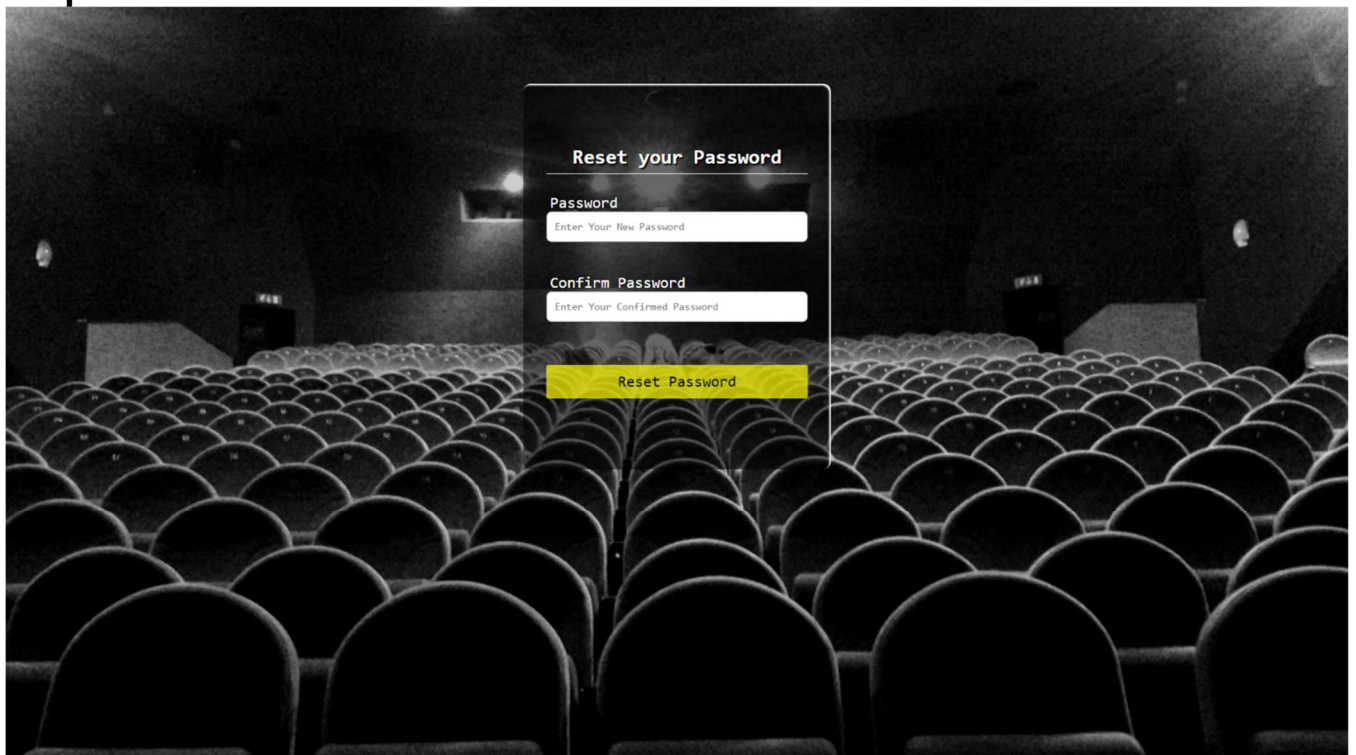
Phone Number

Continue

