DATE : 20/09/2024

Final Project

Hotel Management

Project Abstract:

This case study details the development of a comprehensive hotel management web application designed to streamline hotel operations, enhance guest experiences, and optimize the booking and room management processes. The platform is intended for use by hotel staff to manage bookings, room availability, customer interactions, and services efficiently.

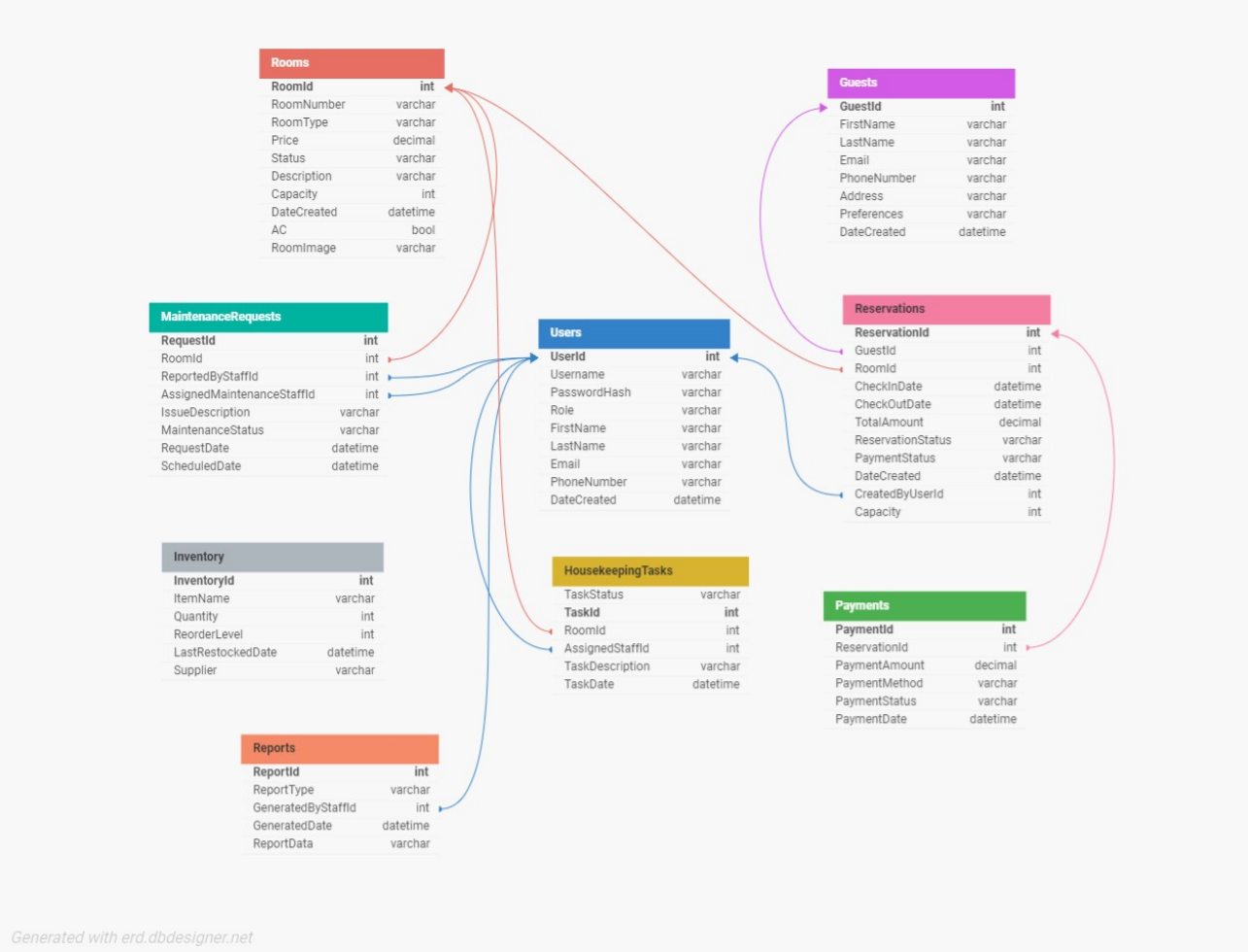
Objective:

To create a robust, secure, and user-friendly hotel management system that facilitates efficient hotel operations, improved customer service, and streamlined communication between the hotel staff and guests.

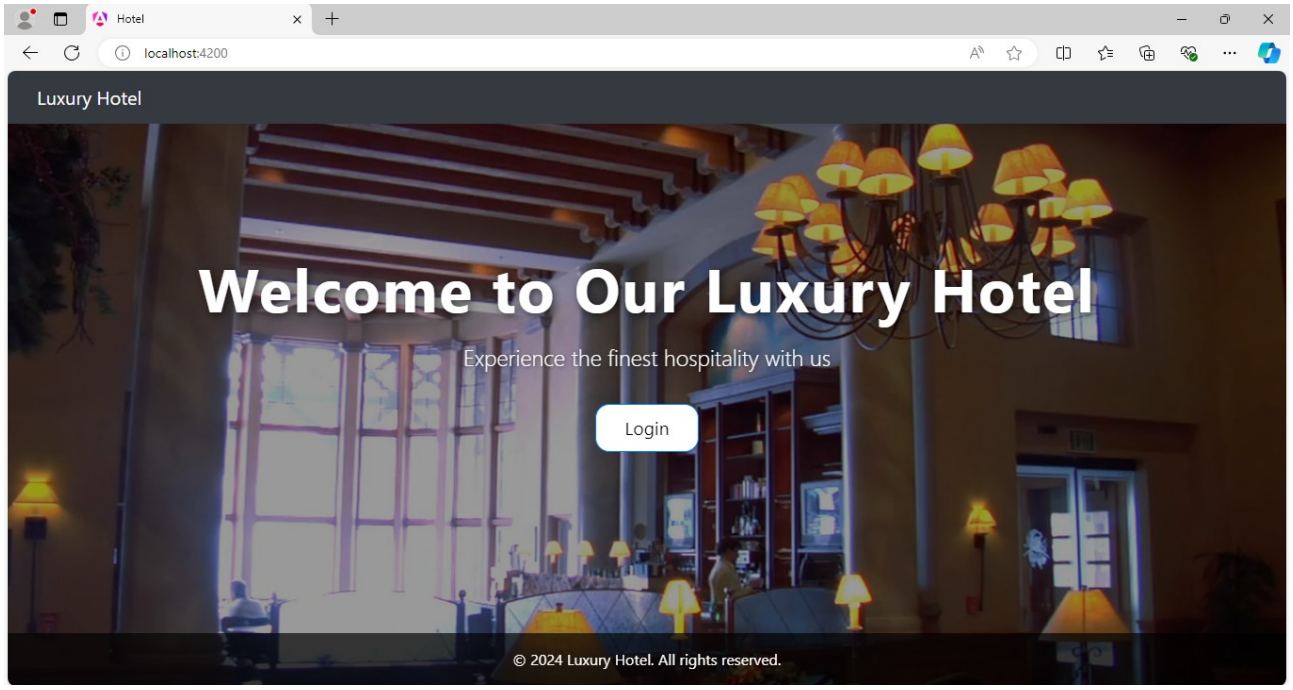
In API totally 9 Models:

1. User
2. Guest
3. Room
4. Reservation
5. Payment
6. HouseKeepingTask
7. MaintenanceRequest
8. Inventory
9. Report

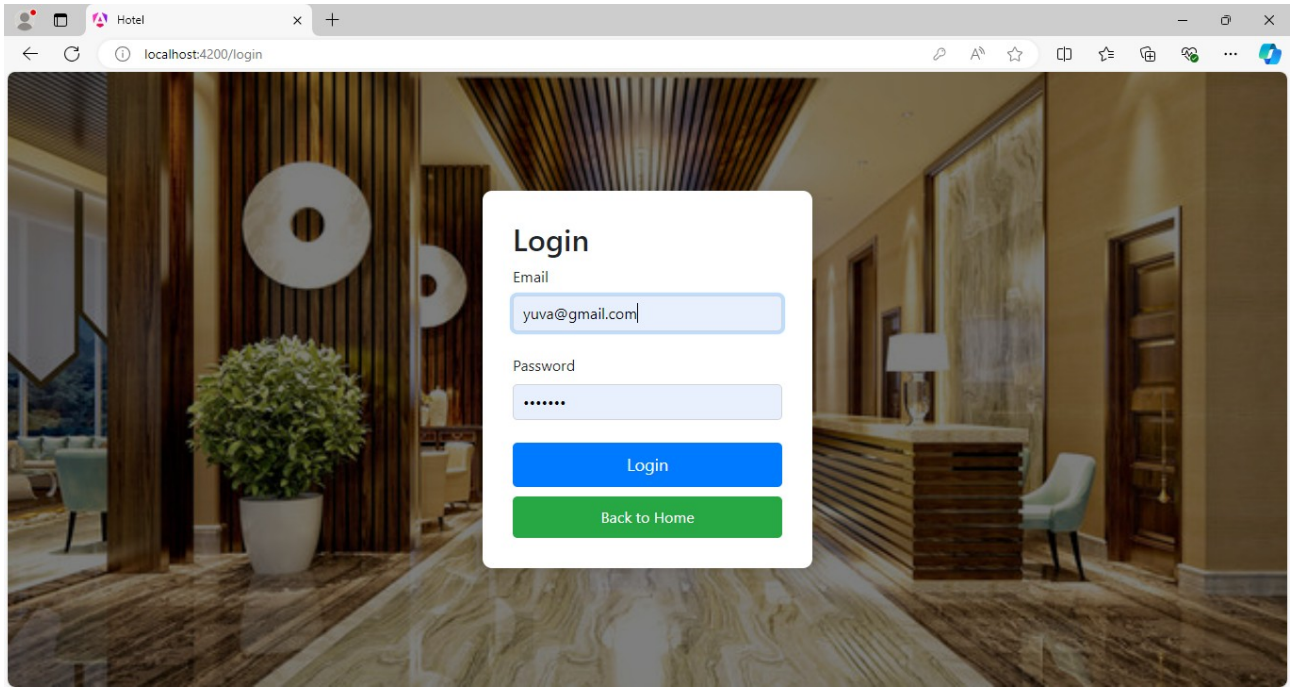
Database Design :



