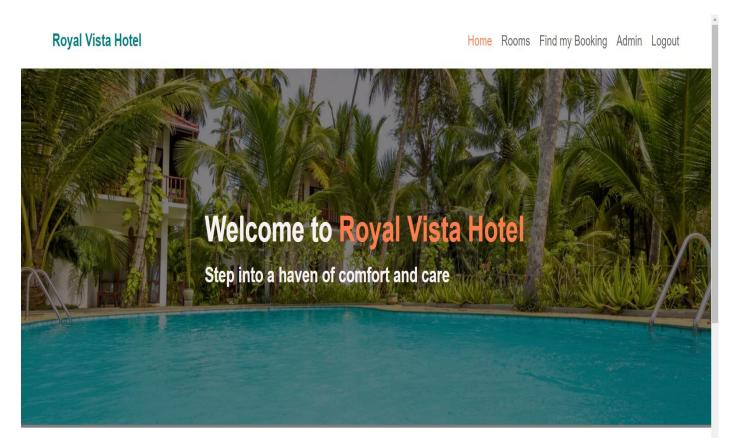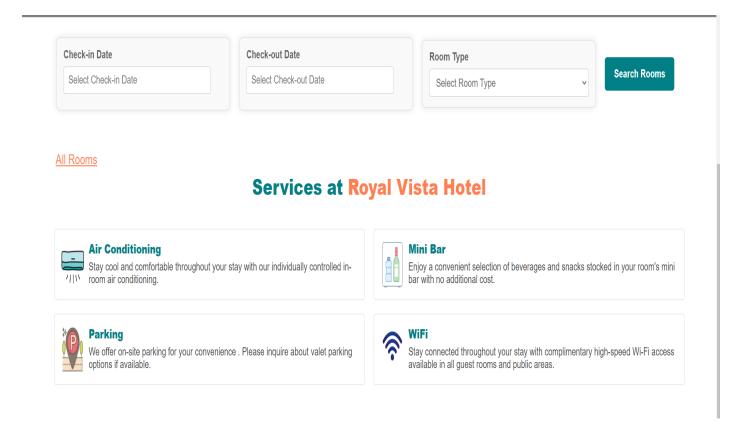# Hotel Booking and Management Platform

Introduction

The Hotel Booking and Management Platform is a comprehensive solution designed to streamline the process of booking hotel rooms and managing hotel operations. This platform is user-friendly and provides a seamless experience for both guests and hotel administrators. The main features include room search, booking management, and administrative functionalities.
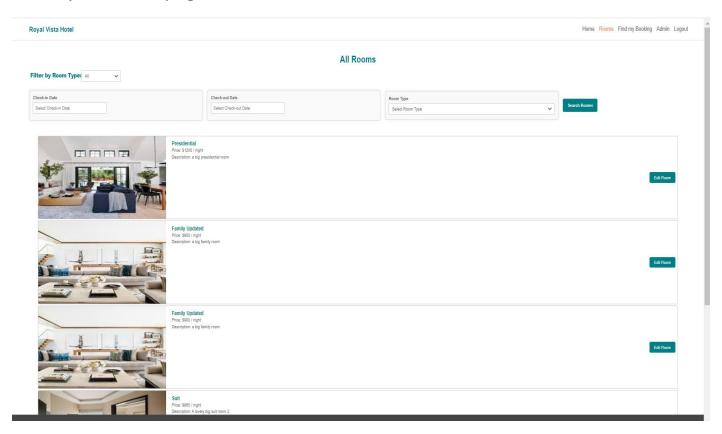
Features

1. Home Page

The home page serves as the entry point for users, allowing them to search for available rooms and view the facilities offered. It provides an intuitive interface to quickly find the desired room type and check availability.

Check-in Date

Select Check-in Date

Check-out Date

Select Check-out Date

Room Type

Select Room Type

Search Rooms

All Rooms

Services at Royal Vista Hotel

Air Conditioning
Stay cool and comfortable throughout your stay with our individually controlled in-room air conditioning.

Mini Bar
Enjoy a convenient selection of beverages and snacks stocked in your room's mini bar with no additional cost.

Parking
We offer on-site parking for your convenience . Please inquire about valet parking options if available.

WiFi
Stay connected throughout your stay with complimentary high-speed Wi-Fi access available in all guest rooms and public areas.
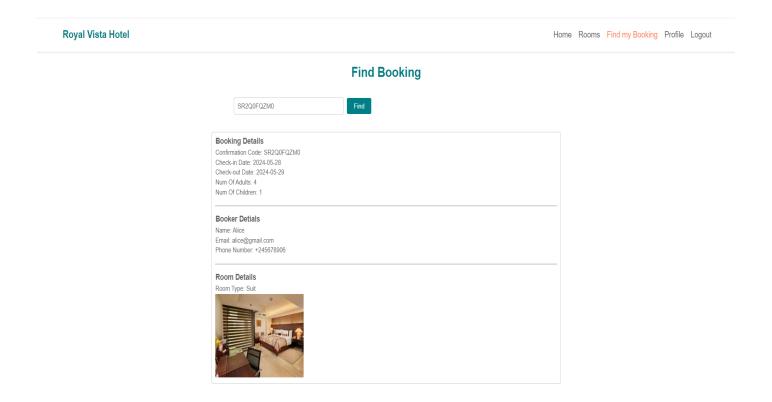
2. Room Page

The room page provides detailed information about the various types of rooms available, including check-in and check-out details. Users can easily book rooms directly from this page.

