

Project title: **Online Movie Booking System**

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Table of contents:

Overview:.....	2
Objective:.....	2
User features:.....	3
Admin feature:.....	4
Implementation:.....	5

Source code:..... 6

Guide to use:.....6

Overview

The Online Movie Booking System is a dynamic web-based platform that provides users and administrators with specific features to facilitate smooth movie booking operations. This system includes features such as user registration and login, movie browsing, seat selection, ticket booking, and approval. Admin functionalities allow for efficient management of movies, theaters, bookings, and ratings.

Objective

To create a user-friendly platform for booking movie tickets and managing movie schedules.

Purpose of the system: This Movie Booking System is a web-based application that simplifies the process of booking movie tickets online. Built using PHP, HTML, CSS, and JavaScript, it allows users to browse movies, select seats, and book tickets. The admin panel enables efficient management of movies, theaters, and user bookings. For users, the system transforms the traditional method of purchasing movie tickets into a digital, convenient process. Instead of waiting in long queues at theaters, users can browse available movies, view detailed information about each film, including trailers and ratings, and choose their preferred seats from the comfort of their own space. The inclusion of different seat categories, such as Gold, Platinum, and Box Class, gives users the flexibility to select options that suit their preferences and budget. Furthermore, the platform provides transparency by allowing users to check the status of their

bookings, whether approved or pending, fostering trust and clarity in the process



Features

User Features

1. User Registration and Login:

- Users can create an account by registering with their email and password.
- Registered users can log in to access booking features.

2. Browse Movies:

- Users can explore a list of available movies with their trailers.

3. Watch Trailers:

- Users can view movie trailers before booking tickets to decide which movie they want to watch.

4. Book Tickets:

- Users can select from different seat categories:
 - Gold Class
 - Platinum Class
 - Box Class

- Users can choose their seats from the available options.
- Once a booking is made, it is marked as Pending Approval until approved by the admin.

5. View Booking Status:

- Users can check whether their ticket booking has been approved or declined by the admin.

6. Movie Ratings:

- Users can view ratings for specific movies.

Admin Features

1. Admin Login:

- Admins can log in to manage the system.

2. Approve Bookings:

- Admins can view pending bookings and approve or decline

3. Manage Movies:

- Admins can add new movies to the platform.

4. Manage Theaters:

- Admins can assign movies to specific theaters.
- Update details of theaters such as location, seating capacity, and schedule.

5. User Bookings Overview:

- Admins can view all user bookings and their statuses.

Implementation:

The Online Movie Booking System is a robust platform developed using a combination of PHP, HTML/CSS, and JavaScript, each playing a crucial role in its functionality, design, and interactivity. All interactions with the database, such as adding or updating movie details, booking tickets, or approving reservations, are seamlessly handled by PHP. It dynamically generates content for the user and admin dashboards, making the system responsive to real-time data changes. Enabling essential functionalities such as seat availability checks, booking approvals, and updating the status of tickets. Finally, you can test the system's functionality. Register as a new user or log in if demo credentials are provided. Explore features such as browsing movies, watching trailers, selecting seats, booking tickets, and checking ticket approval statuses. If you have admin credentials, log in to the admin panel to add, edit, or delete movies, approve user bookings, and manage theaters. By following these steps, you can successfully set up and run the Online Movie Booking System on your machine.

Source Code:

All source codes are stored within the project folder.

How to run a system:

To set up and run the Online Movie Booking System, you first need to install a local server environment using XAMPP, download the project files along with the database, and configure everything to work together. During installation, ensure that both the Apache and MySQL services are selected as they are essential for the system. After installation, open the XAMPP Control Panel and start the Apache and MySQL modules. Both services need to be running for the system to work properly.

Next, obtain the project files for the online movie booking system. These are usually provided as a ZIP file from a source. Download the file and extract its contents to your local machine. After extraction, move the project folder to the htdocs directory within your XAMPP installation directory, typically located at C:\xampp\htdocs on Windows. Rename the folder if necessary for easier identification;The next step involves setting up the database. The database file is typically provided as an SQL file along with the project files.