Home Page:

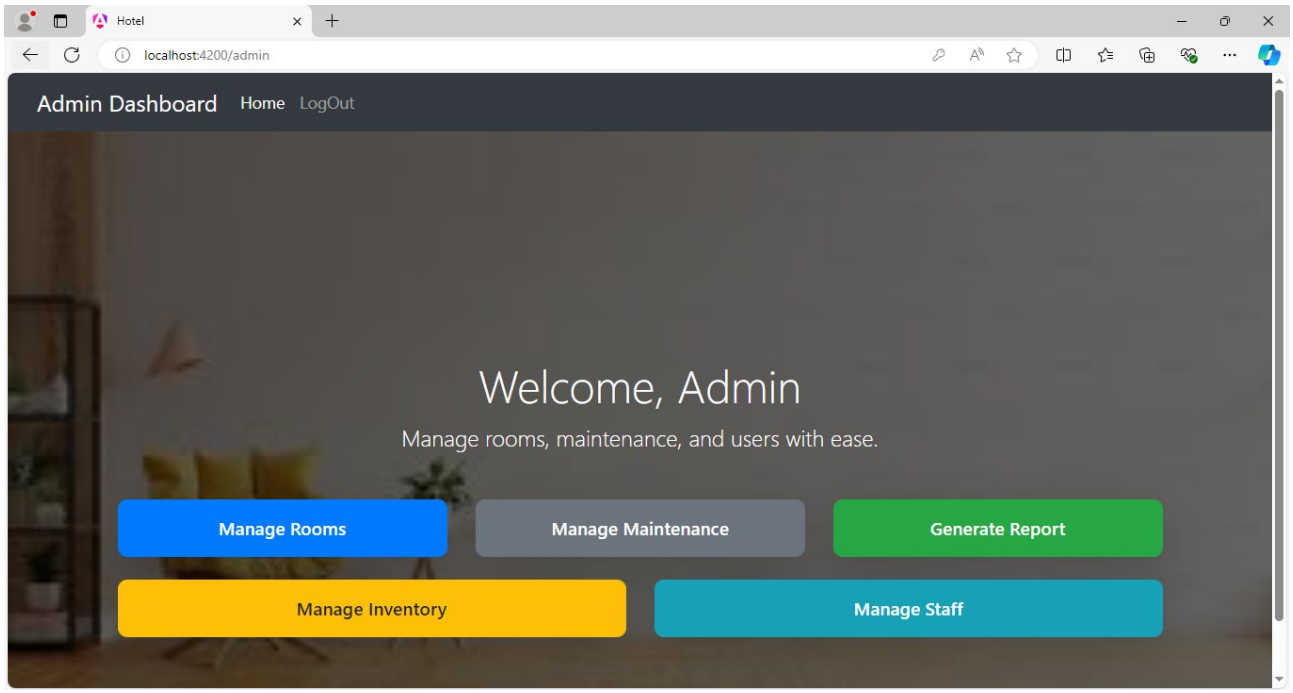


Login Page:

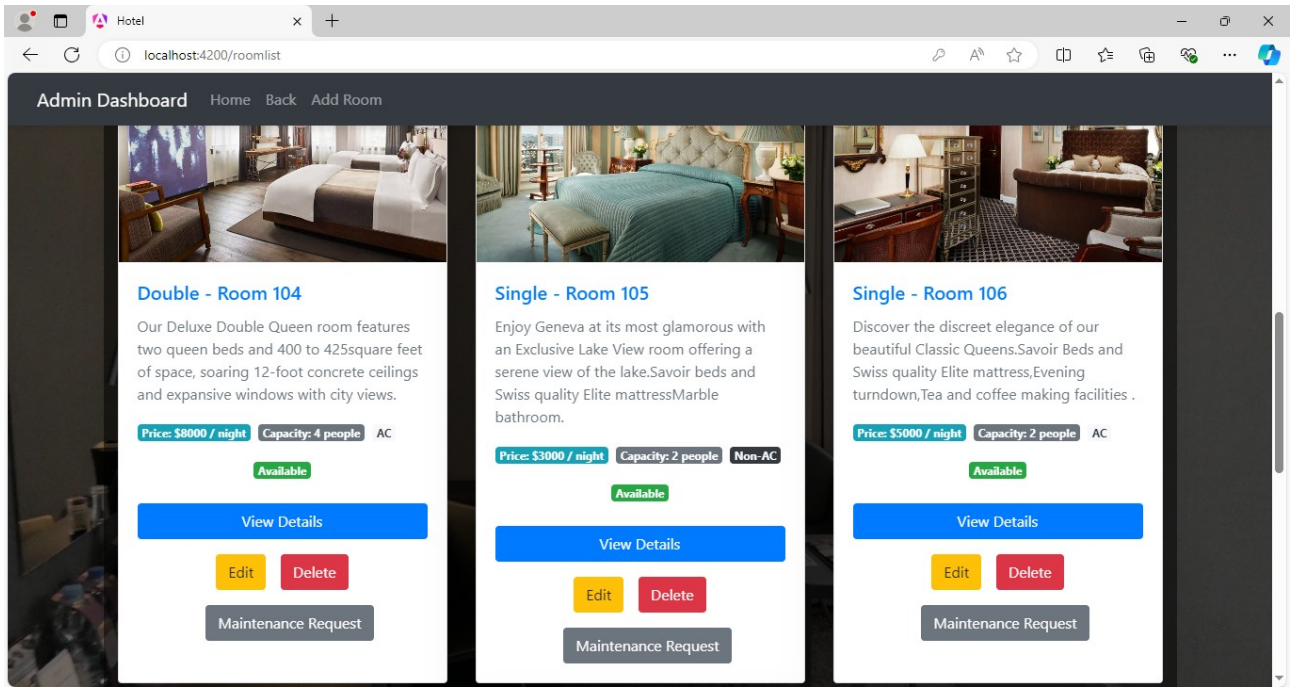


If Admin Login :