Royal Vista Hotel   Home Rooms Find my Booking Admin Logout

All Rooms

Filter by Room Type: All

Check-in Date
Select Check-in Date

Check-out Date
Select Check-out Date

Room Type
Select Room Type

Search Rooms

Presidential
Price: $1200 / night
Description: a big presidential room

Edit Room

Family Updated
Price: $900 / night
Description: a big family room

Edit Room

Family Updated
Price: $900 / night
Description: a big family room

Edit Room

Suit
Price: $650 / night
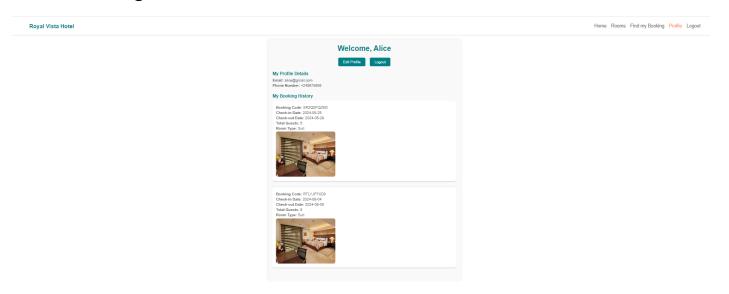Description: A lovely big suit room 2

3. Find My Booking

This feature allows users to find their booking details using a confirmation code. It is designed to provide quick access to booking information, making it easy for users to retrieve their reservations.
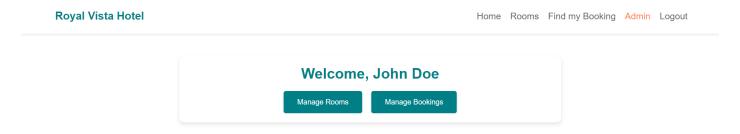

4. User Profile

Users can view their own profile and booking history. This section provides a personalized experience, showing all past and upcoming bookings and allowing users to manage their reservations.
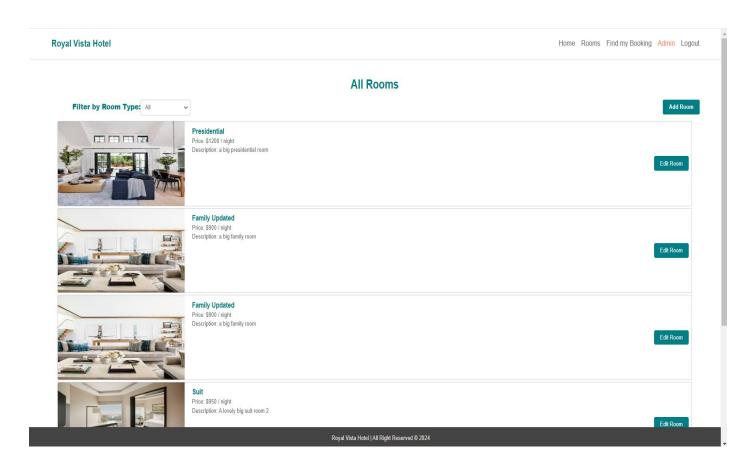
5. Admin Management

Admins have access to a special section where they can manage both rooms and bookings. This includes adding, editing, and removing rooms, as well as handling all aspects of bookings.
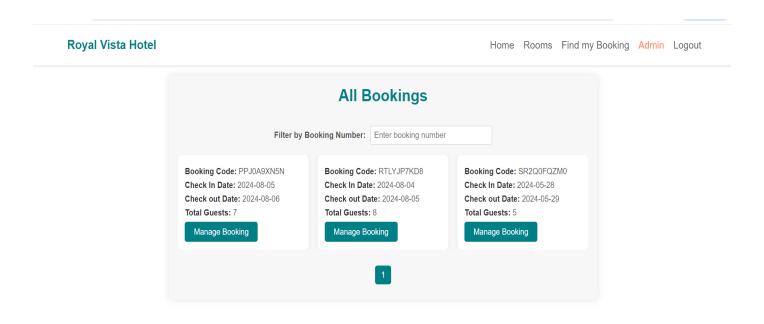
Royal Vista Hotel   Home   Rooms   Find my Booking   Admin   Logout

Welcome, John Doe

[Manage Rooms]   [Manage Bookings]

Manage Rooms:

Royal Vista Hotel   Home   Rooms   Find my Booking   Admin   Logout

All Rooms

Filter by Room Type: [All ▾]   [Add Room]

Presidential
Price: $1200 / night
Description: a big presidential room
[Edit Room]

Family Updated
Price: $900 / night
Description: a big family room
[Edit Room]

Family Updated
Price: $900 / night
Description: a big family room
[Edit Room]

Suit
Price: $950 / night
Description: A lovely big suit room 2
[Edit Room]

Manage Bookings:

All Bookings

Filter by Booking Number: [Enter booking number]

Booking Code: PPJ0A9XN5N
Check In Date: 2024-08-05
Check out Date: 2024-08-06
Total Guests: 7
[Manage Booking]

Booking Code: RTLYJP7KD8
Check In Date: 2024-08-04
Check out Date: 2024-08-05
Total Guests: 8
[Manage Booking]

Booking Code: SR2Q0FQZM0
Check In Date: 2024-05-28
Check out Date: 2024-05-29
Total Guests: 5
[Manage Booking]

1

Technologies Used :-

Frontend: ReactJS, HTML, CSS, JavaScript

Backend: Java, Spring Boot

Database: MySQL

Frameworks: Hibernate ORM for database interaction

APIs: RESTful APIs for communication between frontend and backend

Storage: AWS S3 for storage

Conclusion

The Hotel Booking and Management Platform is a robust solution designed to enhance the guest experience while simplifying administrative tasks. By providing a user-friendly interface and comprehensive features, it ensures efficient booking and management processes for hotels. This platform can be easily customized and scaled to meet the needs of different hotel operations.