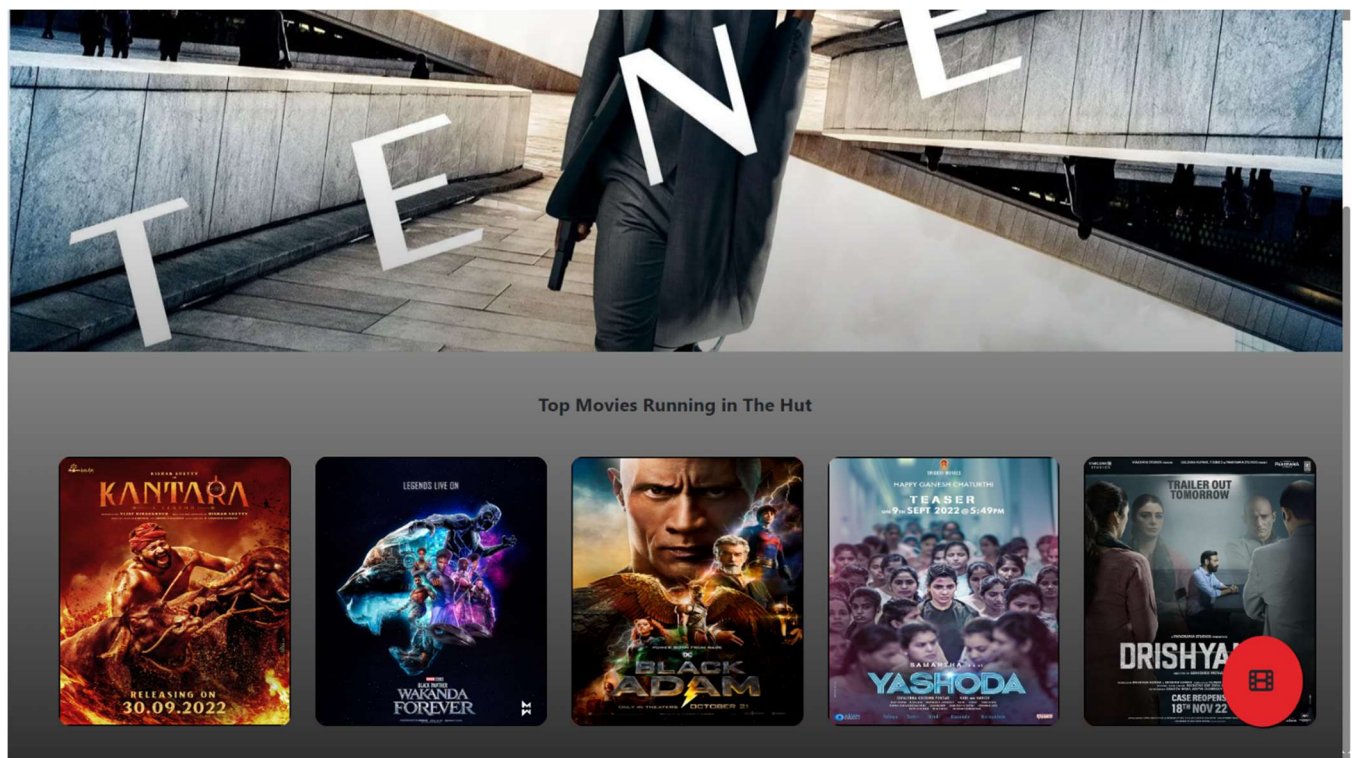
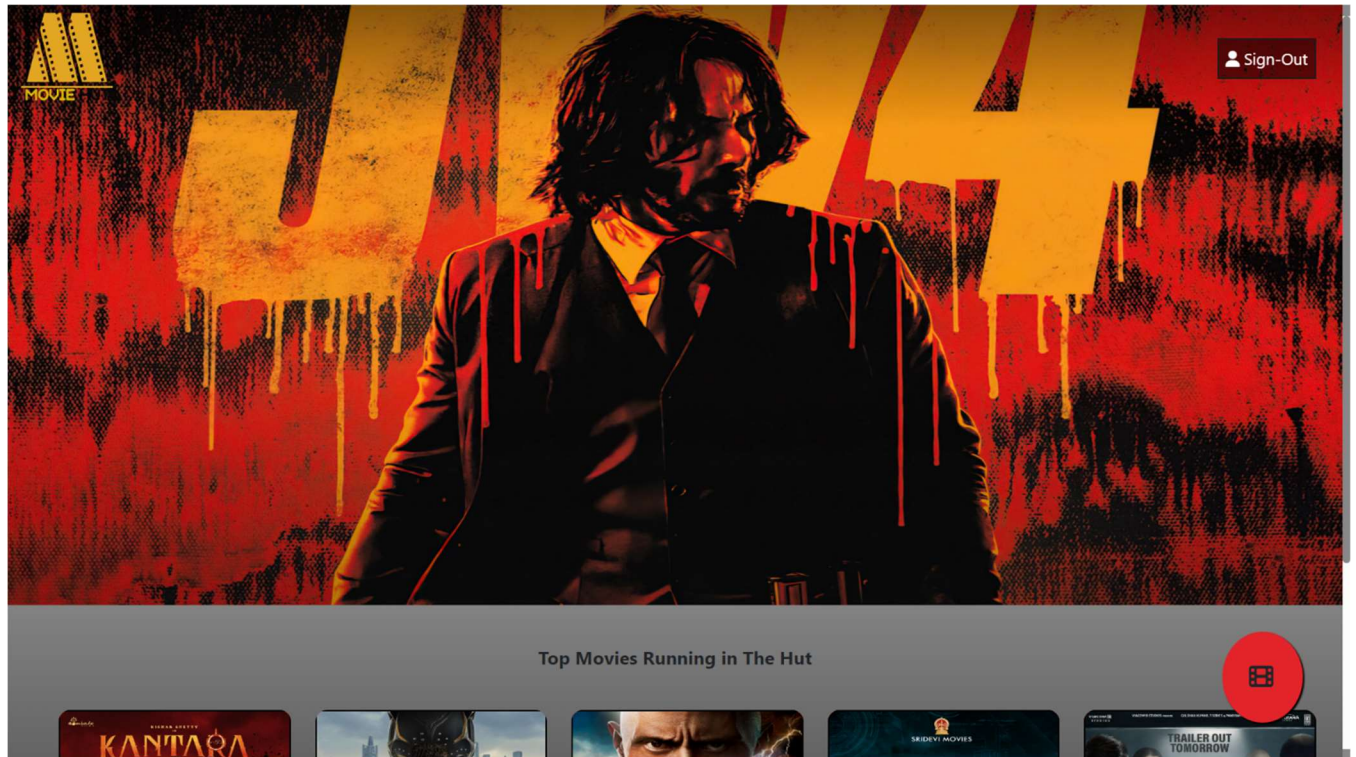
OTP page: Step 2:

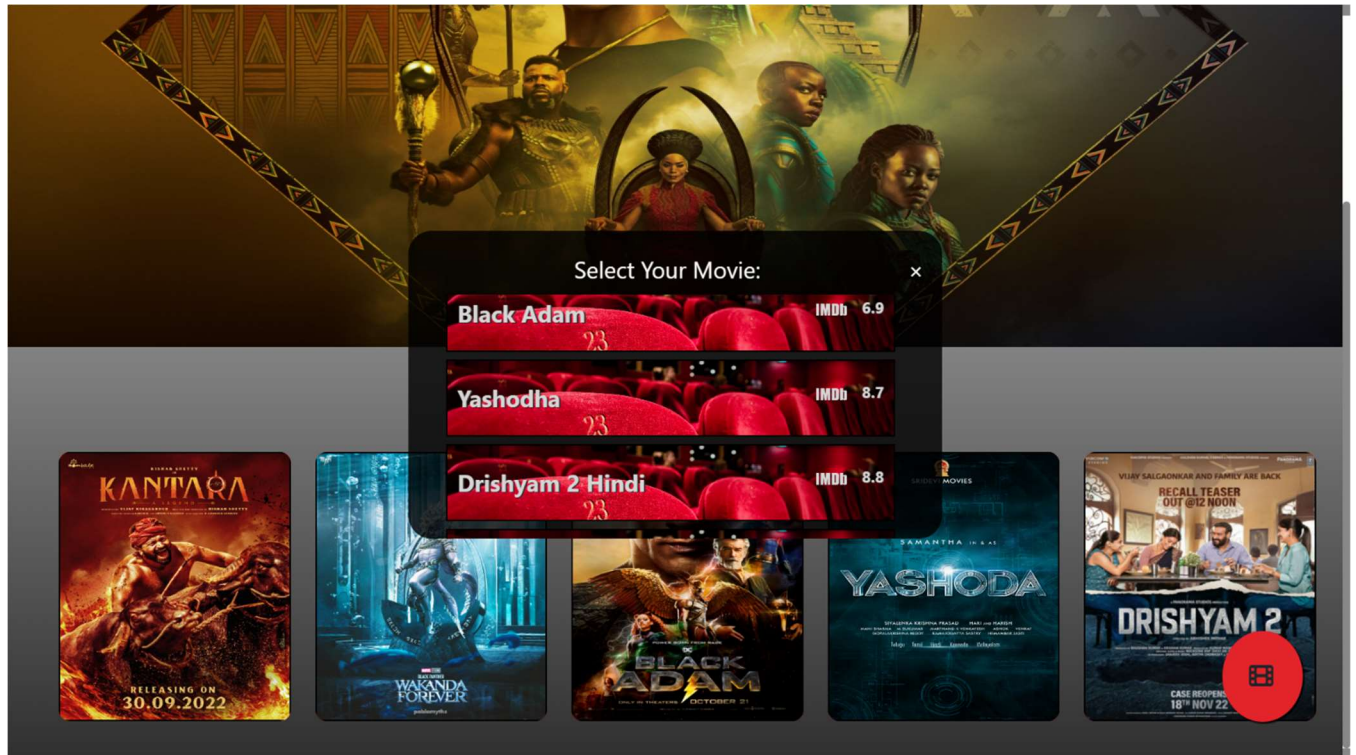


Reset Page Step 3:

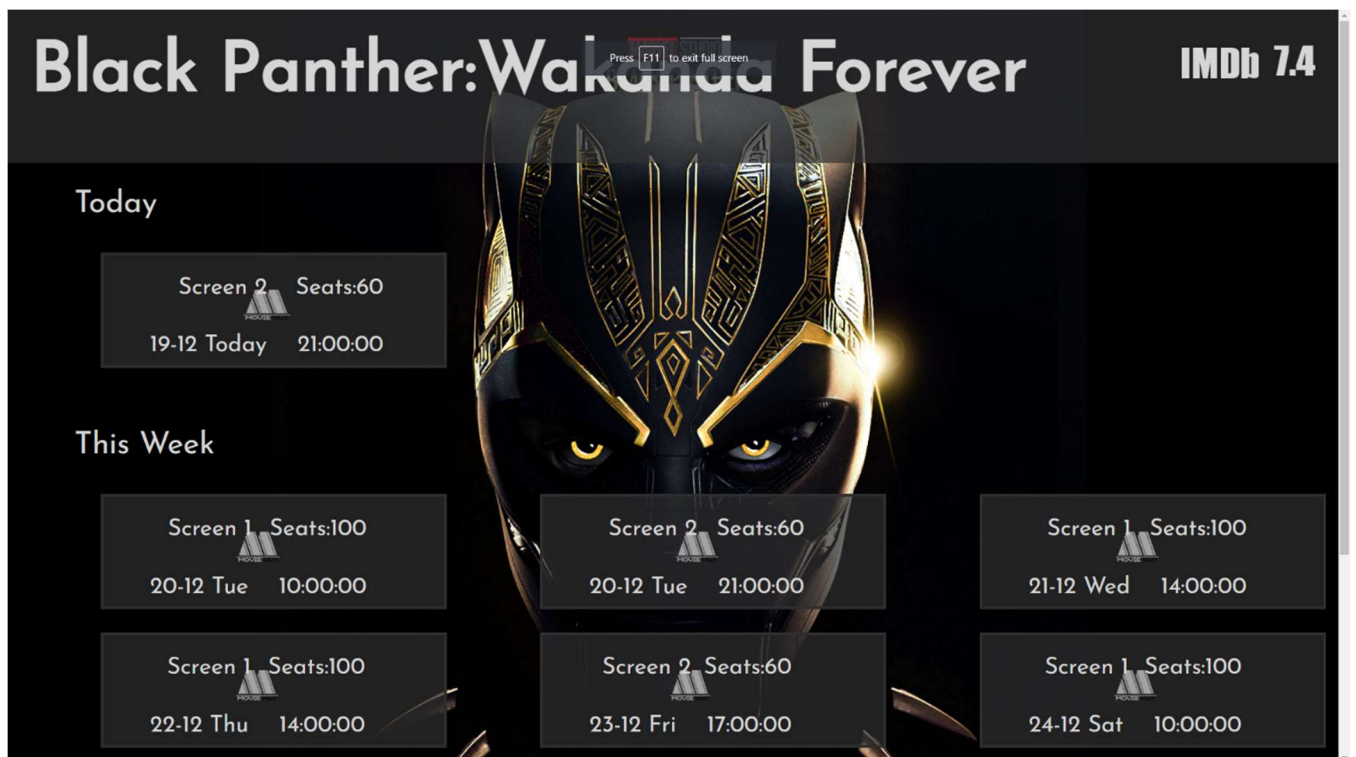


Home page:

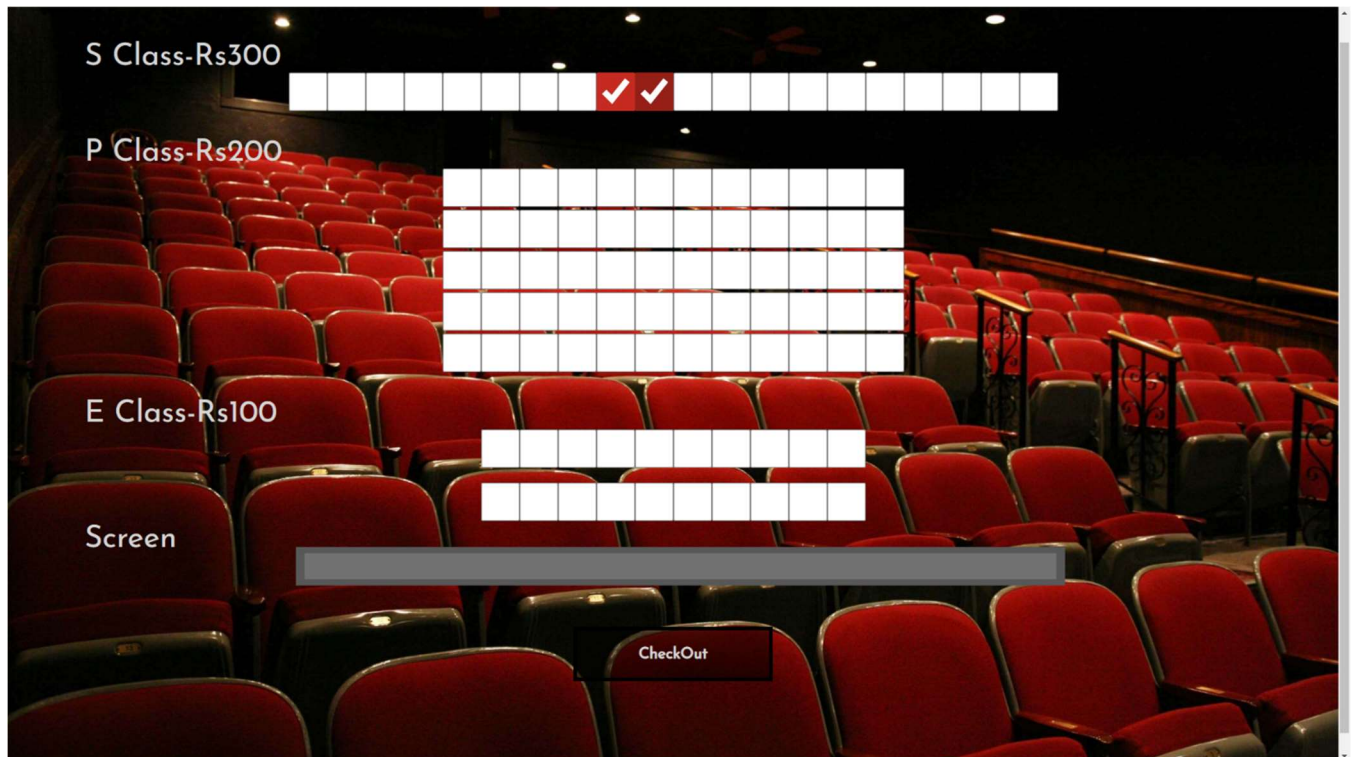




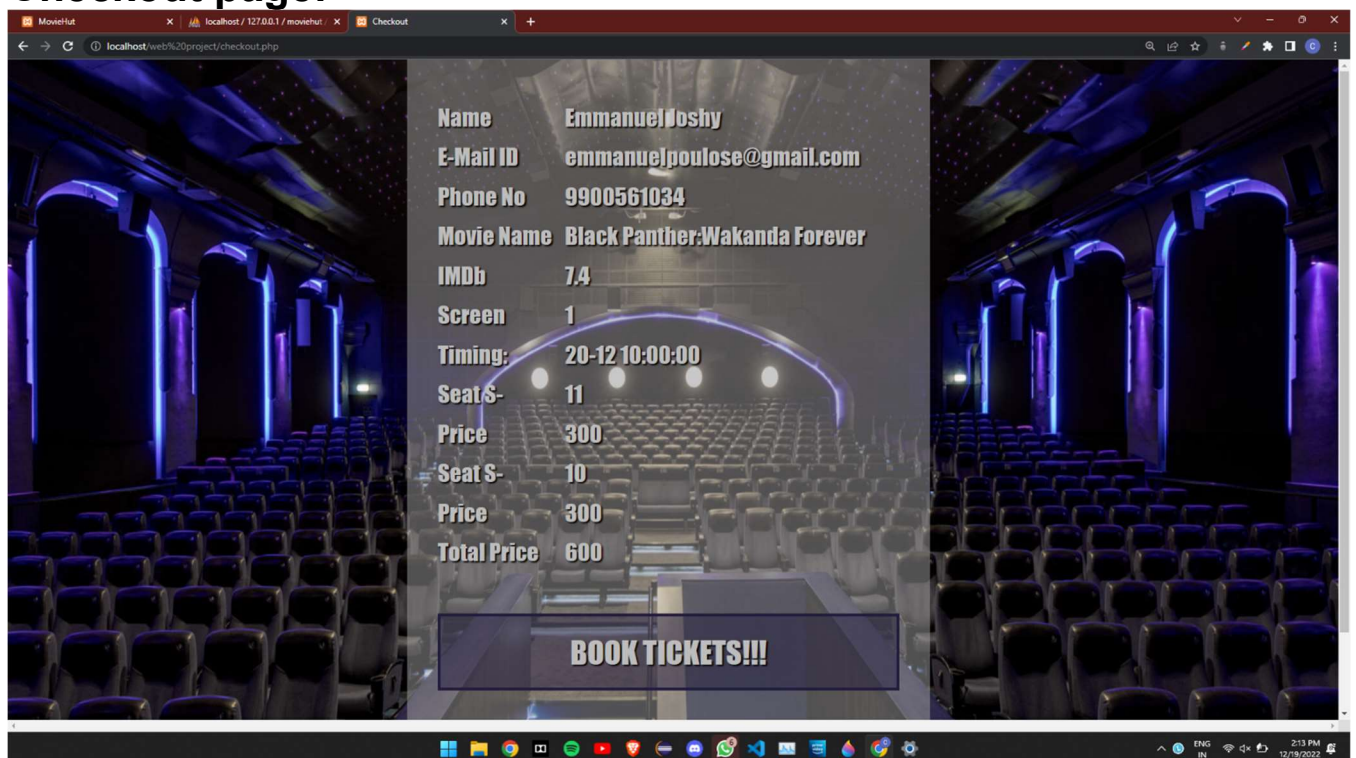
Time slot booking page:



Seat booking page:



Checkout page:



CONCLUSION

This project has been developed in PHP and the database has been built-in My SQL server keeping in mind the specifications of the system. The user will be able to book the ticket using this website. The interface of this website is easy and lets you select the time slot if it is available so it is time-saving for the user.

This project is made for movie theatre managers so they can have a simple interface for their theatre. Even the booking details are taken in a separate table in order to make it easy for the user to fetch the details of the people who booked the tickets

FUTURE SCOPE

In future our booking management system will have extra facilities such as adding popcorn/food and beverages. This website will also support ticket cancellation and multiple theatres in a single website for bigger theatre companies.

We are going to include admin page to this project so it will be helpful for the admin to add new movie details and poster for a particular movie.

We are also going to add the ability to choose a city for seeing a particular movie and also support subscription for the users remain updated.

REFERENCES

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3. www.php.net
4. developer.mozilla.org
5. www.getbootstrap.com