Transform Yourself

Theatre ticket management system

BY:

MADHAV S -23CDR083

MANOHARAN R -23CDR088

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Problem Description

- Theatre tickets can not be book quickly by using other app and customer also affect while booking the ticket .
- They did not also offer snacks while booking the tickets .
- Their user interface get upset the customers .
- The did not maintain the proper data about the user .
- In some case the user can get confuse about the long proccess

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Abstact

- The main objective is to allow users to view available shows, select seats, and book tickets convenientlthrough a user-friendly interface.
- Display live updates of seat availability to prevent double bookings and enhance transparency for users.
- Provide detailed reports for theatre management on total bookings, revenue, and customer activity.
- Provide the detailed information on snacks menu.

Introduction

The Theatre Ticket Management System is a digital solution designed to streamline the process of booking, managing, and organizing theatre tickets. Traditional ticketing methods often involve long queues, manual errors, and inefficient record-keeping. This system addresses these issues by providing an automated platform that allows users to view show timings, check seat availability, and book tickets online with ease.

It serves both customers and theatre administrators—customers benefit from a quick and convenient booking experience, while administrators gain tools to manage shows, seats, and revenues more effectively. With real-time updates, secure transactions, and a user-friendly interface.

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Existing System

- **Manual Ticket Booking**

  Customers must visit the theatre in person to book tickets.

  Tickets are issued physically by staff at the counter.

- **Telephone Booking**

  Customers can call the theatre to reserve seats.

  Booking details are manually recorded in registers.

- **Semi-Digital Systems (Basic POS Software)**

  Some theatres use Point-of-Sale (POS) systems to print tickets.

  Limited or no online access for customers.

Language Used

Frontend

- HTML
- CSS
- JavaScript
- BootStrap

Backend

- XAMPP(Apache + MySQL + PHP)
- PHP

Software Used

- Google Chrome
- XAMPP
- Visual Studio

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Proposed System

- **Movie and Show Management:** Admin can add, update, or remove movies and show timings.
- **Seat Booking System:** Users can select and book seats in real-time.
- **Ticket Generation:** Generates digital tickets with booking and payment details.
- **User Roles and Access Control:** Admin and users have separate access levels to manage or view data.
- **Booking Reports and Analytics**: Generates custom reports based on date, movie, user ID, etc.
- **User-Friendly Interface:** Simple and intuitive design for smooth user experience.

