Movie Booking System

Project Synopsis Submitted

to

MANIPAL ACADEMY OF HIGHER EDUCATION

For Partial Fulfillment of the Requirement for the

Award of the Degree

Of

Bachelor of Technology

in

Information & Technology

by

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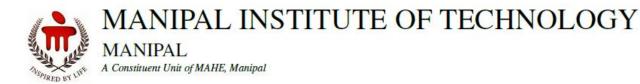**Reg. No. 210911256**

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Objective:

The objective of the Movie Booking System project is to develop a user-friendly and efficient platform that allows users to browse, select, and book movie tickets. The system aims to streamline the process of movie ticket booking, providing users with a seamless experience and enabling theater administrators to manage screenings and bookings effectively.

Scope:

The system will have two main user roles: customer and admin.The admin will have the ability to manage screenings and bookings effectively.Customers will register and authenticate in order to browse, select, and book movie tickets.Movie listing and showtimes are seen by the customer to book tickets.

Project Description:

The Movie Booking System will provide an platform where users can access information about the latest movies, available showtimes, and theater halls. Users can create accounts, browse movies, select showtimes, choose seats, and make bookings. The system will also offer an admin interface for theater administrators to manage movie listings, showtimes, and monitor bookings. Additionally, the system may include reporting features for generating insights into booking trends, revenue, and attendance.

The project will involve database design to store movie details, showtimes, user information, and booking records. A user-friendly front-end interface will allow customers to interact with the system, while an admin dashboard will provide management capabilities. The project will adhere to best practices for security, data integrity, and user experience.

Hardware Requirements:

Processor: Intel dual core or above
Processor Speed: 1.0GHZ or above
RAM: 1 GB RAM or above
Hard Disk: 20 GB hard disk or above

Functionalities:

The database will contain following tables :

- Movie Table - contains data about movies which will be shown in the theater

- Auditoriam Table - identifies all auditoriums in theater.

- Screening Table - contains data of all screenings

- Seat Table - contains a list of all seats we have in auditoriums with each seat assigned to strictly one auditorium

- Employee Table - contains lists all employees using the system for admin authentication.

- Reservation and seat Reserverd Table - The reservation table stores data about a ticket reservation and/or sale.The seat_reserved table enables us to make a reservation or one payment for multiple seats. After the employee checks a few free seats on the interface, one record would be added to this table for each of them.

Software Requirements:

Language: HTML,CSS,JS
Database: Oracle,MySQL

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