

# PROJECT PRESENTATION

PROJECT TITLE – COZY HAVEN

PROJECT DONE BY – RAMYA R

TRAINER NAME – JAVEED MOHAMMED HUSNUDDIN

# DESCRIPTION

- In my project there are 3 main modules – User, Hotelowner, Admin.
- This Project was mainly focused to give services for User to book their comfort Rooms and he/she can check their reservation history and also he/she can cancel their bookings and request for refund by submitting the reason for refund.
- Hotelowner can manage refund request he/she can approve or reject refund request and also he/she can add new rooms, edit existing rooms and can delete existing rooms.
- Admin can manage users by searching a user by UserId and can view all users and similarly he/she can search owner and can view all available owners and he can view all the reservations done by users and he/she is responsible for adding new hotel, and can edit and delete existing hotels.

# TECHNOLOGIES USED

- For Backend part I have used technologies like Core Java, Spring Boot, Spring Data JPA, Spring Security, Spring web
- For Frontend part I have used technologies like HTML, CSS, Typescript, Angular, Bootstrap
- For DataBase part I have used MySQL.
- For Testing I have done Unit Testing for Backend and used tools like Postman and Swagger.
- For deployment of my project I have used Docker

# OUTPUT SCREENSHOTS

The screenshot shows a web browser window for 'localhost:4200'. The page features a large banner image of a tropical beach at sunset with palm trees. In the top left corner of the banner, there's a circular logo with 'GO' and 'HowLife' text. The top right corner has 'Login' and 'Create Account' buttons. The main heading 'Welcome to Cozy Haven' is centered in a large, serif font, with the subtitle 'Your perfect stay is just a click away!' below it. A call-to-action button 'Explore Our Hotels' is positioned in the center of the banner. Below the banner, there are three smaller images showing different hotel rooms: a bedroom with a wooden panel wall, a modern room with a large window overlooking a city, and a bright room with a king-size bed and a balcony.

localhost:4200

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps

Cozy Haven

Welcome to Cozy Haven

Your perfect stay is just a click away!

Login Create Account

Explore Our Hotels

Port favorites

Gmail

Play

Inbox (5,595) - balaj...

WhatsApp

Maps

Other

## Create Account

First Name

Last Name

Email

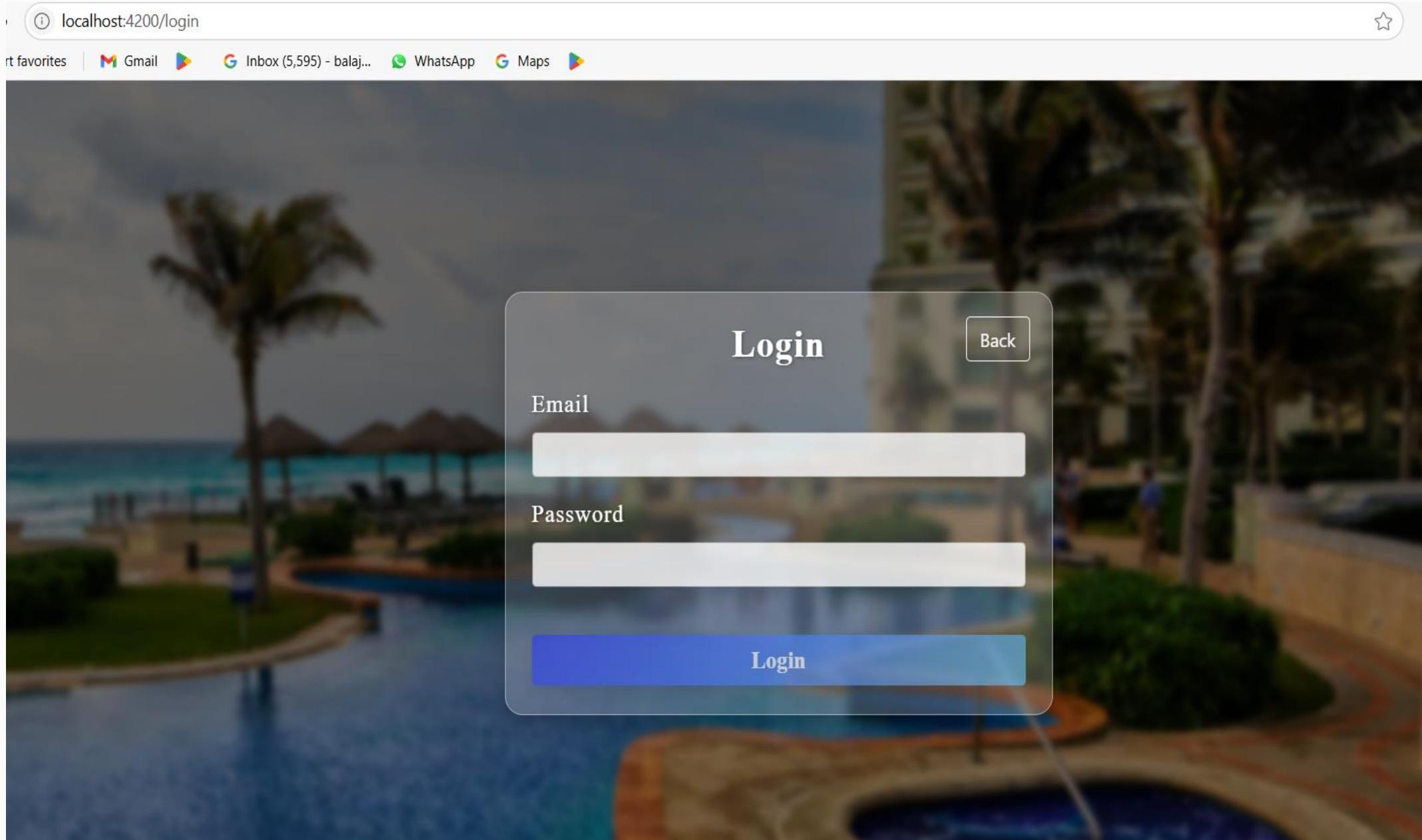
Password

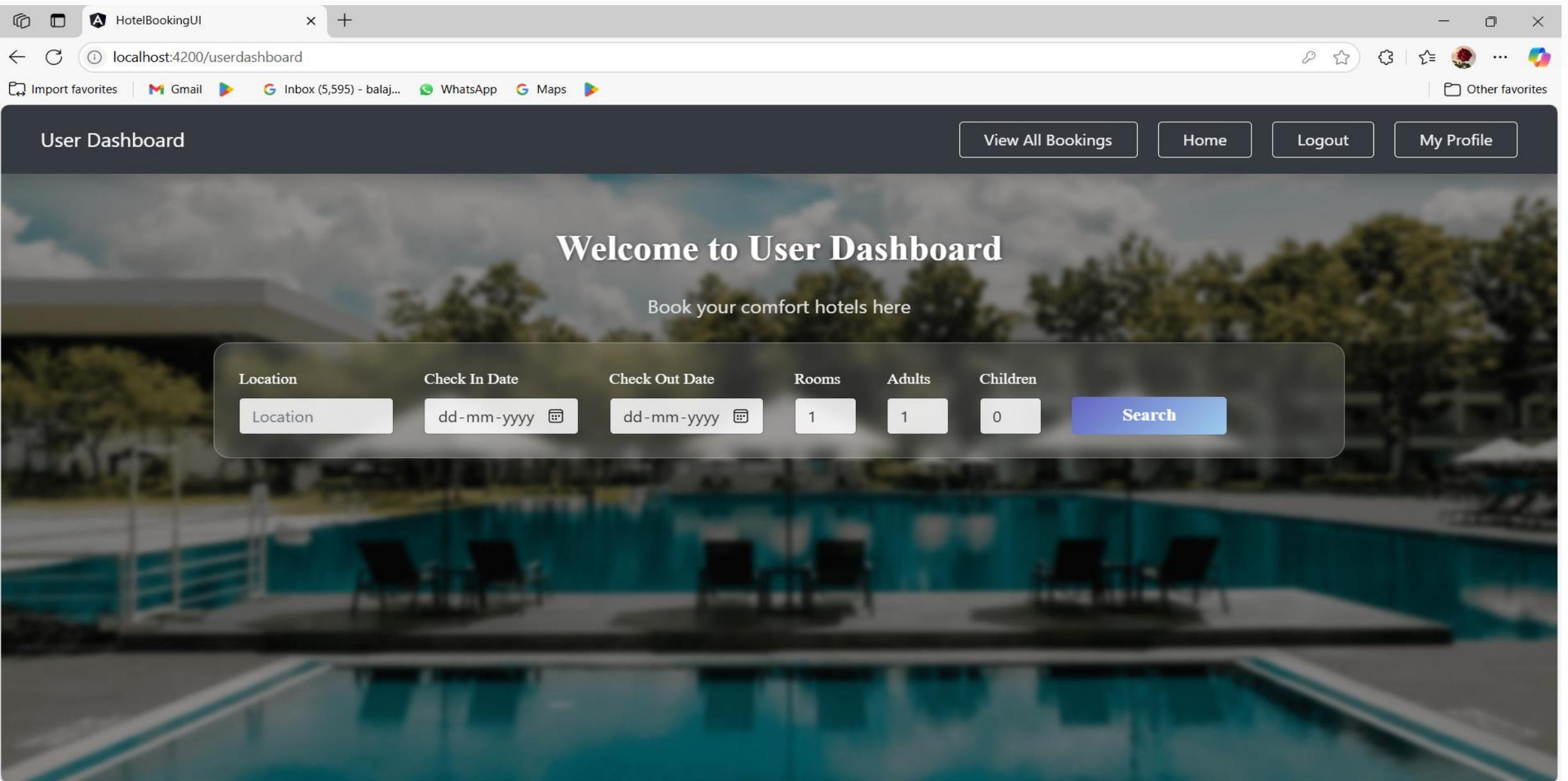
Contact Number

Address

Role

**Register** **Login**





A screenshot of a web browser window titled "HotelBookingUI" showing the "User Dashboard". The URL in the address bar is "localhost:4200/userdashboard". The dashboard features a header with "User Dashboard" on the left and navigation links "View All Bookings", "Home", "Logout", and "My Profile" on the right. Below the header is a large banner with the text "Welcome to User Dashboard" and "Book your comfort hotels here". A search form is overlaid on the banner, containing fields for "Location" (with placeholder "Location"), "Check In Date" (with placeholder "dd-mm-yyyy" and a calendar icon), "Check Out Date" (with placeholder "dd-mm-yyyy" and a calendar icon), "Rooms" (set to 1), "Adults" (set to 1), "Children" (set to 0), and a blue "Search" button.

HotelBookingUI

localhost:4200/viewbookings

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps | Other favorites

## Your Reservations

Back

User ID	Hotel ID	Room ID	Check-In	Check-Out	Adults	Children	Total Price	Status	Payment ID	Refund Status	Cancel Booking	Request Refund	Review Section
3702	3402	2903	2025-06-27	2025-06-30	2	0	6500	CANCELLED	852	REJECTED	<button>Cancel</button>	<button>Refund Request</button>	<button>Add Review</button>
3702	807	2755	2025-06-28	2025-06-29	2	0	6300	REFUNDED	952	APPROVED	<button>Cancel</button>	<button>Refund Request</button>	<button>Add Review</button>
3702	807	3203	2025-06-27	2025-06-28	2	1	21000	REFUNDED	1002	APPROVED	<button>Cancel</button>	<button>Refund Request</button>	<button>Add Review</button>
3702	807	3203	2025-06-28	2025-06-29	2	1	21000	REFUNDED	1052	APPROVED	<button>Cancel</button>	<button>Refund Request</button>	<button>Add Review</button>
3702	807	3203	2025-06-27	2025-06-28	2	1	21000	CANCELLED	1053	REJECTED	<button>Cancel</button>	<button>Refund Request</button>	<button>Add Review</button>
3702	807	3203	2025-06-28	2025-06-30	2	1	21000	BOOKED	1054	N/A	<button>Cancel</button>	<button>Refund Request</button>	<button>Add Review</button>

6 38°C  
Mostly sunny

Search

File Explorer | Task View | WhatsApp | Edge | Google Chrome | Powerpoint | File Manager

14:46  
ENG IN  
21-06-2025

## Refund Request Form

Reservation ID

3104

User ID

3702

Refund Amount

21000

Refund Reason

Refund Date

2025-06-21

Refund Status

PENDING

Submit Refund

Back

Back

Kindly Leave your Review Here,It  
Matters a Lot!!

Hotel ID

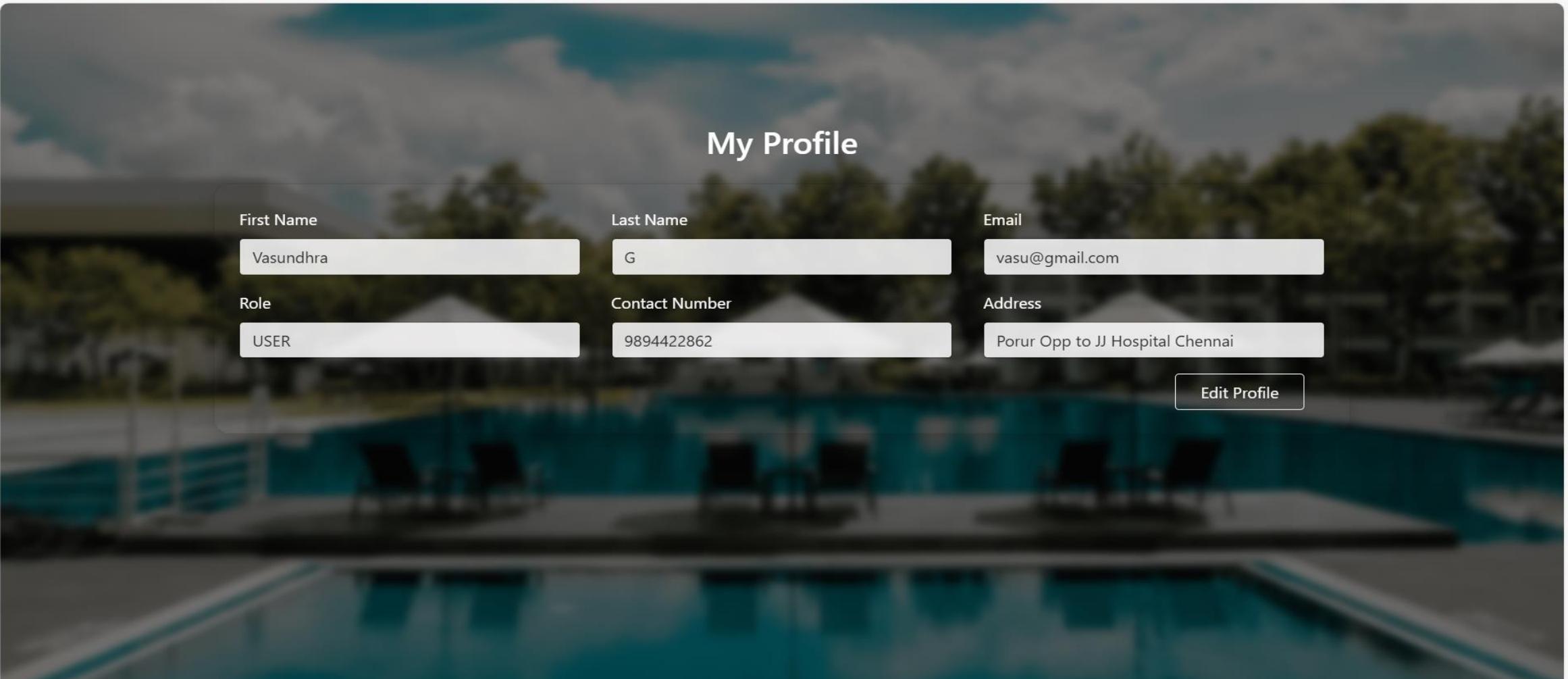
807

Rating (1 to 5)

0

Comment

Add Review



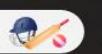
# My Profile

First Name	Last Name	Email
Vasundhra	G	vasu@gmail.com
Role	Contact Number	Address
USER	9894422862	Porur Opp to JJ Hospital Chennai

[Edit Profile](#)



Search



ENG

IN



14:47  
21-06-2025

# User Dashboard

View All Bookings    Home    Logout    My Profile

Location: Mumbai    Check In Date: 27-06-2025    Check Out Date: 28-06-2025    Rooms: 1    Adults: 2    Children: 1    Search

**Palm Leaf Hotel**  
ID: 807   Location: Mumbai   Address: Main Street   Contact: 9876543210  
**Description:** Beachside hotel with good Infrastructure   **Amenities:** Wifi,Dining,Parking,Food Service

[View All Rooms](#)



**Ugadi Stay**  
ID: 3452   Location: Mumbai   Address: Chennai Central   Contact: 9894422862  
**Description:** Good Customer Service   **Amenities:** Wifi,Dining

[View All Rooms](#)



38°C  
Mostly sunny

Search



ENG  
IN



14:47  
21-06-2025

## List of Rooms for Selected Hotel

Back

Available Rooms

AC Rooms

Base Fare

Apply

Apply

Clear Filters

Room ID: 2755

Size: Bed Type: SINGLE Base Fare: ₹4500 Max Persons: 2 AC Room Available

Calculate Total Fare

Book Room



Room ID: 2953

Size: Bed Type: DOUBLE Base Fare: ₹34500 Max Persons: 4 Non AC Room

Not Available

Calculate Total Fare

Book Room



Room ID: 3052



## Book your Room Here

Check-In Date

Check-Out Date

Number of Adults

Number of Children

Hotel ID

Room ID

User ID

Total Price

Status

Payment ID

Confirm Reservation

Do Payment

Back

## Do Payment Here

Payment Date

21-06-2025

Amount

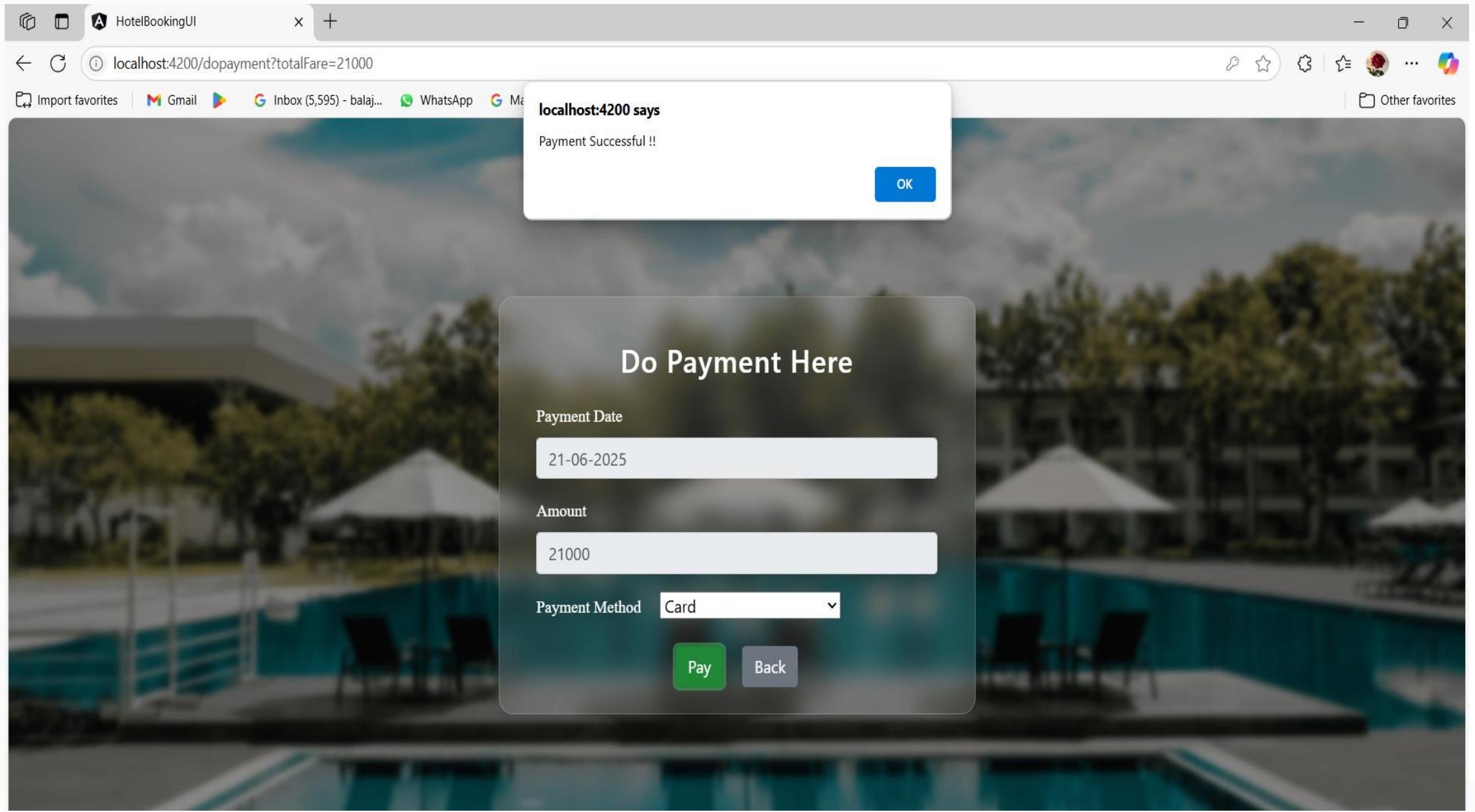
21000

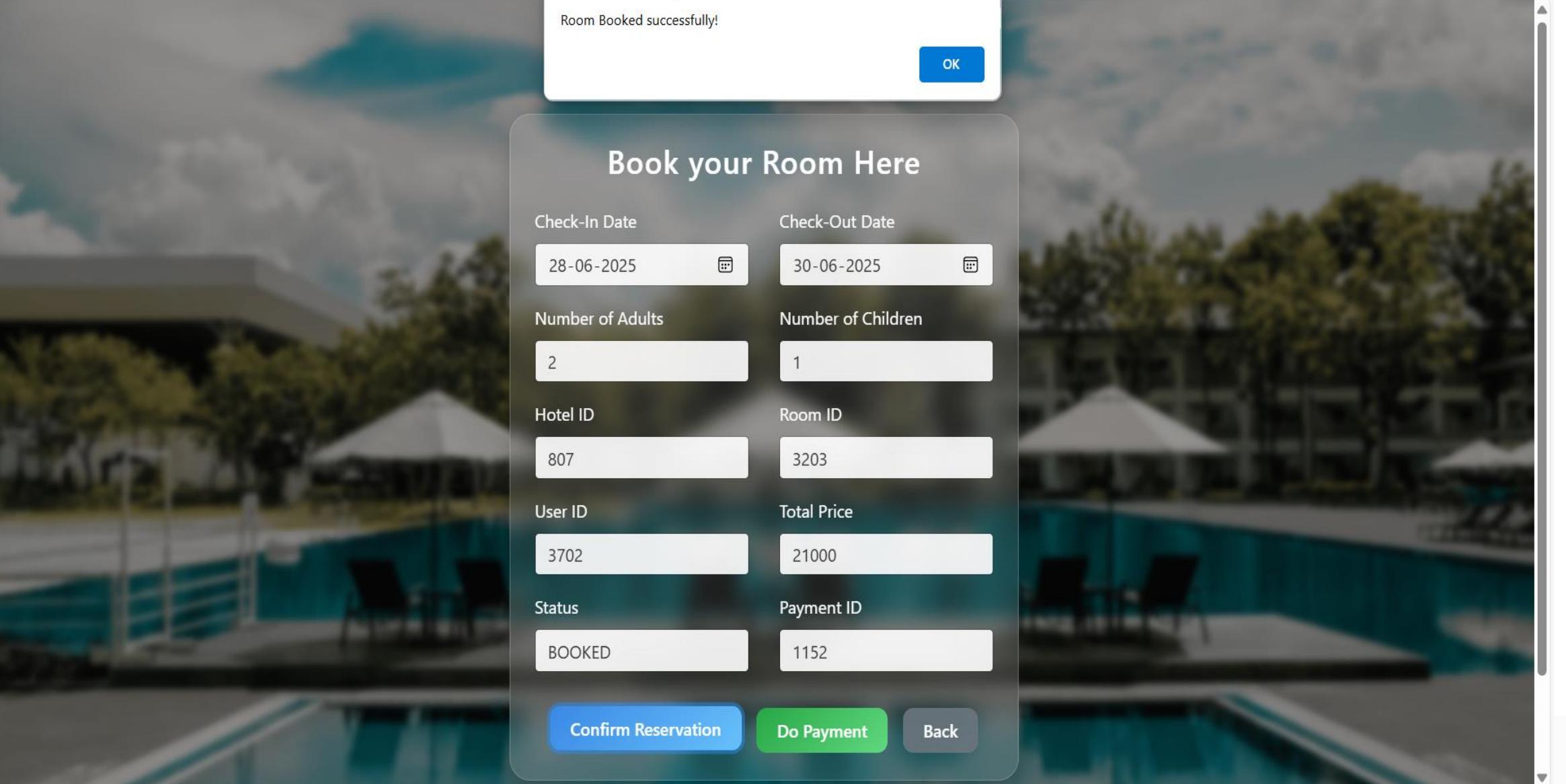
Payment Method

Select Payment Method ▾

Pay

Back





A screenshot of a web browser window titled "HotelBookingUI". The URL in the address bar is "localhost:4200/roombooking". The main content of the page is a modal dialog titled "Book your Room Here" showing room booking details. A success message "Room Booked successfully!" is displayed in a separate alert box.

**localhost:4200 says**

Room Booked successfully!

**OK**

**Book your Room Here**

Check-In Date	Check-Out Date
28-06-2025	30-06-2025

Number of Adults	Number of Children
2	1

Hotel ID	Room ID
807	3203

User ID	Total Price
3702	21000

Status	Payment ID
BOOKED	1152

**Confirm Reservation** **Do Payment** **Back**

HotelBookingUI

localhost:4200/admindashboard

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps | Other favorites

Admin Dashboard Manage Users ▾ Manage Owners ▾ Manage Hotels Manage Reservations ▾ Back LogOut

### All Registered Users

User ID	First Name	Last Name	Email	Contact	Address	Role	Action
902	Ramya	Ravi	ramya@example.com	9876543210	123, MG Road, Chennai	USER	Delete
2253	Jeeva	Sri	jeeva@gmail.com	9894422862	Villapuram Theni	USER	Delete
3702	Vasundhra	G	vasu@gmail.com	9894422862	Porur Opp to JJ Hospital Chennai	USER	Delete
3752	Jeevitha	R	jeevi@gmail.com	9894422862	Porur Chennai	USER	Delete

HotelBookingUI

localhost:4200/userbyadmin

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps |

Other favorites

### Search User by ID

User ID

3752

Search Back

User ID	First Name	Last Name	Email	Contact	Address	Role	Action
3752	Jeewitha	R	jeevi@gmail.com	9894422862	Porur Chennai	USER	Delete

6 38°C  
Mostly sunny

Search

ENG IN

14:49 21-06-2025

localhost:4200/getallowners

### All Registered Hotel Owners

Back

Owner ID	First Name	Last Name	Email	Contact	Address	Role	Action
1102	Kumar	Selvam	kumar@gmail.com	9876543210	123, MG Road, Chennai	HOTELOWNER	Delete
2302	Priya	lakshmi	priya@gmail.com	9894422862	Sri Nagar Chennai	HOTELOWNER	Delete
3252	keerthi	S	keerthi@gmail.com	6369679230	35/19C Bharathiyan Cross Street	HOTELOWNER	Delete
3703	Divya	Dharshini	divya.owner@gmail.com	6585254852	Bharathiyan street Madurai	HOTELOWNER	Delete

# Search Owner by ID

Owner ID

 Search Back

Owner ID	First Name	Last Name	Email	Contact	Address	Role
3703	Divya	Dharshini	divya.owner@gmail.com	6585254852	Bharathiyar street Madurai	HOTELOWNER

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Mostly sunny

Search

ENG IN 14:50  
21-06-2025

HotelBookingUI

localhost:4200/hotelsbyadmin

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps | Other favorites

Manage Hotels Add Hotel View All Hotels Back

## Add New Hotel

Hotel Name

Location

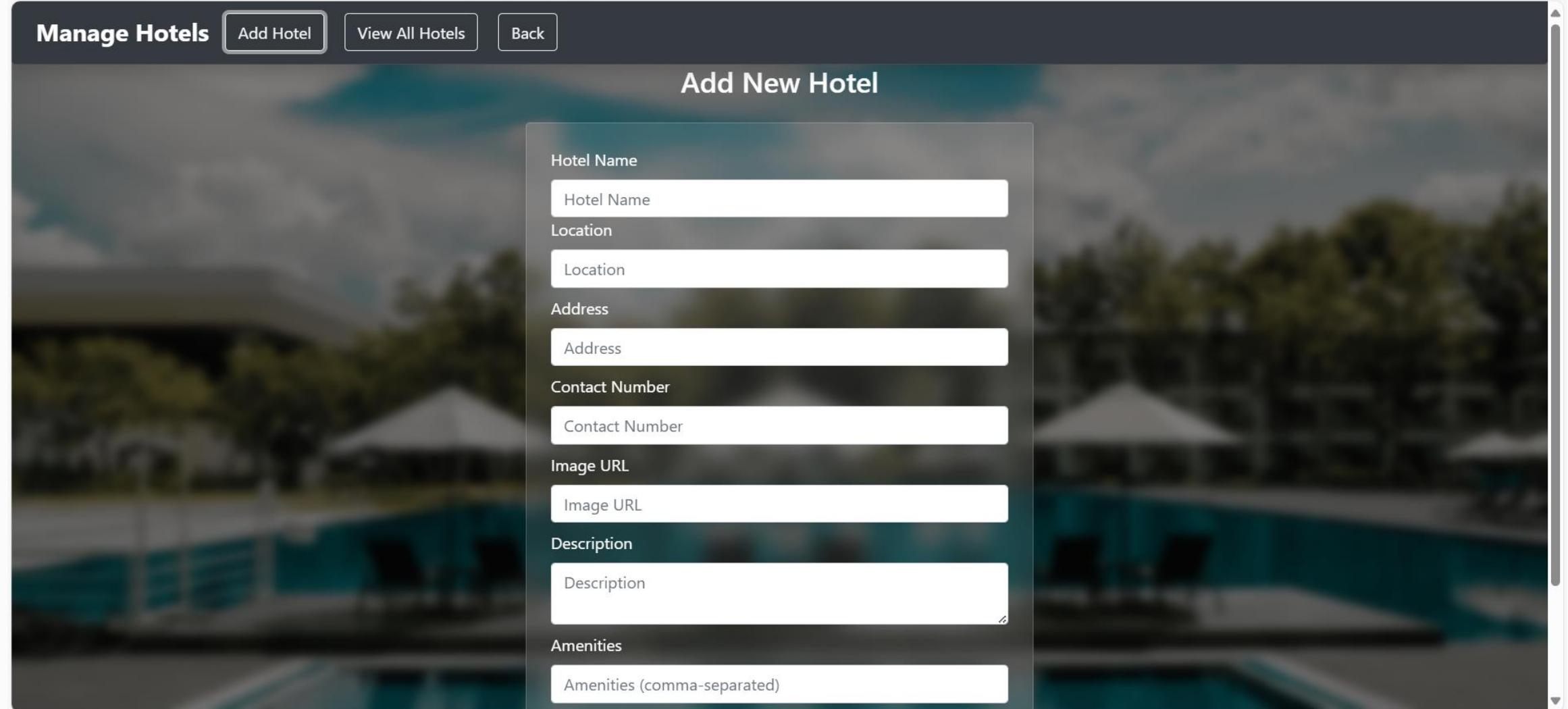
Address

Contact Number

Image URL

Description

Amenities



6 38°C  
Mostly sunny

Search

Cloudy icon

File icon

WhatsApp icon

VS Code icon

Google Sheets icon

Google Chrome icon

PowerShell icon

System tray icons: ENG IN, WiFi, battery, date/time

List of Hotels							
ID	Name	Location	Contact	Amenities	Image URL	Actions	
807	Palm Leaf Hotel	Mumbai	9876543210	Wifi,Dining,Parking,Food Service	/assets/Presidenthotel.jpg	<button>Edit</button>	<button>Delete</button>
2552	Grand Tower	Chennai	6369679230	Wifi,Gym,Dining,Food Service	/assets/grandtower.jpg	<button>Edit</button>	<button>Delete</button>
3402	Chennai Comfort Inn	Chennai	9876543210	Wifi,Gym,Dining	/assets/countryInn.jpeg	<button>Edit</button>	<button>Delete</button>
3403	Jaguar Stay	Chennai	9856475210	Wifi,Gym,Dining,Parking,Swimming Pool	/assets/jaguar.jpg	<button>Edit</button>	<button>Delete</button>
3452	Ugadi Stay	Mumbai	9894422862	Wifi,Dining	/assets/jaguar.jpg	<button>Edit</button>	<button>Delete</button>
3454	Grand Palace Hotel	Bangalore	9876543210	Wifi,Gym,Spa,Swimming Pool,Parking,Restaurant	/assets/tajhotel.jpg	<button>Edit</button>	<button>Delete</button>
3502	Royal Court	Bangalore	9876543210	Wifi,Gym,Spa,Swimming Pool,Parking,Restaurant	/assets/royalcourt.jpg	<button>Edit</button>	<button>Delete</button>
3652	President Stay	Madurai	7876543452	Free Wifi,Dining,Food Service,RoomService,Swimming Pool	/assets/Presidenthotel.jpg	<button>Edit</button>	<button>Delete</button>

HotelBookingUI

localhost:4200/adminreservation

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps | Back

## All Reservations

Reservation ID	Check-In Date	Check-Out Date	Adults	Children	Total Fare	Status	User ID	Hotel ID	Room ID	Payment ID
3002	2025-06-28	2025-06-29	2	0	6300	REFUNDED	3702	807	2755	952
3052	2025-06-27	2025-06-28	2	1	21000	REFUNDED	3702	807	3203	1002
3102	2025-06-28	2025-06-29	2	1	21000	REFUNDED	3702	807	3203	1052
3103	2025-06-27	2025-06-28	2	1	21000	CANCELLED	3702	807	3203	1053
3104	2025-06-28	2025-06-30	2	1	21000	BOOKED	3702	807	3203	1054
3303	2025-06-28	2025-06-30	2	1	21000	BOOKED	3702	807	3203	1152
2902	2025-06-27	2025-06-30	2	0	6500	CANCELLED	3702	3402	2903	852
2952	2025-07-04	2025-07-07	1	0	11500	BOOKED	3752	3403	3002	902

HotelBookingUI

localhost:4200/ownerdashboard

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps

LogOut | My Profile

## Add New Room

Room Size

Bed Type

Base Fare

Max Persons

Is AC Yes

Is Available Yes

Hotel ID

Image URL

6 38°C  
Mostly sunny

Search

14:50  
ENG IN  
21-06-2025

HotelBookingUI

localhost:4200/ownerdashboard

Import favorites | Gmail | Inbox (5,595) - balaj... | WhatsApp | Maps

List of Rooms

Room ID	Room Size	Bed Type	Base Fare	Max Persons	Is AC	Is Available	Hotel ID	Image URL	Actions	
2755	47	SINGLE	4500	2	Yes	Yes	807	/assets/singleroom.png	Edit	Delete
2802	78	SINGLE	300	2	Yes	Yes	2552	/assets/singleroom.png	Edit	Delete
2852	78	SINGLE	300	2	Yes	Yes	2552	/assets/singleroom.png	Edit	Delete
2903	55	DOUBLE	6500	4	Yes	No	3402	/assets/doublecountry.jpg	Edit	Delete
2904	40	SINGLE	4500	2	No	Yes	3402	/assets/singlecountry.jpg	Edit	Delete
2953	78	DOUBLE	34500	4	No	No	807	/assets/doublecountry.jpg	Edit	Delete
3002	78	DOUBLE	11500	4	No	No	3403	/assets/doublecountry.jpg	Edit	Delete
3052	100	KING	15000	6	No	No	807	/assets/jaguar.jpg	Edit	Delete
3203	90	DOUBLE	15000	4	Yes	Yes	807	/assets/doubleroom.png	Edit	Delete
3204	100	KING	8000	6	Yes	Yes	807	/assets/jaguar.jpg	Edit	Delete
3252	80	DOUBLE	7800	4	Yes	Yes	3402	/assets/doubleroom.png	Edit	Delete

Refund Requests								
Refund ID	User ID	Reservation ID	Amount	Reason	Date	Status	Actions	
1			1500	Test refund reason	2025-05-29	REJECTED	<button>Approve</button>	<button>Reject</button>
502	3702	2902	0	Got Bad Reviews	2025-06-18	REJECTED	<button>Approve</button>	<button>Reject</button>
552	3702	3002	0	Not Available on that Date	2025-06-19	APPROVED	<button>Approve</button>	<button>Reject</button>
602	3702	3052	21000	I am Not Available on that Date so I want to cancel	2025-06-20	APPROVED	<button>Approve</button>	<button>Reject</button>
652	3702	3102	21000	Not Available on that Date	2025-06-20	APPROVED	<button>Approve</button>	<button>Reject</button>
653	3702	3103	21000	not avaiable	2025-06-20	REJECTED	<button>Approve</button>	<button>Reject</button>



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Containers

Images

Volumes

Builds

Models BETA

Docker Hub

Docker Scout

Extensions

## Images Give feedback

View and manage your local and Docker Hub images. [Learn more](#)**Local** Docker Hub repositories

1.3 GB / 1.3 GB in use 3 images

Last refresh: 1 second ago

Search



<input type="checkbox"/>	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	completedproject_cozyhaven-frontend	latest	7fc43e16b350	2 days ago	63.91 MB	
<input type="checkbox"/>	completedproject_cozyhaven-backend	latest	10b04ac791c1	2 days ago	468.12 MB	
<input type="checkbox"/>	mysql	8	8fbff951246a	2 months ago	776.62 MB	

Showing 3 items

## Walkthroughs



```
1 FROM node
2 RUN mkdir -p /app
3 WORKDIR /app
4 COPY package.json .
```

How do I run a container?

6 mins



Run Docker Hub images

5 mins

# SONARQUBE REPORTS

# AFTER CHANGES

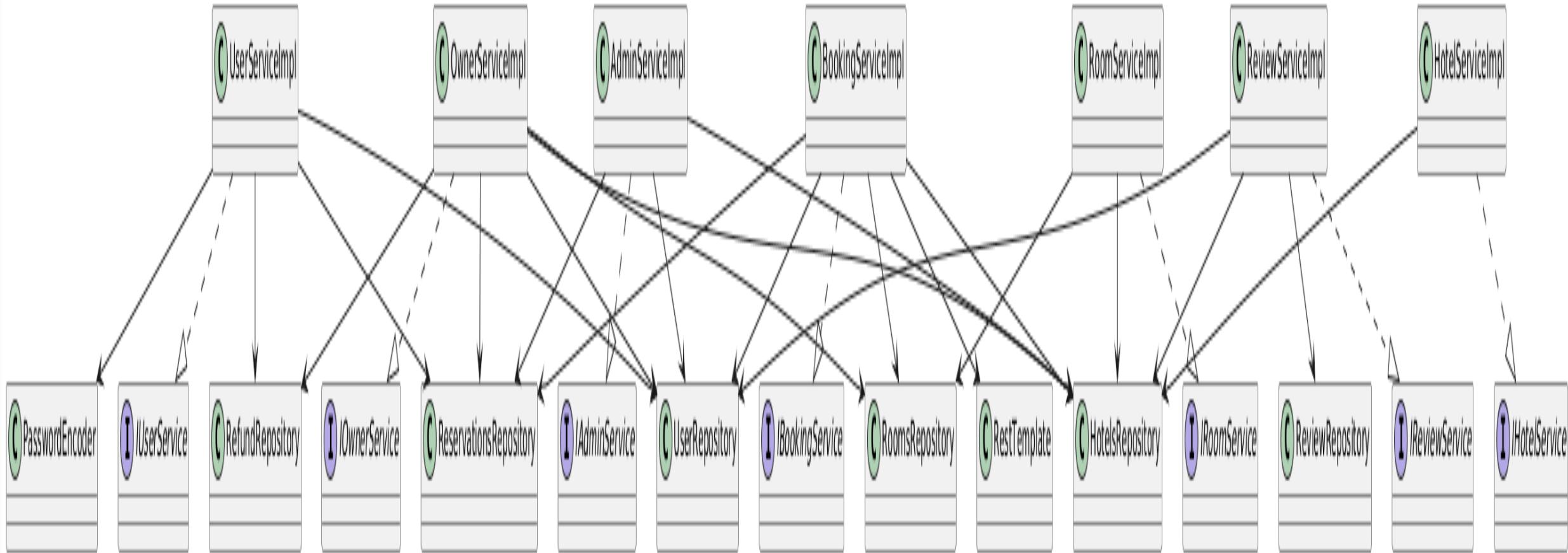
The screenshot shows the Spring Tools for Eclipse interface with the following details:

- File Bar:** Desktop - CozyHavenSpringBoot/src/main/java/com/hexaware/cozyhaven/entity/Rooms.java - Spring Tools for Eclipse
- Toolbars:** Standard Eclipse toolbars.
- Views:**
  - Package Explorer:** Shows the project structure with packages like admin\_microservice, BackendCodingChallenge, CozyHaven\_Rest\_JPA, cozyhaven\_uml, CozyHavenPayment\_MicroService, and CozyHavenSpringBoot.
  - IRoomService...**, **OwnerService**, **Javadoc**, **Console**, **Progress**, **SonarQube Report** (selected), and **SonarQube Issue Locations**.
  - Boot Dashboard**: Shows weather (9+ 31°C) and search fields.
- SonarQube Report View:** Displays the following code snippet from `Rooms.java` and a SonarQube warning message.

```
1 package com.hexaware.cozyhaven.entity;
2
3 import java.util.ArrayList;
4 import java.util.List;
5
6 import com.fasterxml.jackson.annotation.JsonProperty;
7 import com.fasterxml.jackson.annotation.JsonPropertyOrder;
8
9 import jakarta.persistence.Entity;
10 import jakarta.persistence.GeneratedValue;
11 import jakarta.persistence.GenerationType;
12 import jakarta.persistence.Id;
13 import jakarta.persistence.Table;
14 import jakarta.persistence.Column;
15 import jakarta.persistence.GeneratedValue;
16 import jakarta.persistence.GenerationType;
17 import jakarta.persistence.Id;
18 import jakarta.persistence.Table;
19 import jakarta.persistence.Column;
20 import jakarta.persistence.GeneratedValue;
21 import jakarta.persistence.GenerationType;
22 import jakarta.persistence.Id;
23 import jakarta.persistence.Table;
24 import jakarta.validation.constraints.NotEmpty;
25 import jakarta.validation.constraints.NotNull;
26 import jakarta.validation.constraints.Pattern;
27
28 @Entity
29 @Table(name = "rooms")
30 public class Rooms {
31
32     @Id
33     @GeneratedValue(strategy = GenerationType.IDENTITY)
34     private Integer roomNumber;
35
36     @Column(name = "room_type")
37     @NotNull(message = "Room type cannot be null")
38     private String roomType;
39
40     @Column(name = "beds")
41     @Pattern(regexp = "^[1-9][0-9]*$|^0$|^$")
42     private Integer beds;
43 }
```

- SonarQube - Secret(s) detected:** A message box indicates that SonarQube detected secrets in the open files of the project 'CozyHavenSpringBoot'.
- System Tray:** Shows weather (9+ 31°C), search, file explorer, messaging, browser, and other system icons.
- System Bar:** Shows ENG IN, battery level, signal strength, and the date/time (22-06-2025).

# CLASS DIAGRAM – SERVICE CLASSES



THANK YOU