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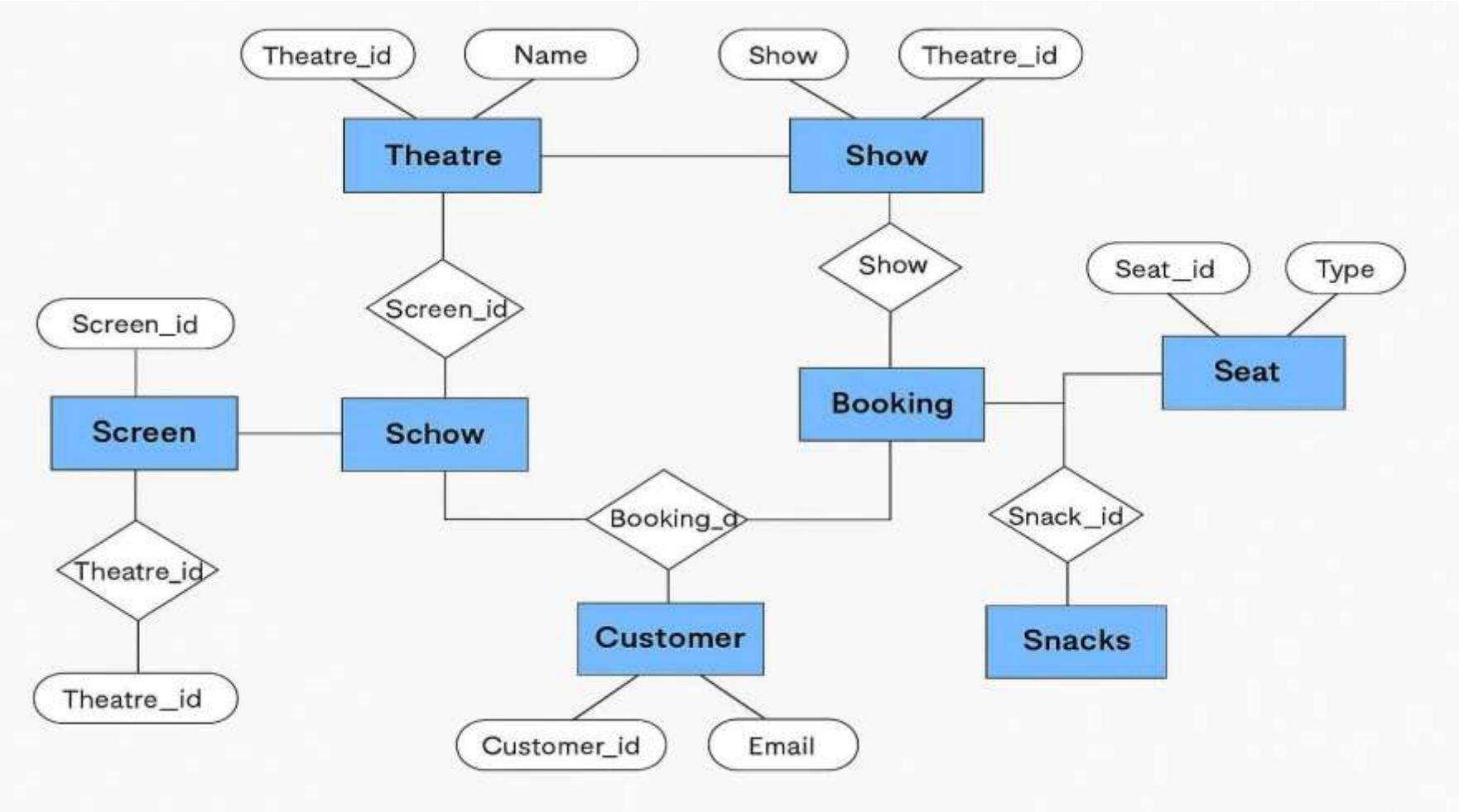
ER Diagram



E-R DIAGRAM FOR THEATRE TICKET MANAGEMENT

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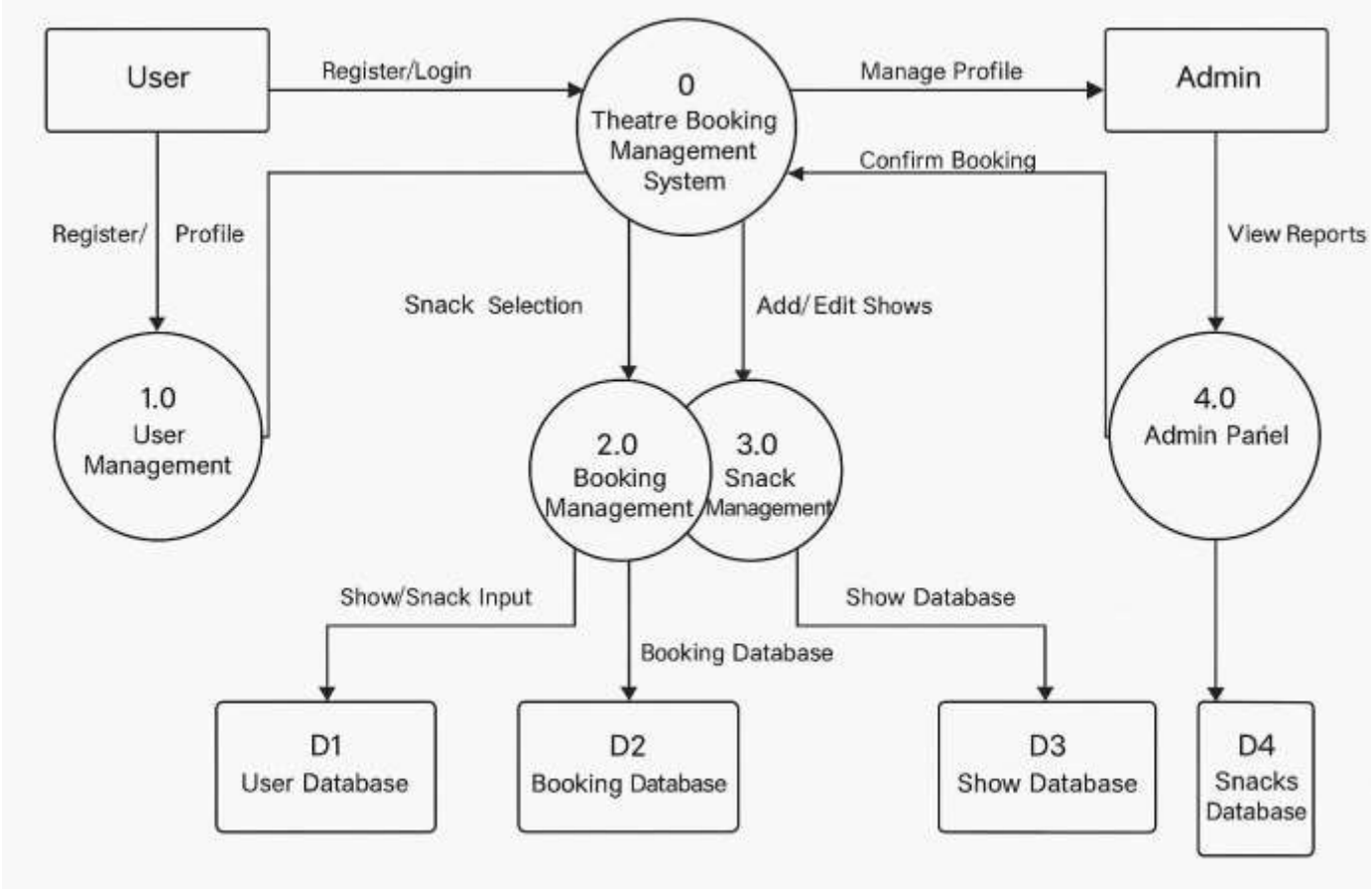
FLOW DIAGRAM



DATA FLOW DIAGRAM FOR THEATRE TICKET MANAGEMENT

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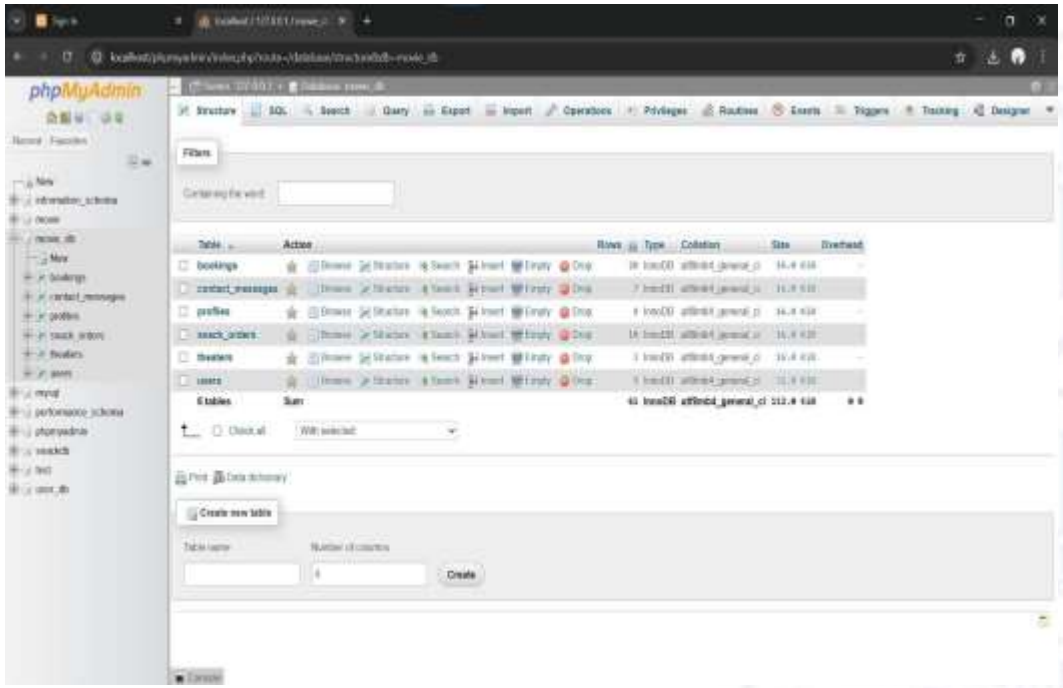
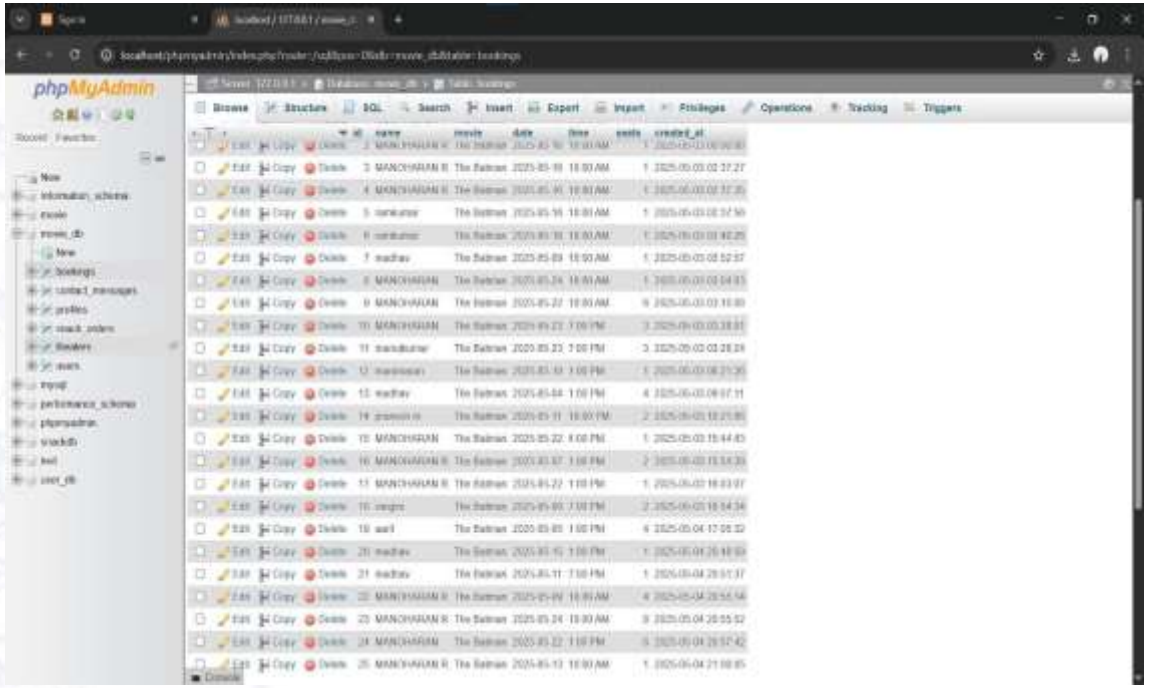
Implementation details

DataBase





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MovieMania Booking
Home
Upcoming movie
Profile
Contact
Snacks
My Profile
Name
Email
Phone
Choose File
No file chosen
Save Changes
© 2025 MovieMania Booking System | Designed by You

BookMyShowTime
Home
Upcoming movie
Profile
Contact
Snacks
Contact Us
Your Name
Your Email
Send Message
Email: support@BookMyShowTime.com
Phone: +1 234 567 8901
Address: 123 Cineplex Blvd, Film City, FL 12345

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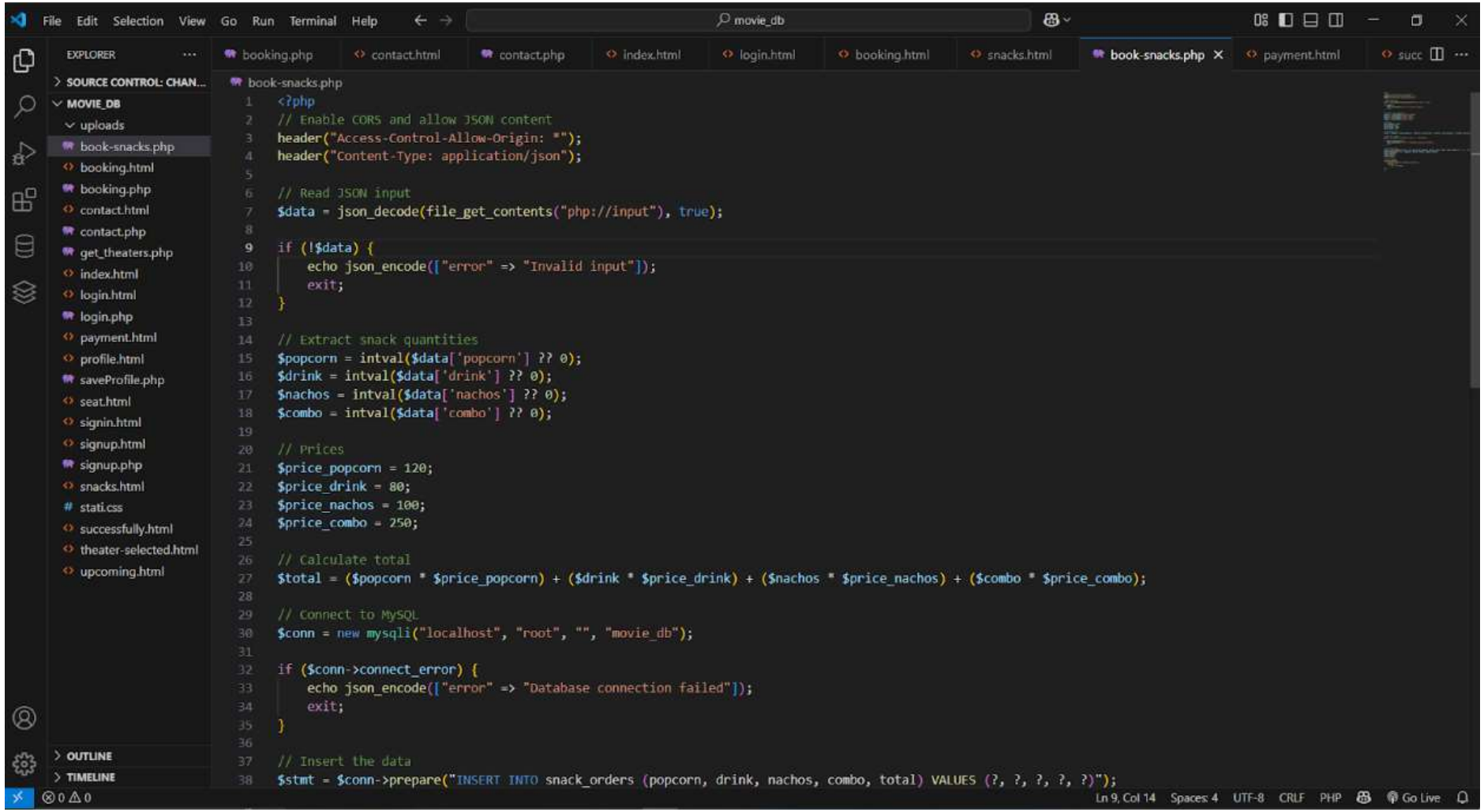

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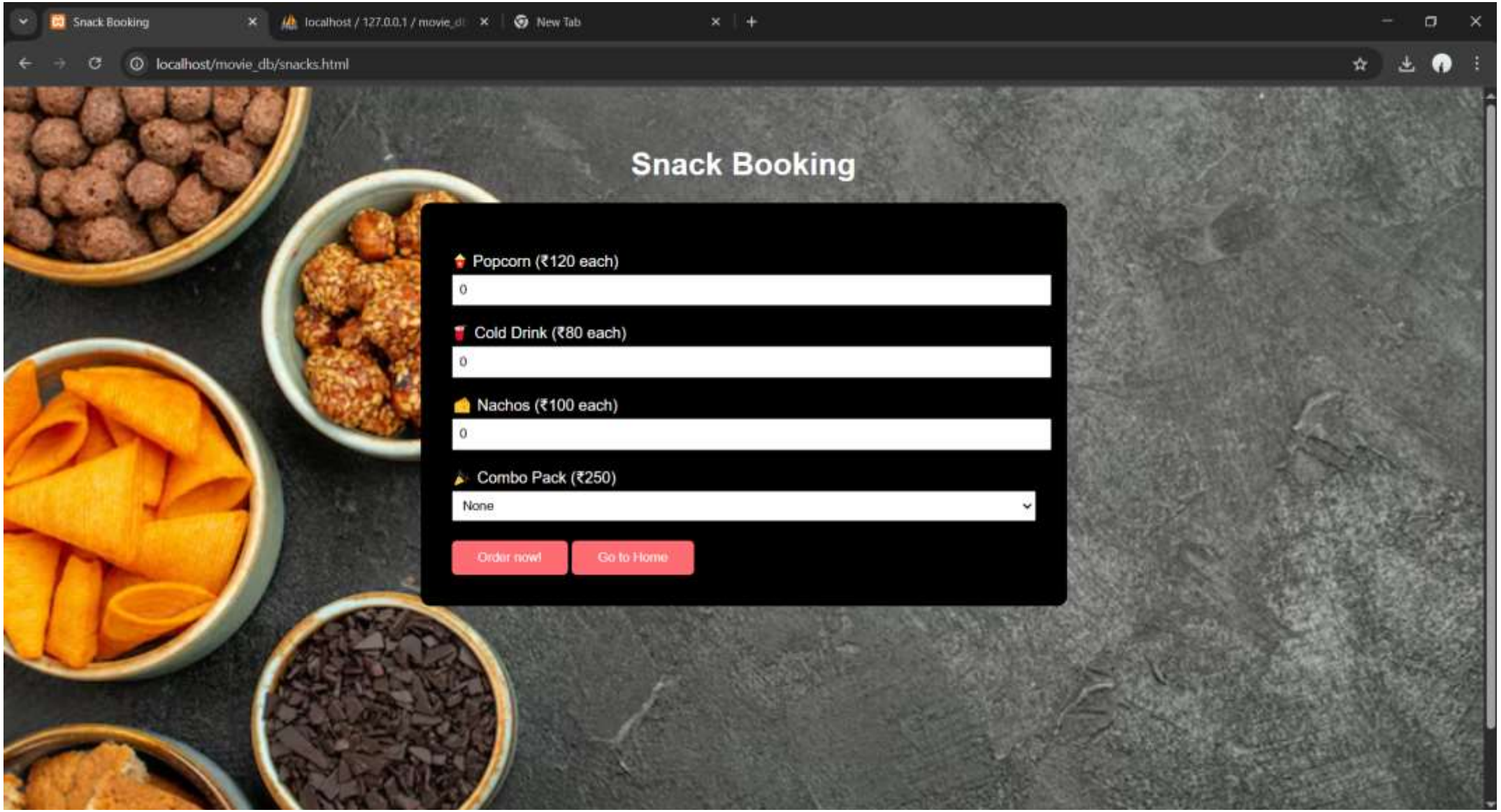

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Conclusion

- **Efficient Booking Process:** The system simplifies the ticket booking process for both customers and theatre staff by providing a user-friendly interface.
- **Real-Time Seat Availability:** Real-time updates on seat availability reduce the chances of overbooking and ensure better customer satisfaction.
- **Secure Payment Integration:** Secure and reliable payment gateways enhance customer trust and facilitate smooth transactions.
- **Data Management:** Centralized storage of booking, customer, and show data improves data management and reduces manual errors.

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REFERENCE

- **Online Ticketing Platforms (for comparative study and features):**

BookMyShow – India's leading online entertainment ticketing platform.

Ticketmaster – A global platform for ticket sales and event management.

Paytm Movies – Offers movie ticket booking services with payment integration.

- **Research Papers and Journals:**

IEEE Xplore Digital Library – Search for papers on "Online Ticket Booking Systems"
Website: https://ieeexplore.ieee.org

Google Scholar – Find academic articles related to automation in ticket management systems.
Website: https://scholar.google.com