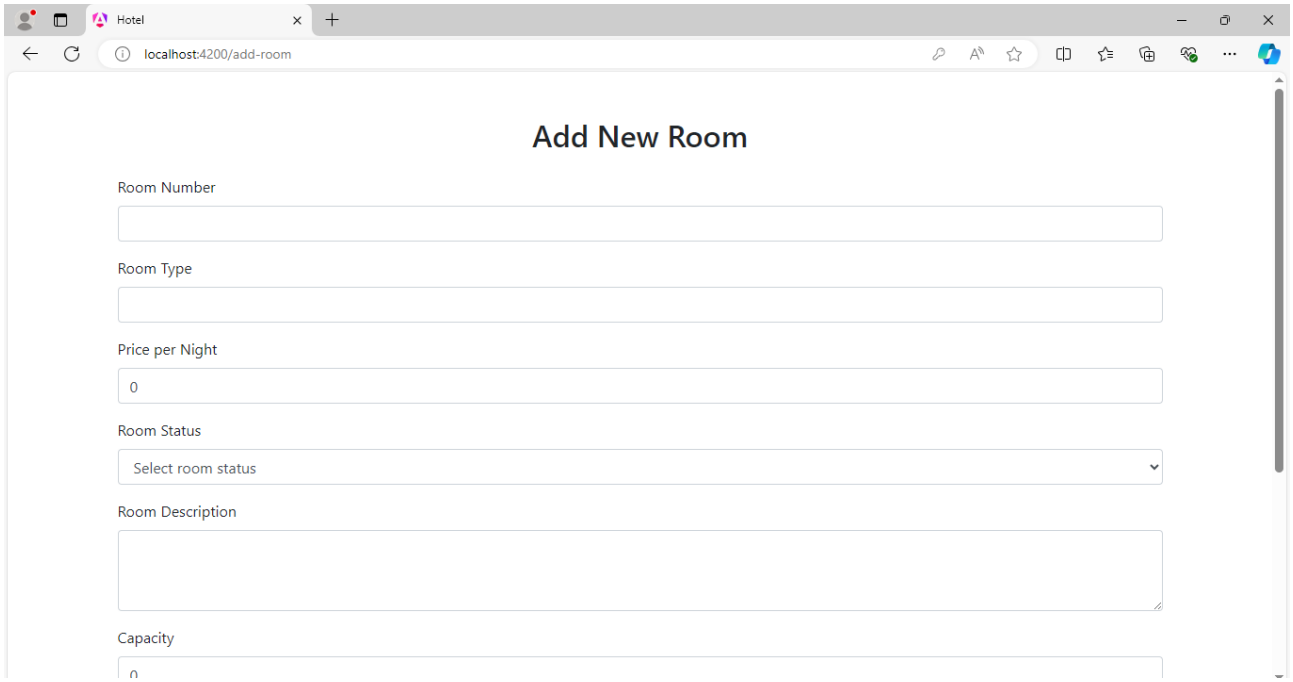
Admin Dashboard



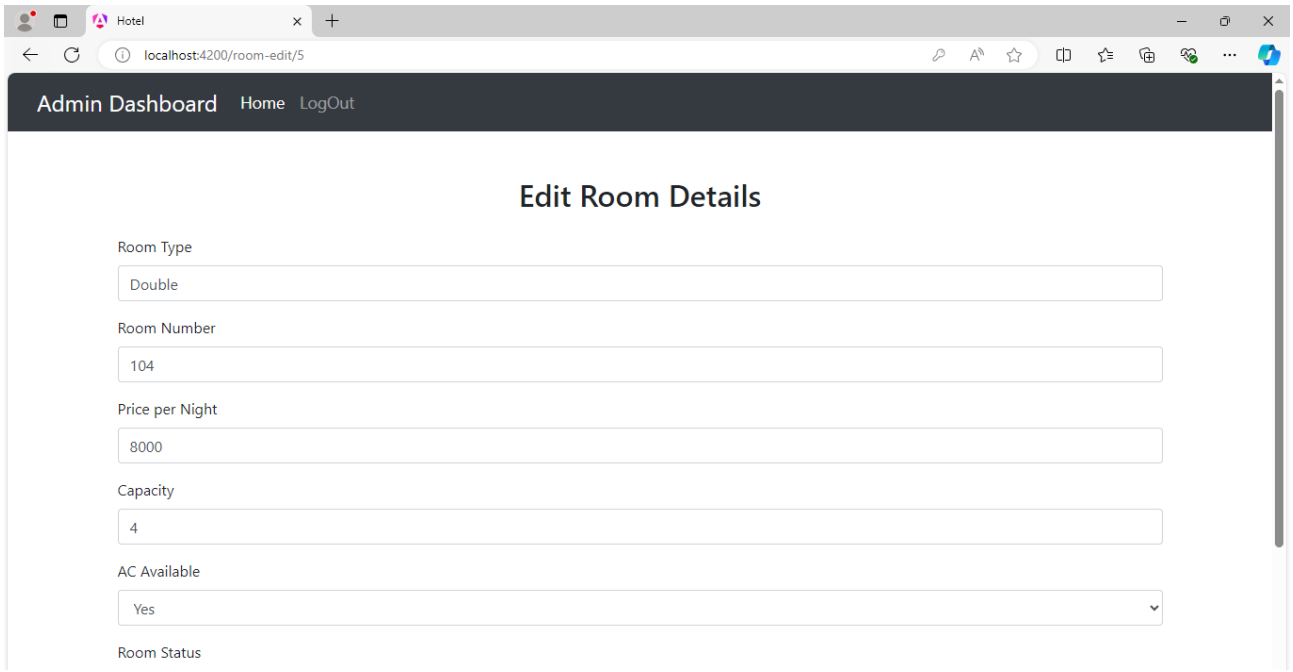
Manage Room:



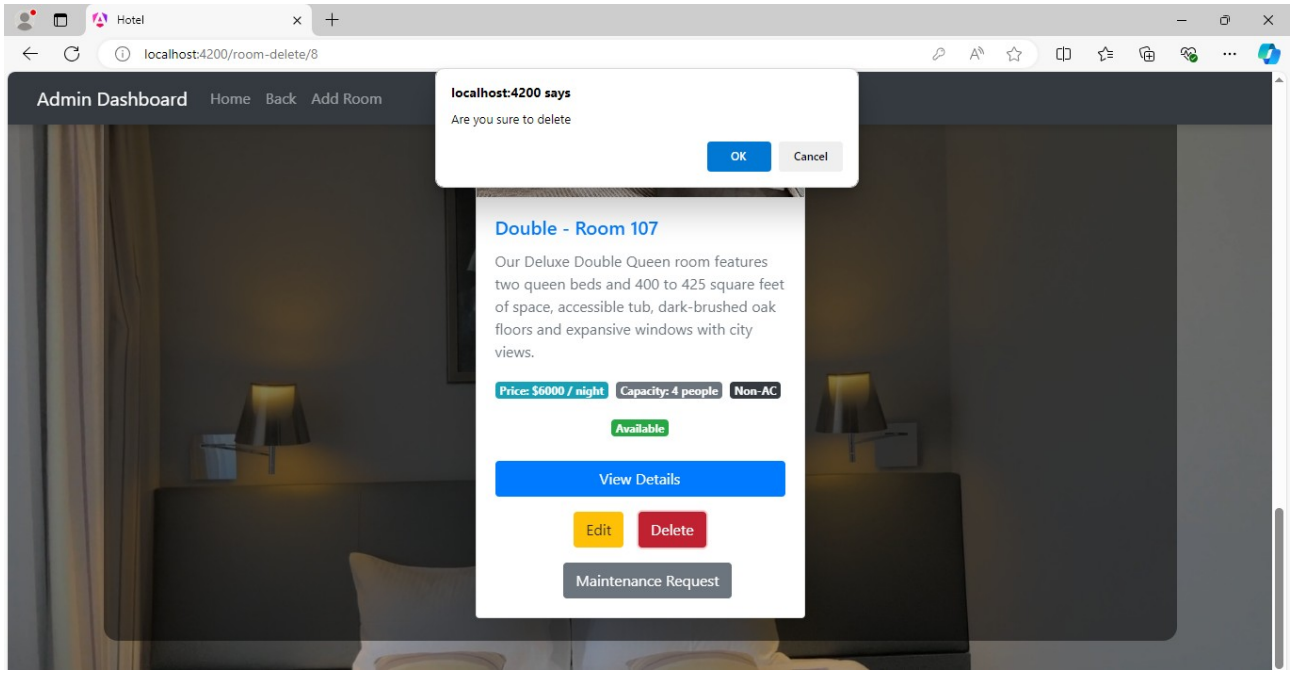
Add Room:



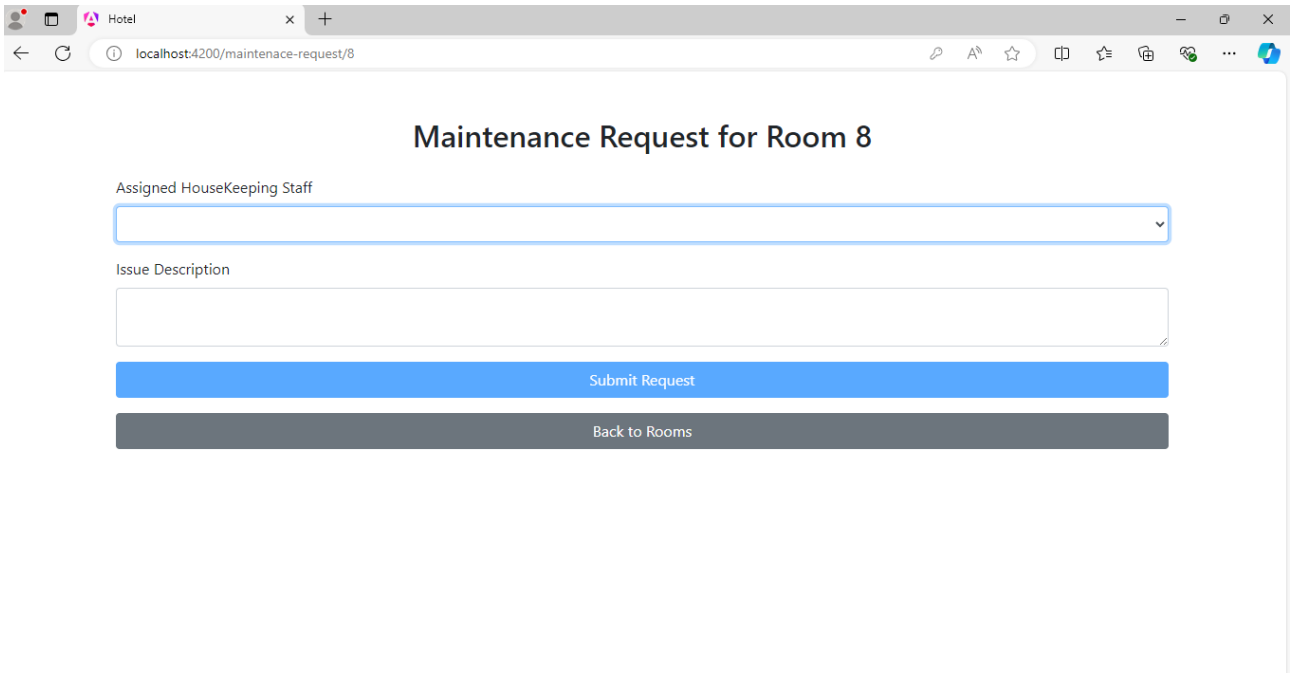
Edit Room:



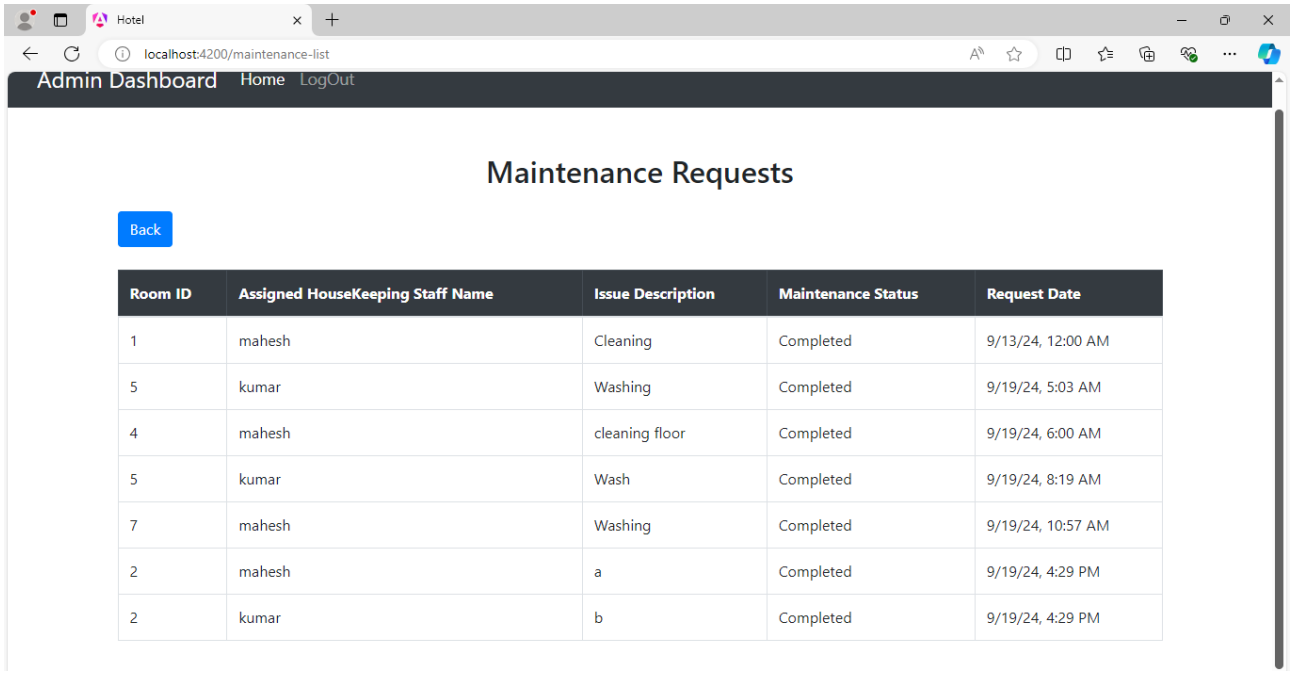
Delete Room:



Maintenance Request:

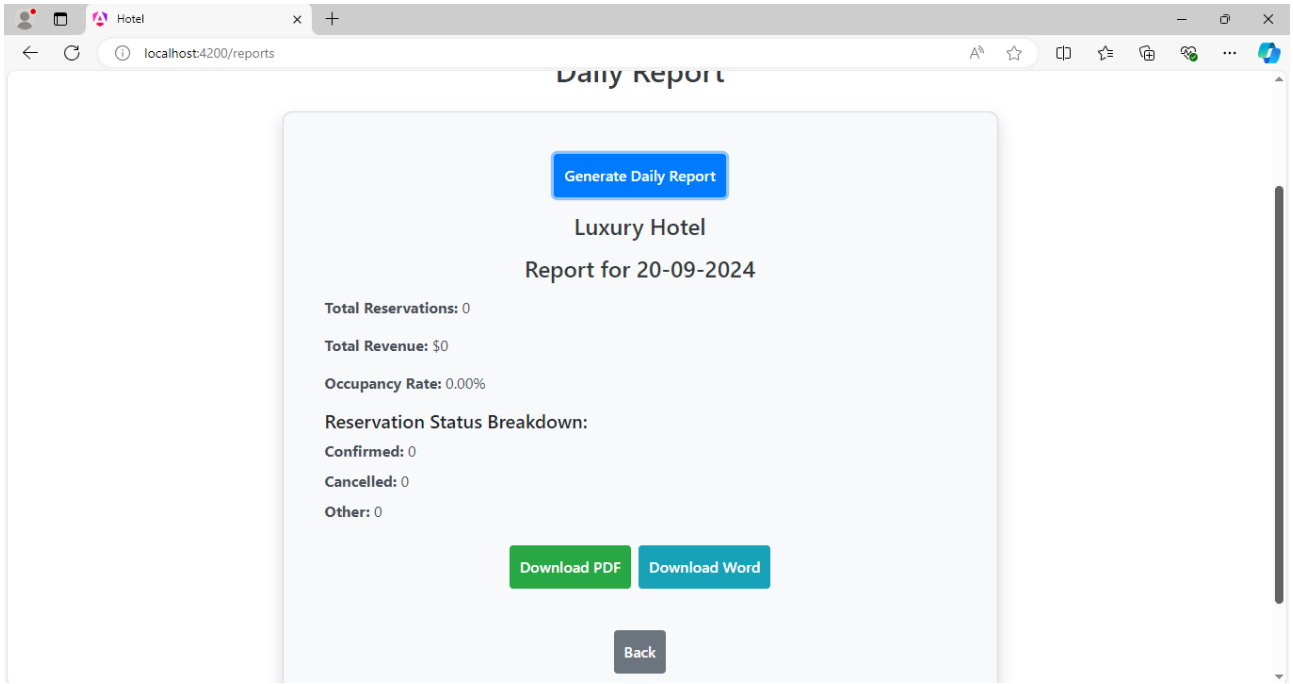


List of Request:

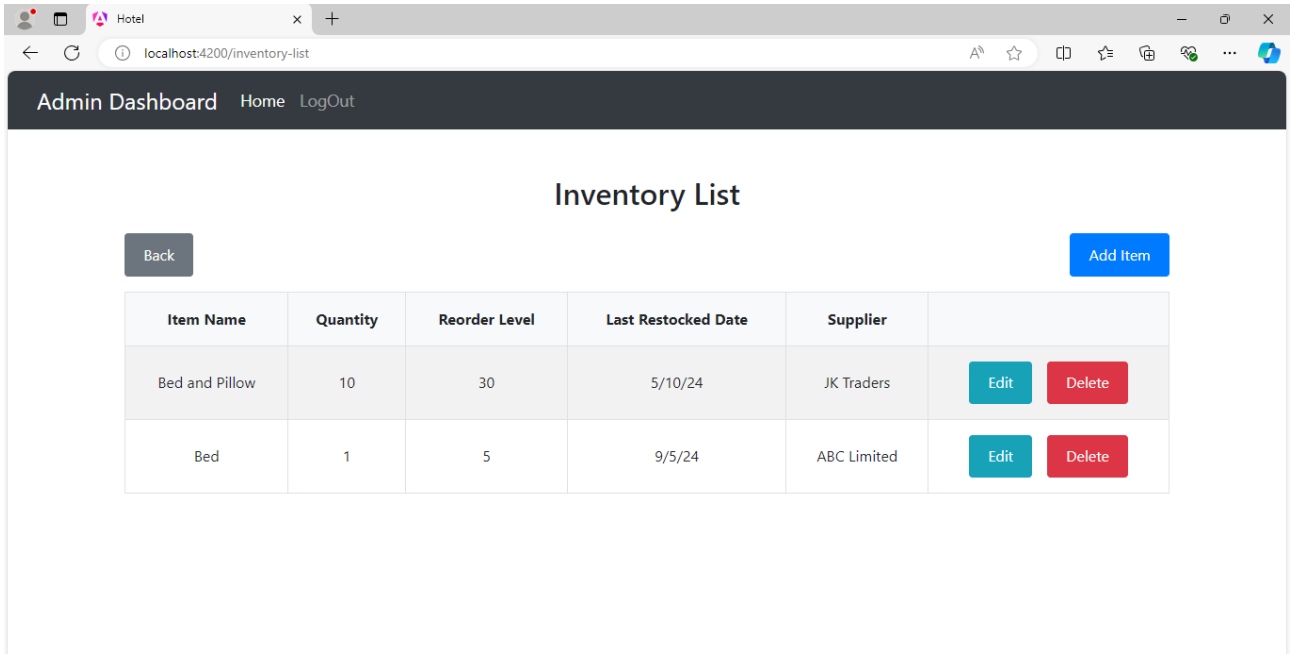


Room ID	Assigned HouseKeeping Staff Name	Issue Description	Maintenance Status	Request Date
1	mahesh	Cleaning	Completed	9/13/24, 12:00 AM
5	kumar	Washing	Completed	9/19/24, 5:03 AM
4	mahesh	cleaning floor	Completed	9/19/24, 6:00 AM
5	kumar	Wash	Completed	9/19/24, 8:19 AM
7	mahesh	Washing	Completed	9/19/24, 10:57 AM
2	mahesh	a	Completed	9/19/24, 4:29 PM
2	kumar	b	Completed	9/19/24, 4:29 PM

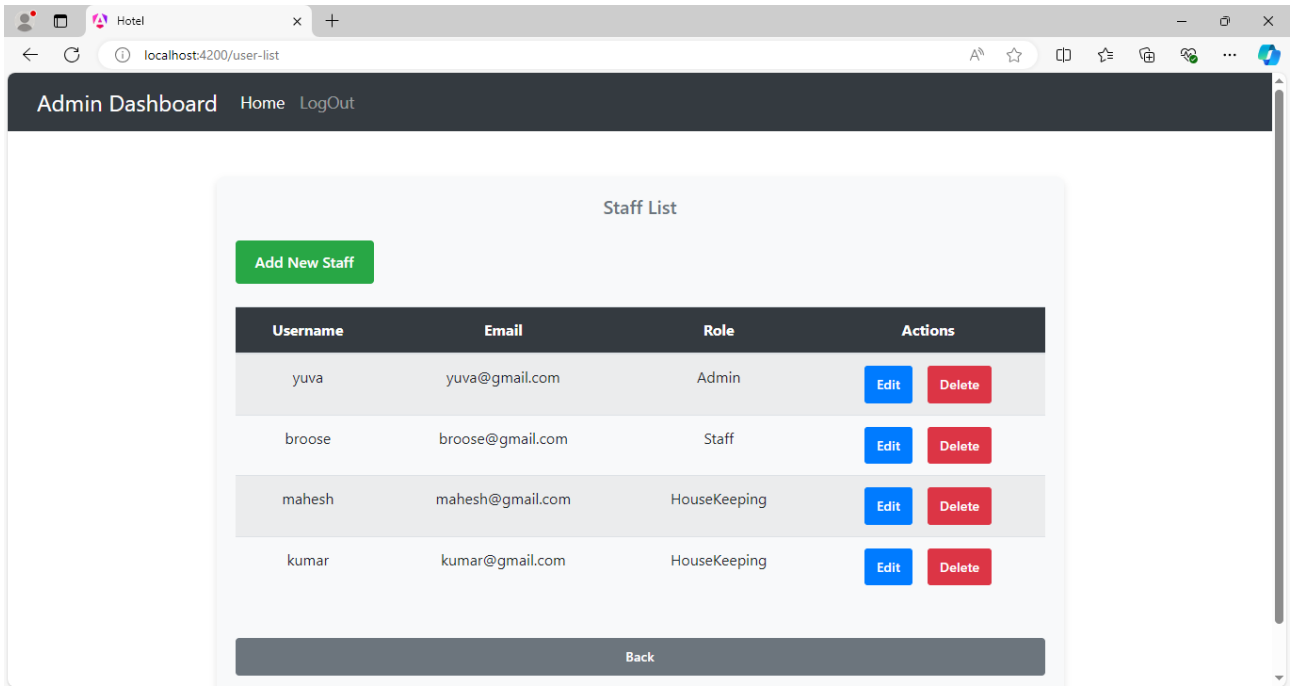
Manage Report:



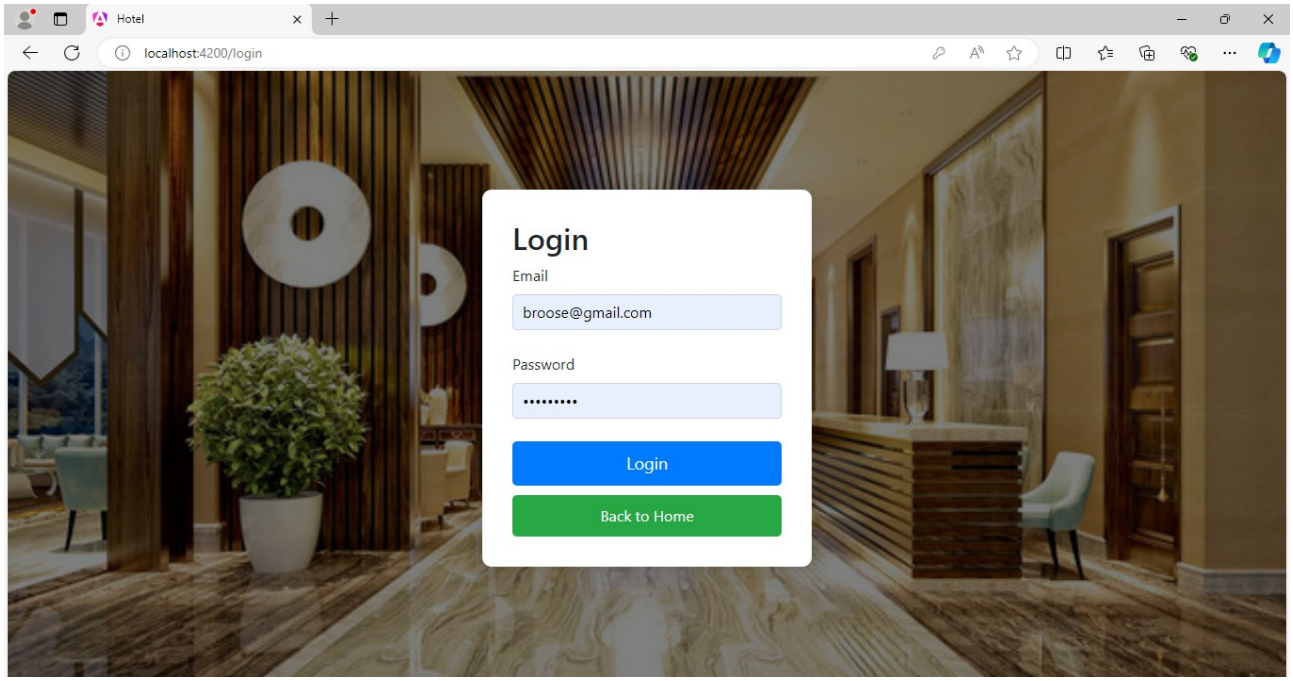
Inventory Management:



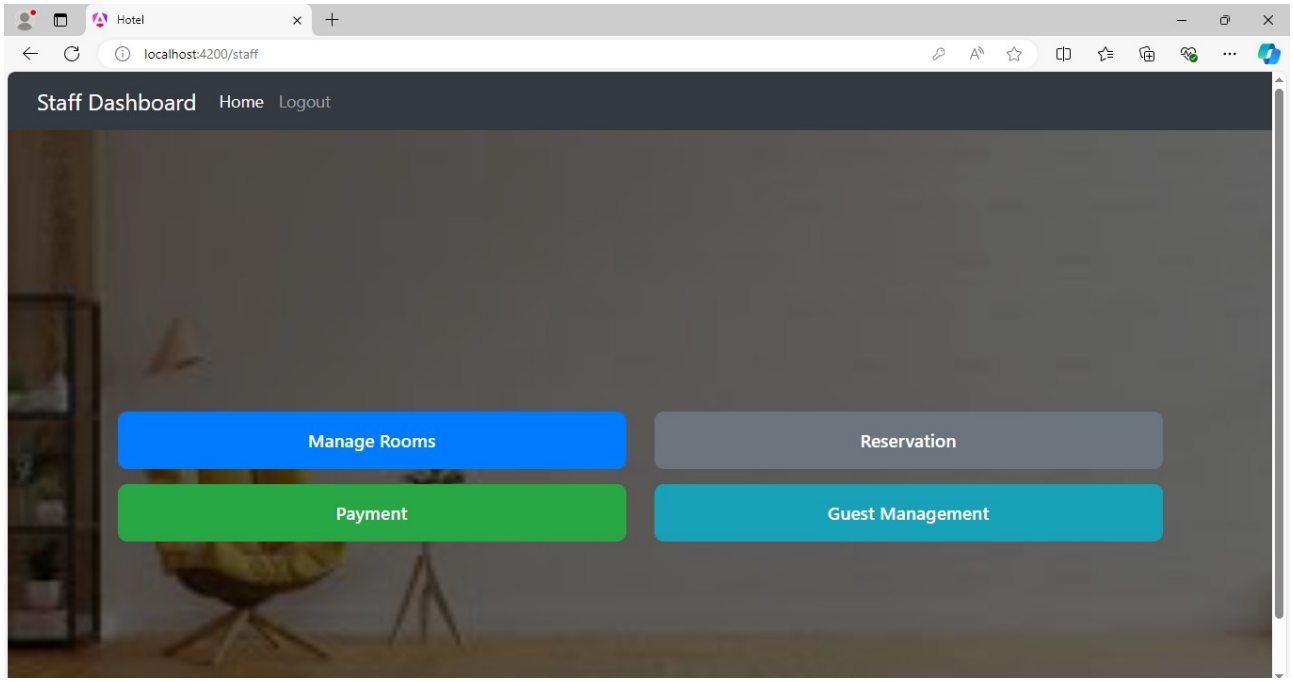
Manage Staff:



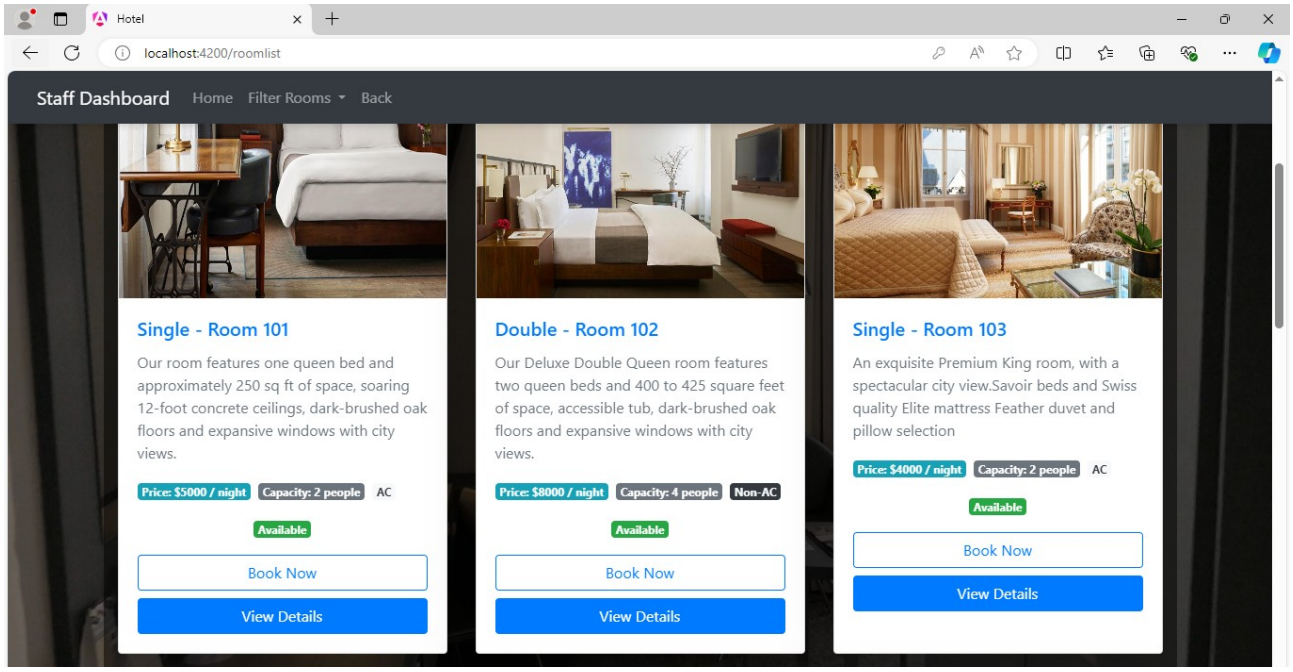
If Staff Login:



Staff Dashboard:

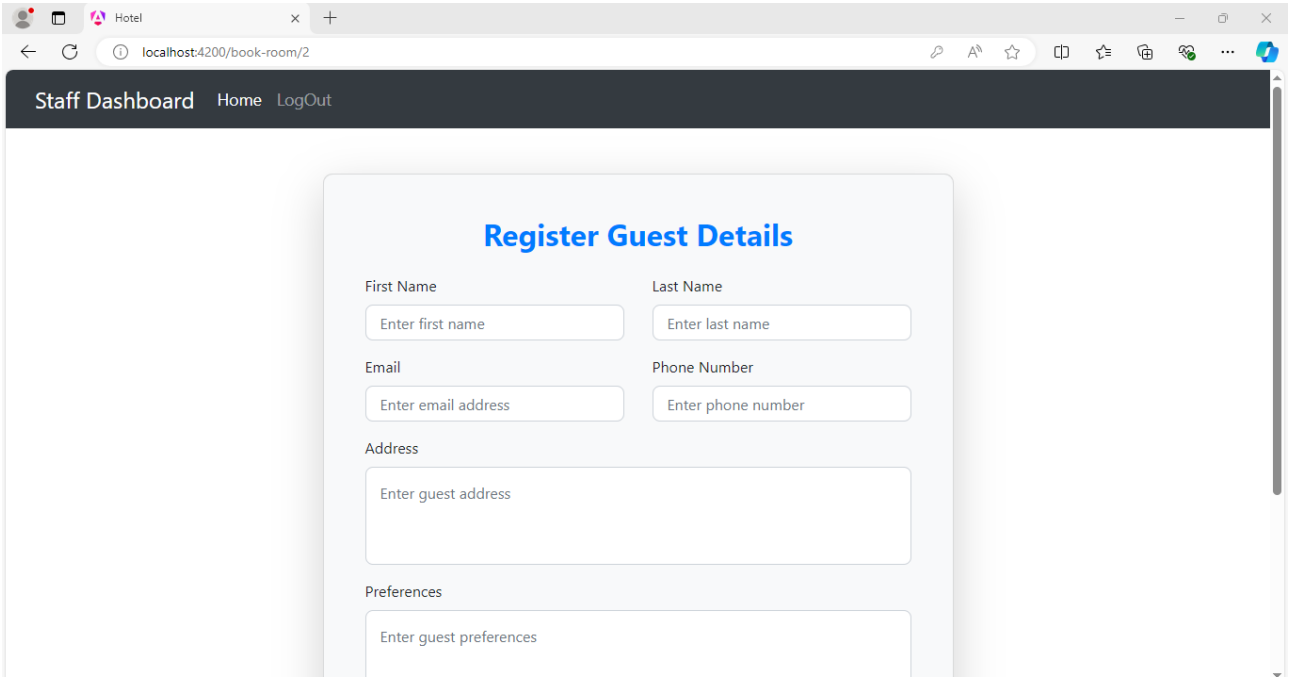


Manage Rooms:

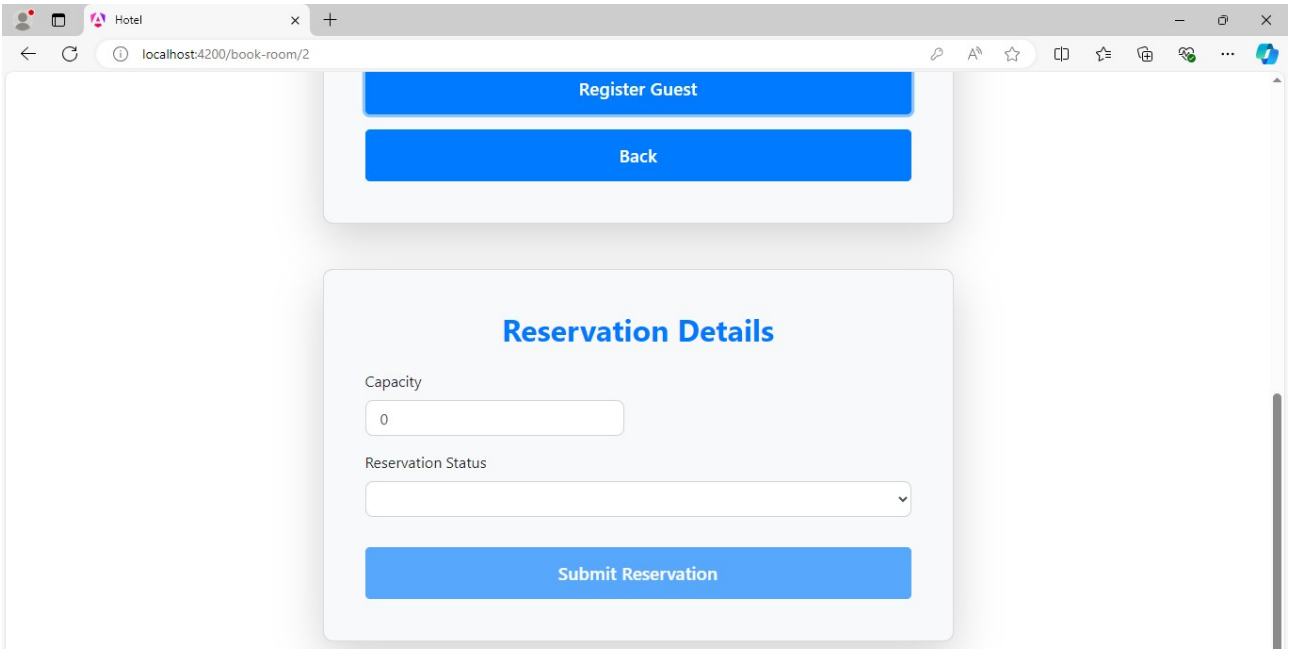


Booking Rooms:

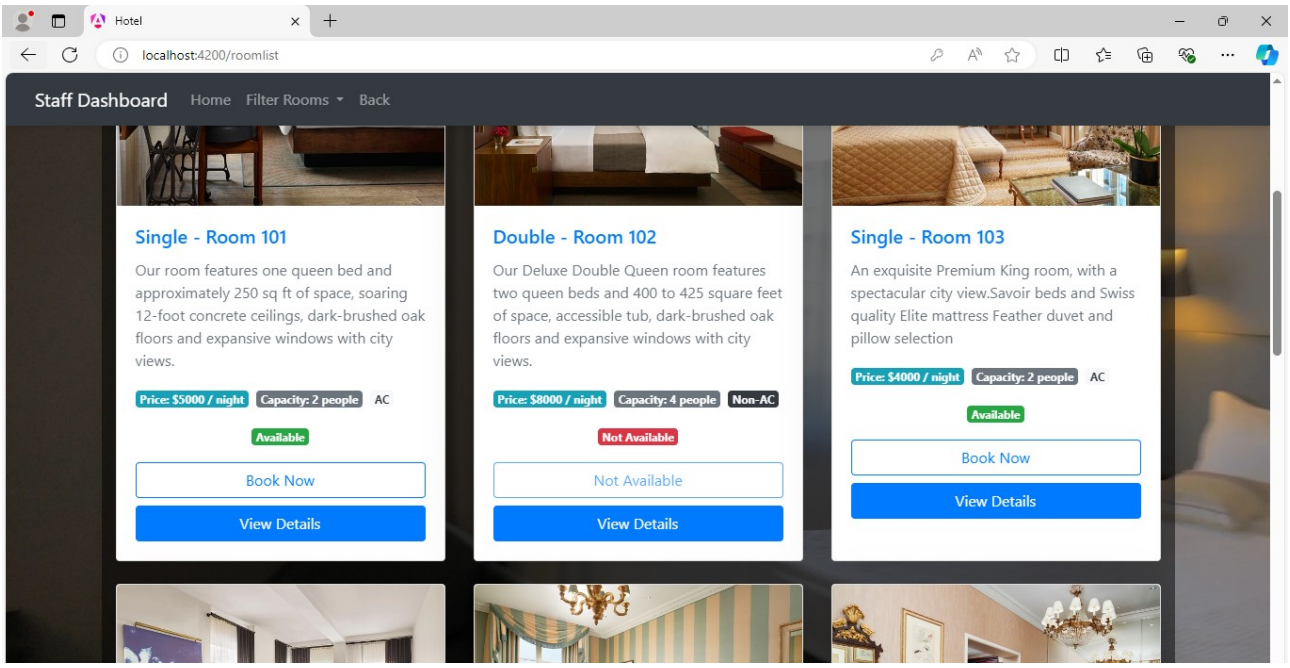
Register Guest:



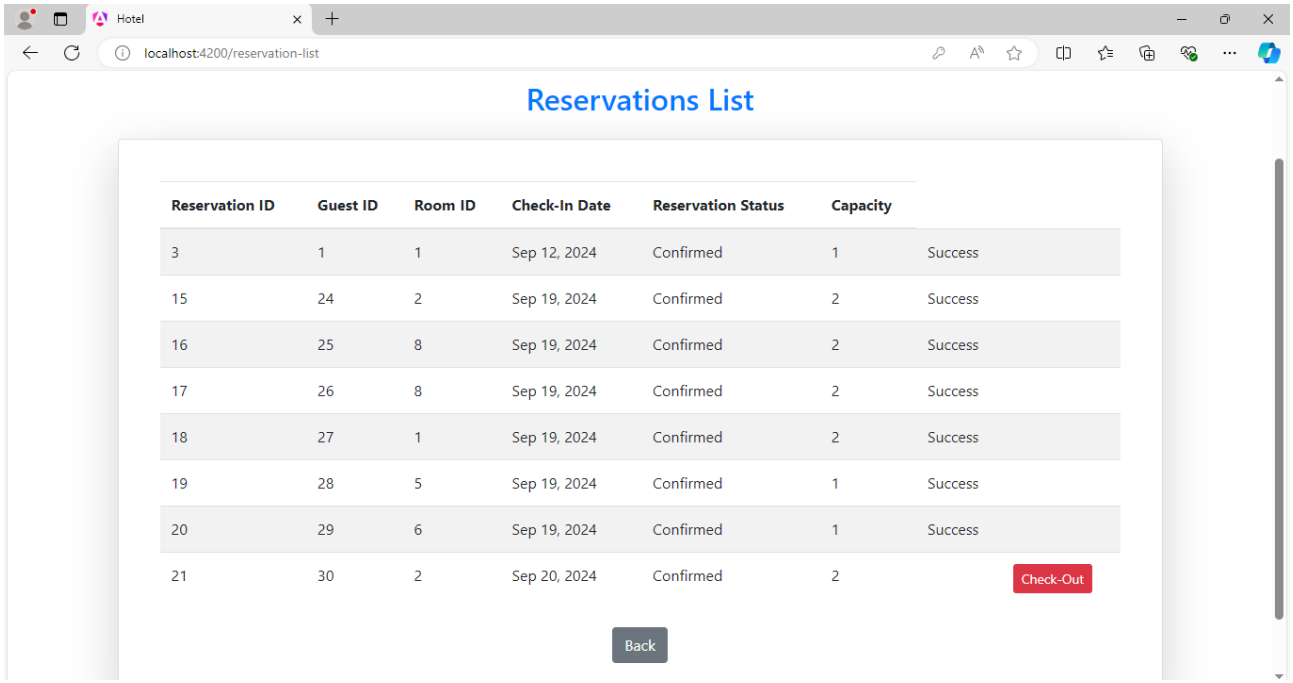
Reservation Details:



If Book the room that room is non available:

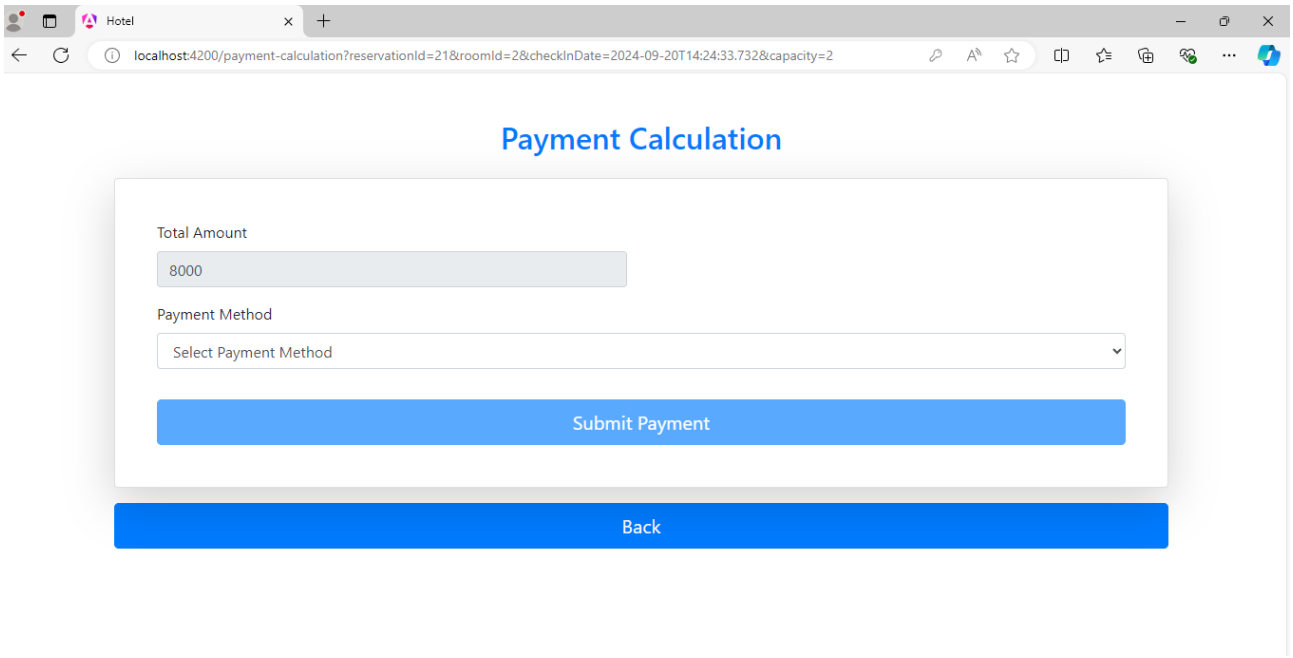


Reservation Management:

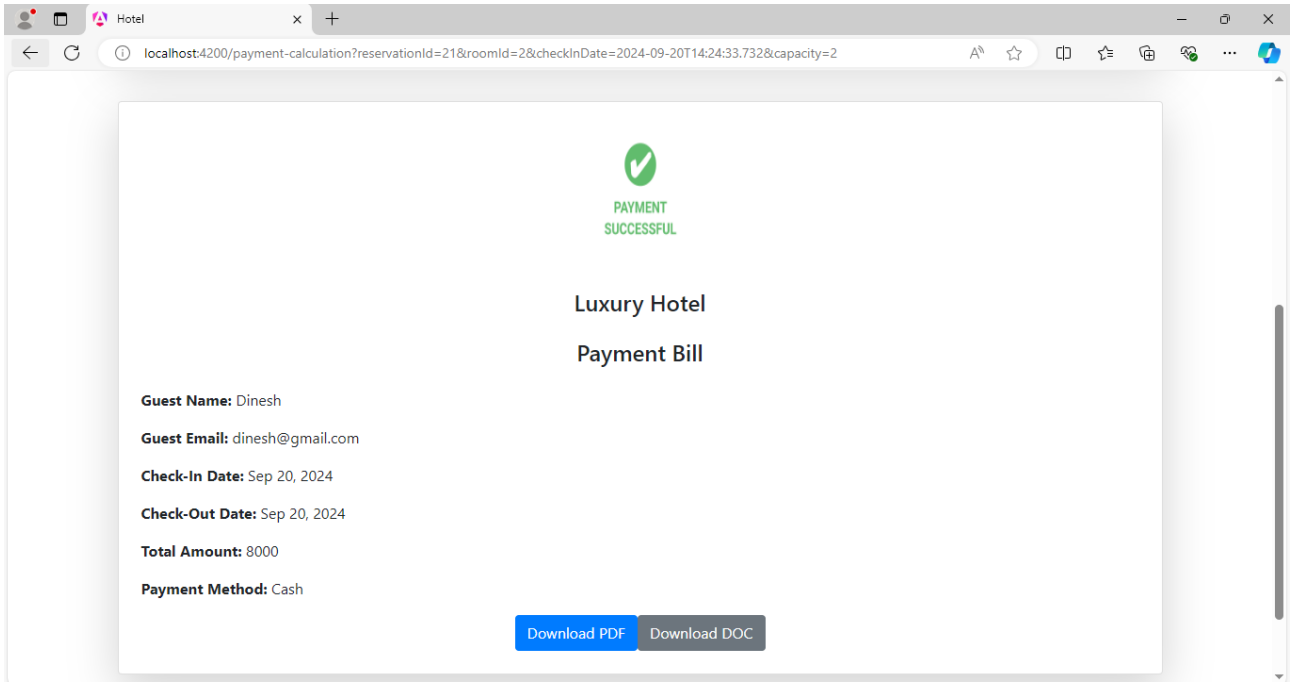


If click checkout:

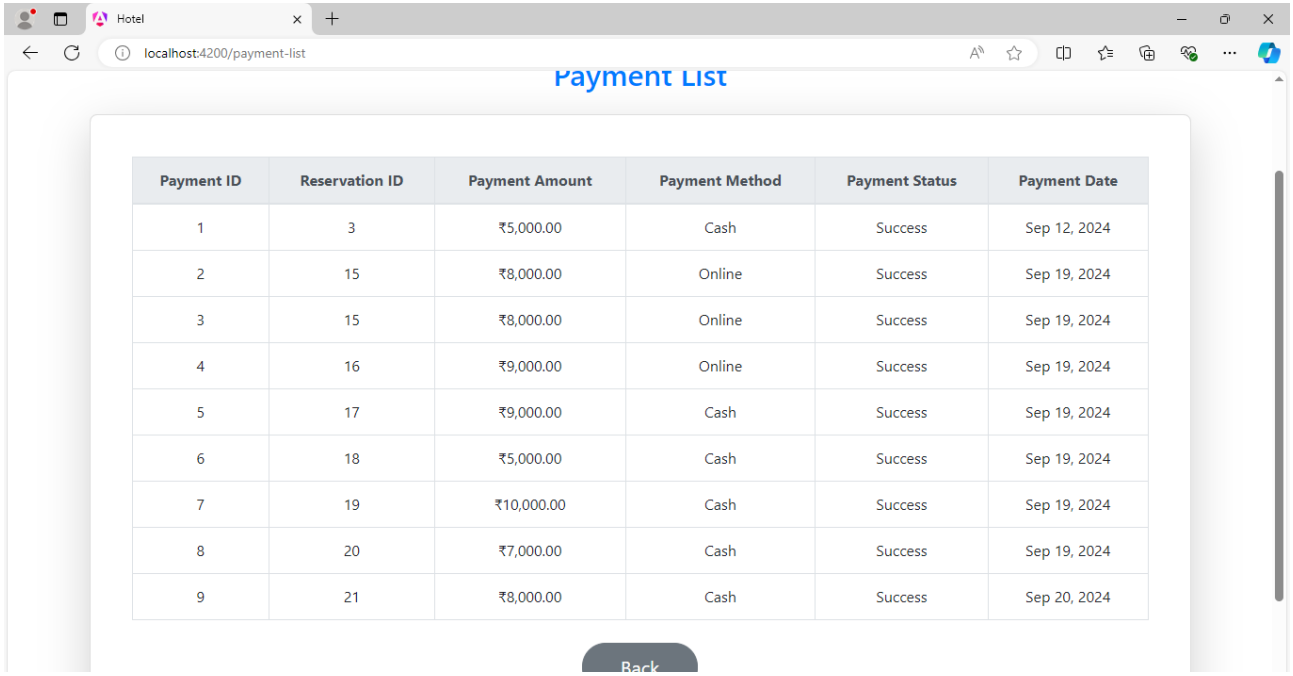
Payment :



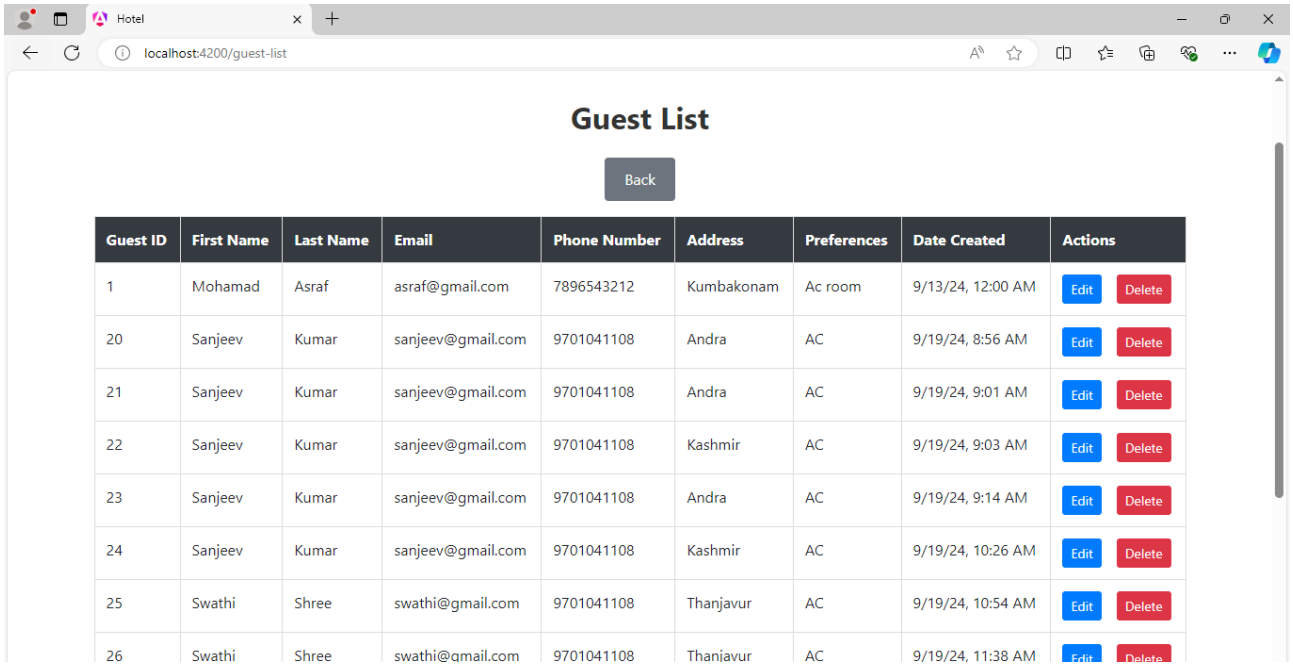
Submit the payment:



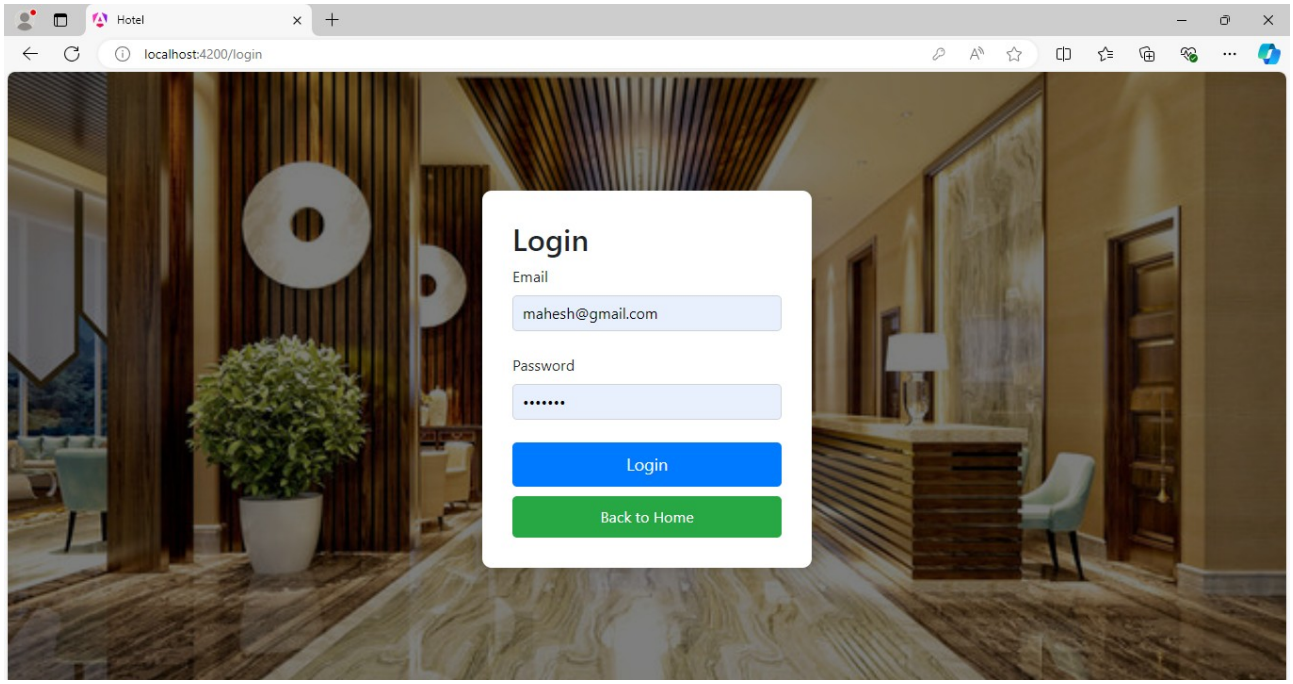
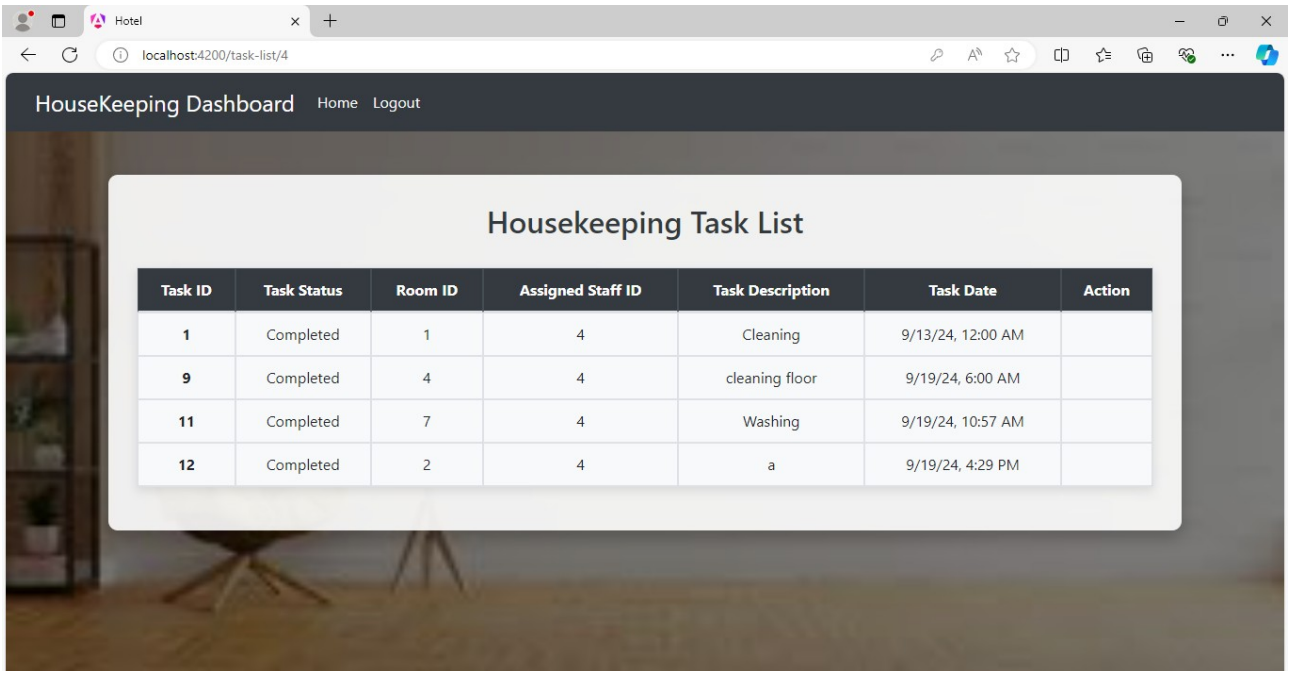
List of Payments:



Guest Management:



If Particular HouseKeeping staff login:



It see only task assigned for him: