

VIDHYADEEP INSTITUTE OF COMPUTER & INFORMATION TECHNOLOGY, ANITA-KIM



**VEER NARMAD SOUTH GUJARAT UNIVERSITY
(VNSGU)**

PROJECT REPORT

ON

“BUDGET SUITES”

AS A PARTIAL REQUIREMENT FOR THE DEGREE OF

BECHOLOR OF COMPUTER APPLICATION

[B.C.A]

Year :- 2023 – 2024

SUBMITTED BY :

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INTERNAL GUIDE :

Ms. Heena Patel

I/C Principal

Dr. Himanshu Patel



VIDHYADEEP INSTITUTE OF COMPUTER & INFORMATION TECHNOLOGY

CERTIFICATE

This is to certify that the project report, submitted for the project entitled “**Budget Suites**” has been carried out by “**Virag Bavadiya (E21110403000110004)**” at Vidhyadeep Institute of Computer & Information Technology, Kim for partial fulfilment of BCA degree to be awarded by Veer Narmad South Gujarat University for year 2023-2024. This project work has been carried out under my supervision and is to my satisfaction.

Place : ANITA, KIM

Date :

Internal Guide

Ms. Heena Patel

I/C Principal

Dr. Himanshu Patel



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CERTIFICATE

This is to certify that the project report, submitted for the project entitled “**Budget Suites**” has been carried out by “**Darshan Mangukiya (E21110403000110060)**” at Vidhyadeep Institute of Computer & Information Technology, Kim for partial fulfilment of BCA degree to be awarded by Veer Narmad South Gujarat University for year 2023-2024. This project work has been carried out under my supervision and is to my satisfaction.

Place : ANITA, KIM

Date :

Internal Guide

Ms. Heena Patel

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Dr. Himanshu Patel



**VIDHYADEEP
INSTITUTE OF COMPUTER &
INFORMATION TECHNOLOGY**

CERTIFICATE

This is to certify that the project report, submitted for the project entitled “**Budget Suites**” has been carried out by “**Yash Bhimani (E21110403000110011)**” at Vidhyadeep Institute of Computer & Information Technology, Kim for partial fulfilment of BCA degree to be awarded by Veer Narmad South Gujarat University for year 2023-2024. This project work has been carried out under my supervision and is to my satisfaction.

Place : ANITA, KIM

Date :

Internal Guide

Ms. Heena Patel

I/C Principal

Dr. Himanshu Patel

Project Title Report

To,

Vidhyadeep Institute of Computer &
Information Technology,
Anita-Kim.

Virag Bavadiya, Darshan Mangukiya, Yash Bhimani students of Vidhyadeep Institute of Computer & Information Technology have completed their project work on 'Budget Suites' under the guidance of Mrs. Heena Patel during the academic semester from January 2024 to April 2024.

Internal Guide

Ms. Heena Patel

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1. Introduction

1.1 Project Profile



Project Title	Budget Suites
Project Type	Web Application
Front End	React Js.
Back End	Nest Js.
Duration	3 Months
Internal Guide	Ms. Heena Patel
Submitted To	Vidhyadeep Institute of Computer & Information Technology
Submitted By	Bavadiya Virag B. [6465] Mangukiya Darshan V. [6512] Bhimani Yash P. [6472]

1.2 Project Overview

Budget Suites is booking services for hotels. The main objective of the project is to create a Budget Suites that allows users to search and book a hotel online based on country, location, room, room types etc.

The selected hotels are displayed in a tabular format and the user can book their online reservation through credit card payment. Using this website the user can book a room instead of going out to a hotel and wasting time.

There are many Budget Suites like bookings, Untamed which were designed using Html. I want to develop similar website using Nest Js, MongoDB.

Budget Suites is an online web application where the customer can book hotel online.

Through a web browser the customers can search a hotel by its country, location, room and room type can add to the favourites and finally book through online payment.

The user can login using his account detail or new user can set up an account very quickly. They should give the details of their name, contact number, email id.

The user can also give feedback to a hotel by giving rating on a score of five. The hotels are divided into many categories based on subject like Software, Database, English And Architecture etc.

The Budget Suites website provides users with online booking through a web browser. A user can create, sign in to account, add hotels into a favourites list and booking by online payment methods.

The administrator will have additional functionalities when compared to the common user. He can add, delete and update hotel details, room type categories, user information and also confirm booking and also maintain services.

This application is developed using React Js, Nest Js programming language. The data sets, data grids, user control are used to develop the Budget Suites.

2. System Environment

2.1 Project Description

Memory 1GB

Hard Disk 10GB

2.2 Software Requirements

Back End MongoDB Server 1.42.1

Front End Google Chrome

O.S. Windows 10

Software Visual Studio Code Editor 2010

3. Problem Specification

3.1 Introduction, Objective, Purpose

- It is Difficult to manage E-commerce site so we created the website that can be easily managed by admin and user.
- It is complicated to manage all functionalities so here admin can able to view all function easily like searching, booking etc..
- Using Budget Suites the user can see and also book hotel online.
- User can apply booking Budget Suites and book hotel from website.

3.2 System Model

In Development of software the working model plays important role that is “prototype working model”. Prototype is considered as a development methodology. It is an engineering inspired approach to system development. In which development life cycle the working model of the proposed system is created, tested and reworked until a finally prototype working model is available and by using finally prototype working model one can develop a new system.

3.3 Prototype Model

In this prototype model before designing phase, a prototype is developed, tested, reviewed and approved by the customer, after that design will be ready for coding, testing, installation and maintenance will take place. This prototype is prepared based on the user requirements. Prototype testing checking for the required components are present or not. By using this prototype, customer can understand the requirement of desired system and also the user can get an “actual feel” of the system. It is an attractive idea for complex and bigger system.

3.4 Feasibility Study

This system is feasible to adapt to any E-commerce website for Booking. It will take some resources for running the system. User can book the hotel.

Feasibility study included following terms

3.4.1 Behaviour Feasibility :

Budget Suites user-friendly interface for view the particular hotels and also provide the facility to view hotel. This website runs on maximum configuration.

3.4.2 Technical Feasibility :

The technical feasibility assessment is focused on gaining and understanding of the present technical resources of the E-commerce system and their applicability to the expected needs of the system.

3.4.3 Economical Feasibility :

In this project, we will require to have an internet connection for better online website. Such at the developer end it needs the good server with high capacity of RAM and CPU processor so can it can handle lots of members at time online communications but as it will be web-enabled we do not have any extra cost of setting up a network.

4. Risk Identification and Management

4.1 Risk Monitoring

Risk :- Developer Inexperienced

With the development of the software, we have defined some Proactive risks before technical work initiated. This part of document includes the risk management step.

Risk :	Unrealistic Deadline
Probability :	70%
Description :	Because of the short duration and large application there is probability not to complete the project within deadline.
Contingency Plan:	From the starting day of the project, we have worked hard and very speedily to complete the project within deadline.

Risk :	Customer will change requirements
Probability :	60%
Description :	The customer will change the requirements very frequently as the project begins. So, we have probability not to complete the project as the customer required.
Contingency Plan:	From the past project, we have knowledge about it. So we interact with customer every time new work begins and conduct FTR & revise the work as the customer requires.

Technical Risk

➤ Language Difficulties

The Familiarity with the front-end language is illustrated in this risk.

➤ The reasons behind this risk are as follows :

The project is mandatory built on React Js. Platform. Since this language is new Programmers, the programmers might face some difficulties.

As no one from the programmer is partially familiar with this platform, some functionalities might not be considered in implementation or some functionalities might not be achieved completely.

➤ Specification ambiguity

The complexity of the requirements or inappropriate understanding is included in this risk.

➤ The reasons behind this risk are as follows :

The specification of this project is little profound and hard to identify.

➤ Technology Unknown

The risk is concerned with the unrealised technical conditions.

➤ The reasons behind this risk are as follows :

The platform we should be working on is client-server environment, which is an introduction to all of us.

The lack of conceptual implementation on this kind of environment is new.

5. Technology Used for Development

Front End : React JS with Nest JS

Back End : MongoDB 1.41.2

Documentation Tools : Microsoft Office Word 2021

Hardware : Hard disk 500GB, RAM 2 GB

Node.js

- Node.js is a cross-platform, open-source to write command line tools and for server-side scripting. The ability to run JavaScript code on the server is often used to generate dynamic web page content before the page is sent to the user's web browser.



- Node.js is an event driven architecture capable of asynchronous I/O. These design choices aim to optimize throughout and scalability in web application with many input/output operations as well as for real-time Web applications.

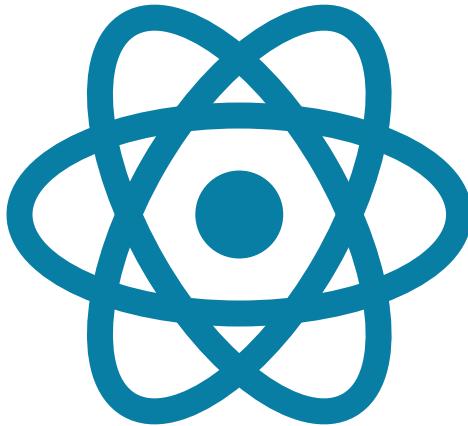
NPM (Node Package Manager)

- NPM is a package manager for the JavaScript programming language maintained by NPM, NPM is the default package manager for the JavaScript runtime environment Node.js and is included as a recommended features in the Node.js installer.
- It consists of a command line client, also called NPM, and an online database of public and paid-for private packages, called the NPM registry. The registry is accessed via the client, and the available packages can be browsed and searched via the NPM website. The package manager and the registry are managed by NPM.



React JS

- React JS is a free and open-source front-end JavaScript library for building user interfaces based on components. It is maintained by Meta (Facebook) and a community of individual developers and companies.



React

- React can be used to develop single-page, mobile, or server-rendered applications with frameworks like Next.js. Because React is only concerned with the user interface and rendering components to the DOM, React applications often rely on libraries for routing and other client-side functionality.
- A key advantage of React is that it only renders those parts of the page that have changed, avoiding unnecessary rendering of changed DOM element.

Nest JS

- Nest JS is a framework for building efficient, scalable Node.js server-side application. It uses progressive JavaScript, is built with and fully supports TypeScript and combines of OOP (Object Oriented Programming), FP (Functional Programming) and FRP (Functional Reactive Programming).



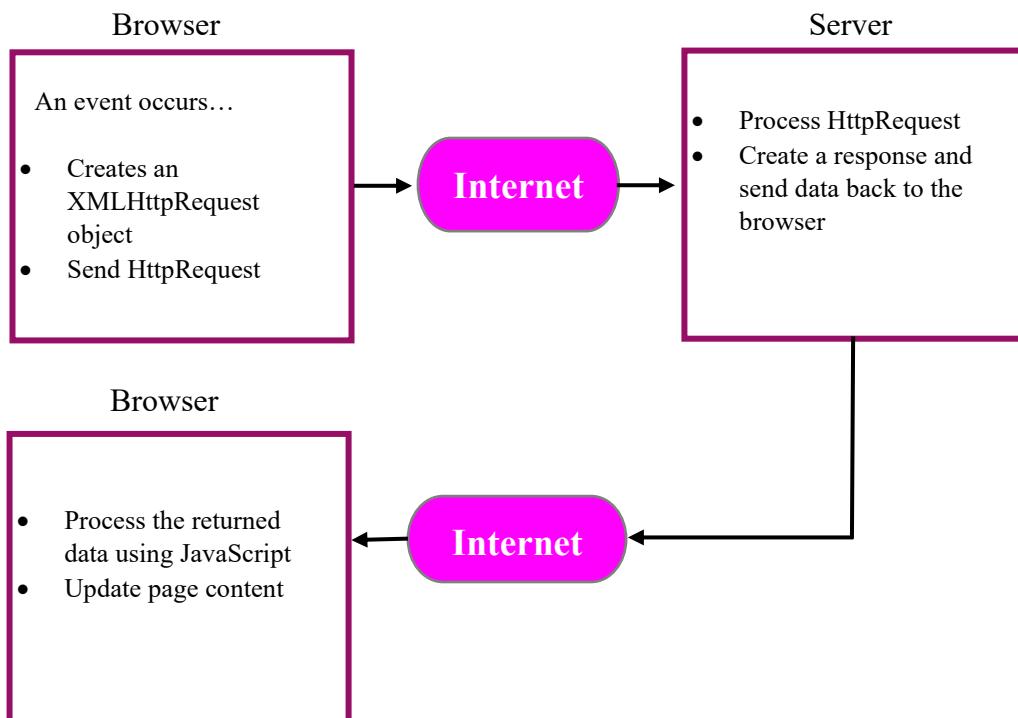
Nest JS

- Nest makes use of robust HTTP server framework like Express and optionally can be configured to use Fastify as well.
- Nest provides a level of abstraction above these common Node.js frameworks, but also exposes their APIs directly to the developer.
- This gives developers the freedom to use of third-party modules which are available for the underlying platform.

Ajax

AJAX = Asynchronous JavaScript and XML. AJAX is not a programming language. AJAX just uses a combination of :

- A browser built-in XMLHttpRequest object (to request data from a web server).
- JavaScript and HTML DOM (to display or use the data)



Java Script



JavaScript

JavaScript is a very powerful **client-side scripting language**. JavaScript is used mainly for enhancing the interaction of a user with the webpage. In other words, you can make your webpage more lively and interactive, with the help of JavaScript. JavaScript is also being used in game development and **Mobile** application development.

jQuery

jQuery is a lightweight, "write less, do more", and JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website.

jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.



jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

The jQuery library contains the following features:

- HTML / DOM manipulation
- CSS manipulation
- HTML event methods
- Effects and animations
- AJAX
- Utilities

Why jQuery?

There are lots of other JavaScript frameworks out there, but jQuery seems to be the most popular, and also the most extendable.

Many of the biggest companies on the Web use jQuery, such as:

- Google
- Microsoft
- IBM

MongoDB Collection



- MongoDB is a source-available, cross-platform, document-oriented database. Classified as a NoSQL database product, MongoDB utilizes JSON-like document with optional schemas. MongoDB is developed by MongoDB Inc., and current versions are license (SSPL). It's 5th most popular database engine.

Some Typical database administration and programming tasks could include:

- Create & maintain databases
- Create & maintain tables
- Create & maintain other database objects such as stored as stored procedures, views, etc.
- Create & maintain and schedule data backups
- Replication (e.g., create a copy of the database)
- Create & maintain users, roles, etc
- Optimization tasks

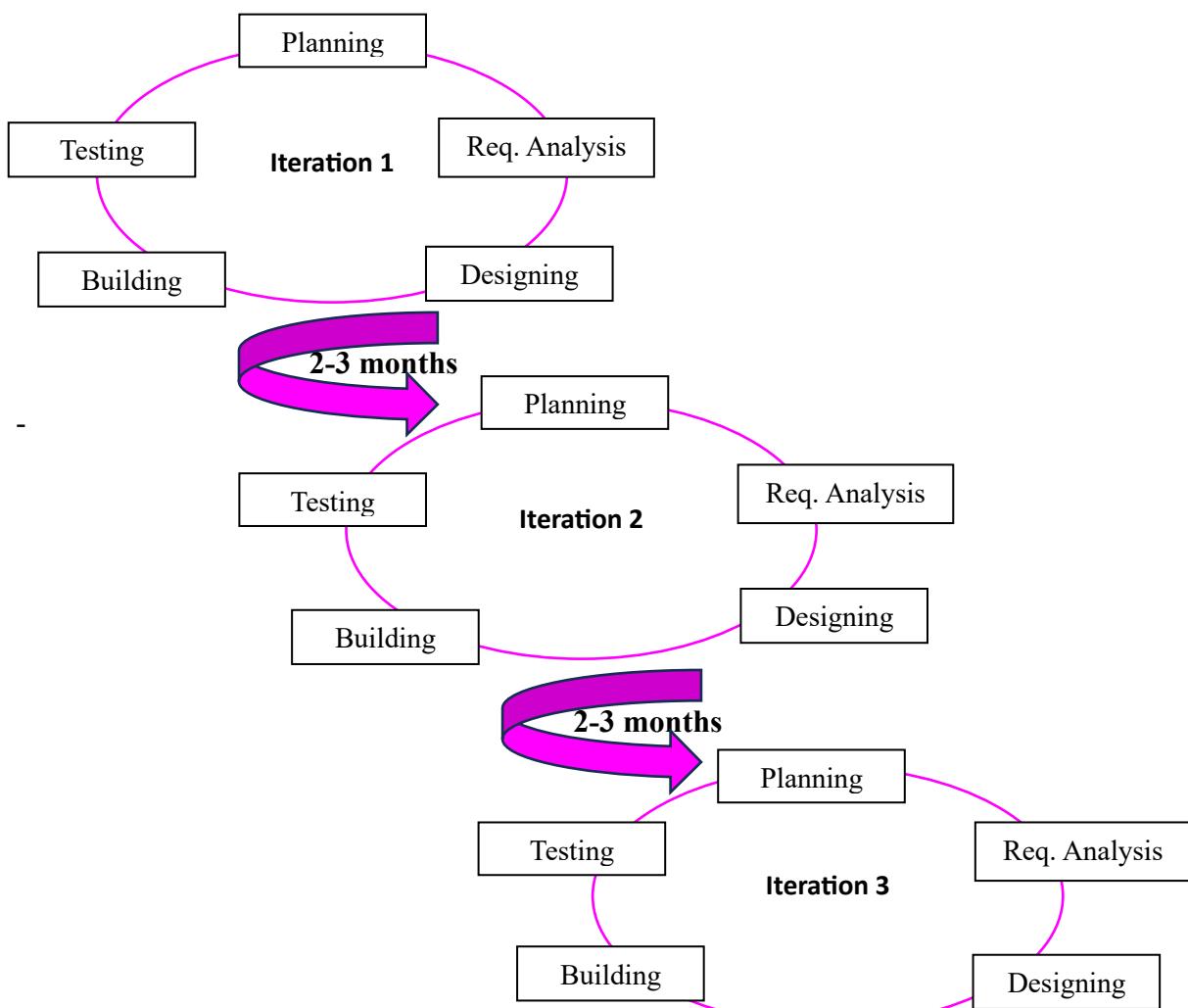
6. Planning

6.1 System planning

Agile model believes that every project needs to be handled differently and the existing methods need to be tailored to best suit the project requirements. In agile, tasks are divided to time boxes (small time frames) to deliver specific features for a release.

Iterative approach is taken and working software build is delivered after each iteration. Each build is incremental in terms of features; the final build holds all the features required by the customer.

Here is a graphical illustration of the Agile Model:



6.2 Time-line Chart

Once a project is found to be feasible, we undertook project planning. Project planning is undertaken and completed even before any development activity starts. The objective of project planning is to provide a framework that enables us to make reasonable estimates of resources, cost and schedule.

	Week 1				Week 2				Week 3				Week 4				
Learn React JS and Nest JS	█	█	█	█	█	█	█	█									
Perform CRUD in React JS						█	█	█	█	█	█	█					
Requirement Gathering									█	█	█	█					
Background study									█	█	█	█	█				
Database Creation									█	█	█	█	█	█			
Identification of End-Users									█	█	█	█	█	█	█	█	
Use case Diagrams									█	█	█	█					
Design Rough GUI										█	█	█					
UML Diagrams										█	█	█	█	█	█	█	
Admin side design start										█	█	█	█	█	█	█	
	Week 5				Week 6				Week 7				Week 8				
Back end start	█	█	█	█	█	█	█	█									
Basic functionalities implementation					█	█	█	█									
Prepare PPT & Partial Report					█	█	█	█									

7. System Analysis

7.1 Database Design

amenities	
<u>_id</u>	
amenities_name	
createdAt	
updatedAt	
isDeleted	
isActive	

bookings	
<u>_id</u>	
check_in	
check_out	
user_id	
hotel_id	
location_id	
country_id	
total_rooms	
total_children	
room_details	
user_details	
total_amount	
transaction_id	
payment_method	
payment_status	
booking_status	
checkout_url	
created_at	
updated_at	

countries	
<u>_id</u>	
country_code	
country_name	
createdAt	
updatedAt	
isDeleted	
isActive	
country_image	

offers	
<u>_id</u>	
offer_type	
offer_code	
offer_amount	
isOneTime	
createdAt	
updatedAt	
isDeleted	
isActive	
expired_on	

hotels	
<u>_id</u>	
location_id	
country_id	
hotel_name	
hotel_code	
createdAt	
updatedAt	
isDeleted	
isActive	
hotel_address	
total_rooms	
hotel_image	
roomTypes	
amenities	

roomtypes	
<u>_id</u>	
roomtype_name	
createdAt	
updatedAt	
isDeleted	
isActive	
max_adults	
max_children	

users	
<u>_id</u>	
fullname	
email	
password	
phone	
createdAt	
updatedAt	
isDeleted	
isActive	
profileImg	
userType	

Verificationcodes	
<u>_id</u>	
userId	
generationTime	
verificationCode	

rooms	
<u>_id</u>	
hotel_id	
room_type_id	
price	
total_rooms	
createdAt	
updatedAt	
isDeleted	
isActive	

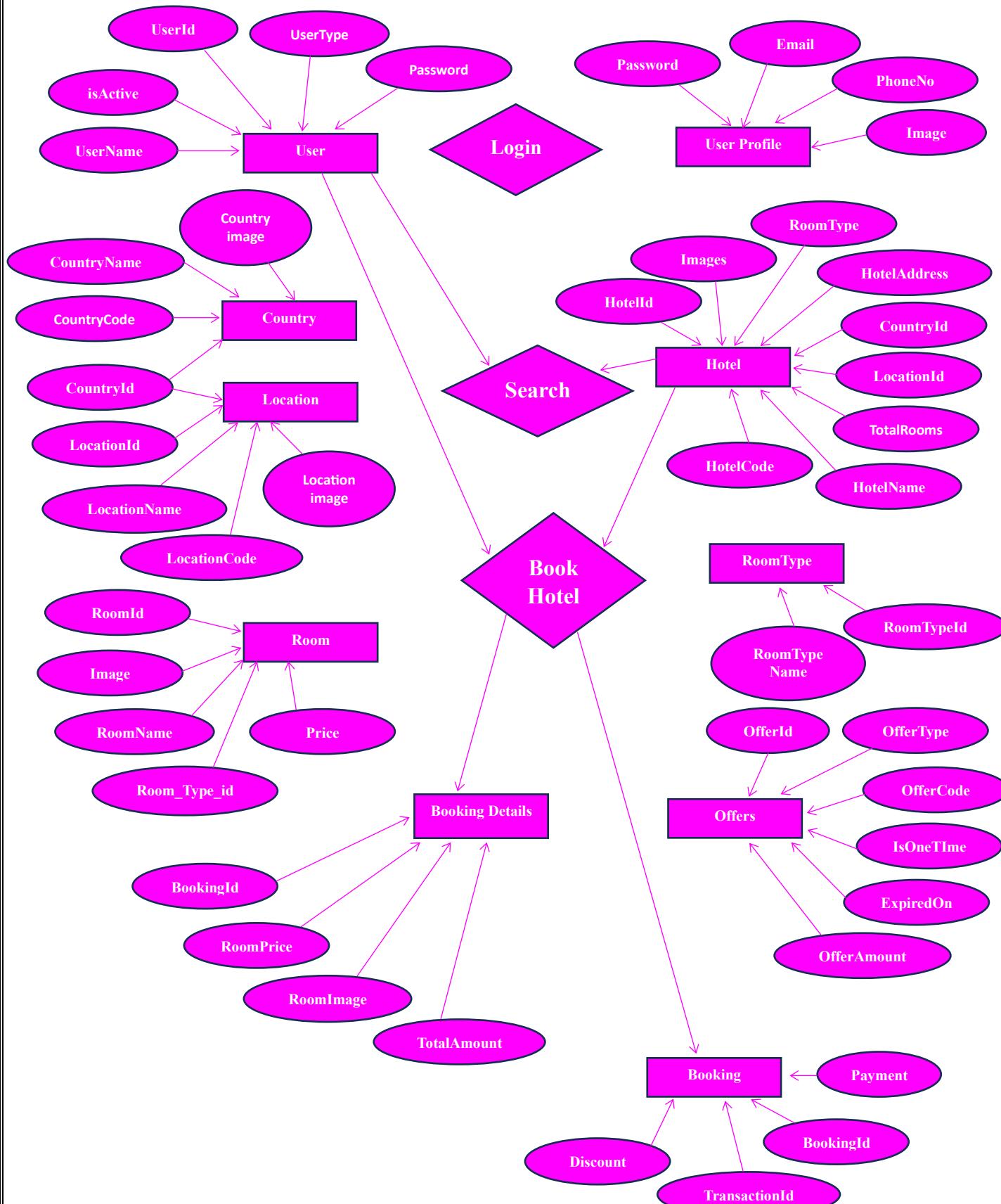
7.2 E-R Diagram

A database can be modelled as: “a collection of entities, relationship among entities.” An entity is an object that exist and is distinguishable from other objects. “Example: specific person, company, event, plant! Entities have attributes” Example: people have names and addresses! An entity set is a set of entities of the same type that share the same properties. “Example: set of all person, companies, tress, holidays.

A data model is a conceptual representation of the data structure that are required by a database. The first step in designing a database is to develop an Entity-Relation Diagram (ERD). The ERD serves as a blue print from which a relational database maybe deduced.

The ERD for the project and later we will show the transformation from ERD to the relational model.

Rectangle represents entity sets! Diamond represent relationship sets! Lines link attributes to entity sets and entity sets to relationship sets! Ellipses represent attributes! Double ellipses represent multivalve attributes! Dashed ellipses denote derived attributes! Underline indicates primary key attributes.



7.3 Data Flow Diagram

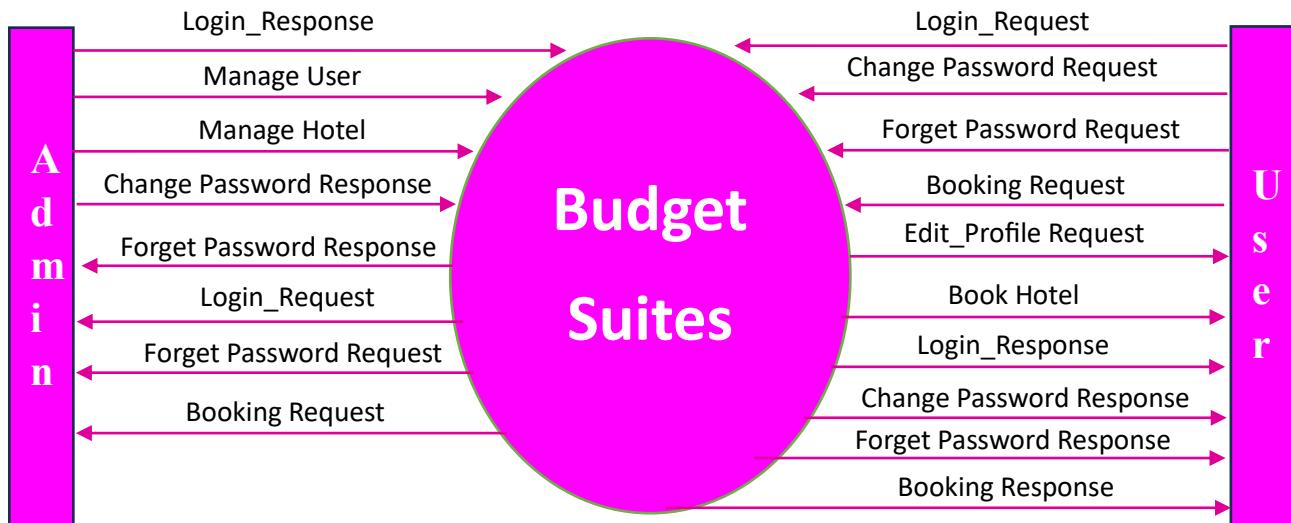
Data flow diagram show the flow of data from external entities into the system, and from one process to another within the system.

There are four symbols for drawing a DFD:

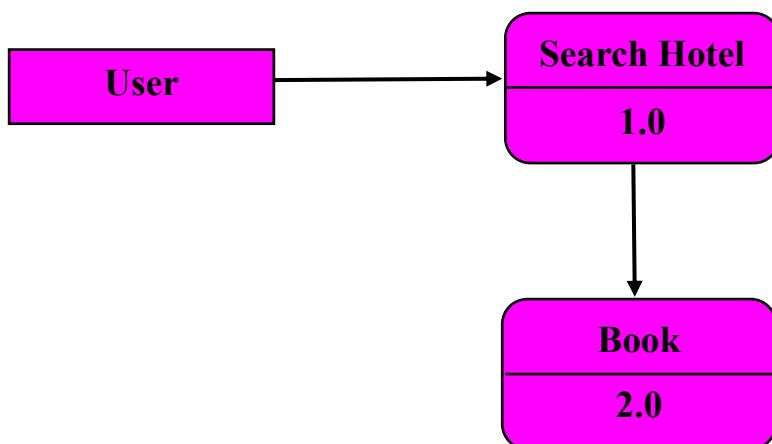
1. Rectangle representing external entities, which are sources or destinations of data.
2. Ellipses representing processes, which take data as input, validate and process it and output it.
3. Arrows representing the data flows, which can either, be electronic data or physical items.
4. Open-ended rectangles or a Disk symbol representing data stores, including electronic stores such as databases or XML files and physical stores such as filing cabinets or stakes of paper. The Data Flow Diagrams for the current system. Each process within the system as a Context Level DFD and later as a Detailed DFD.

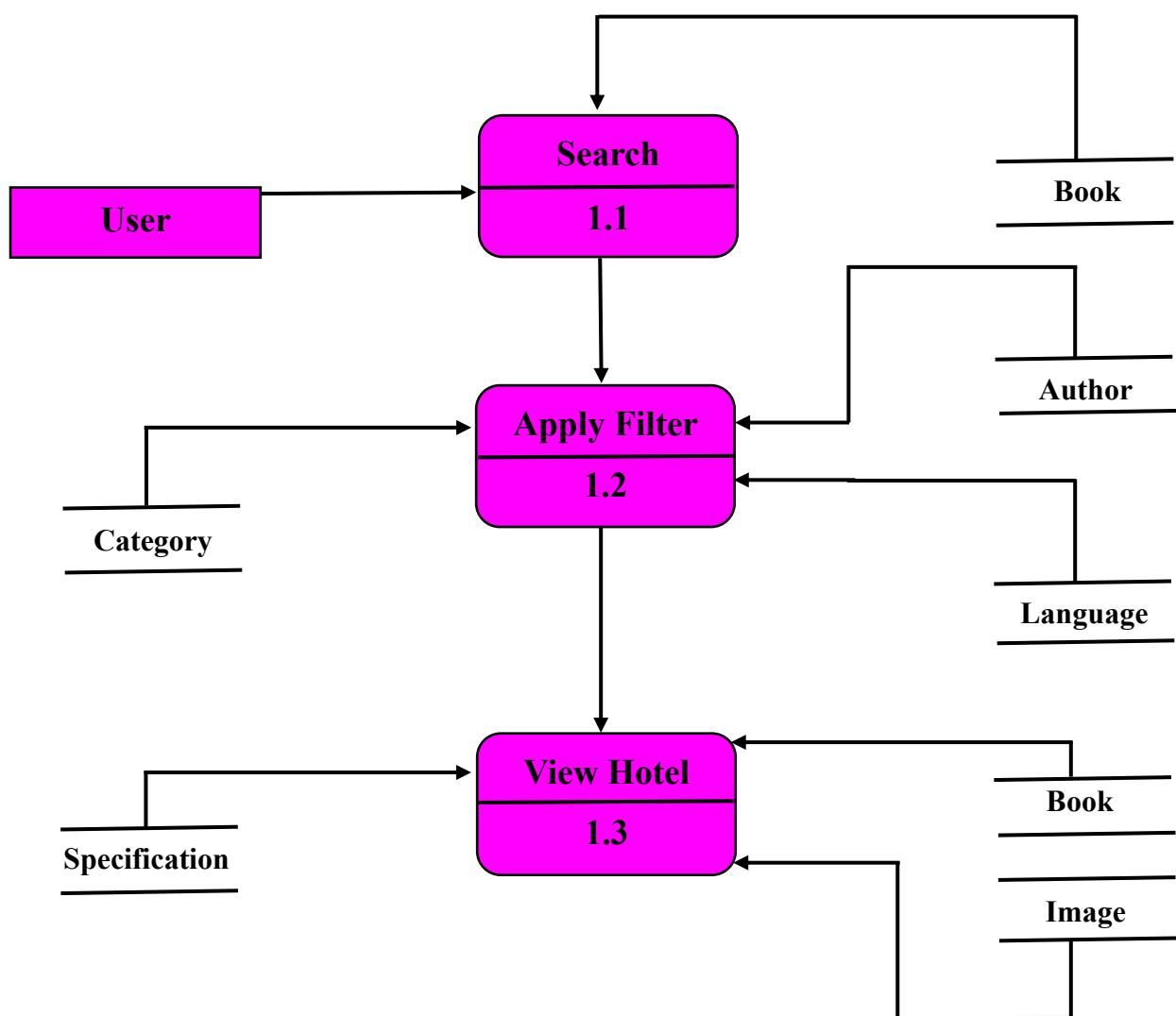
The Context Level DFD provides a conceptual view of the process and it's surrounding input, output and data stores. The Detailed provides a more detailed and comprehensive view of the interaction among the sub-processes within the system.

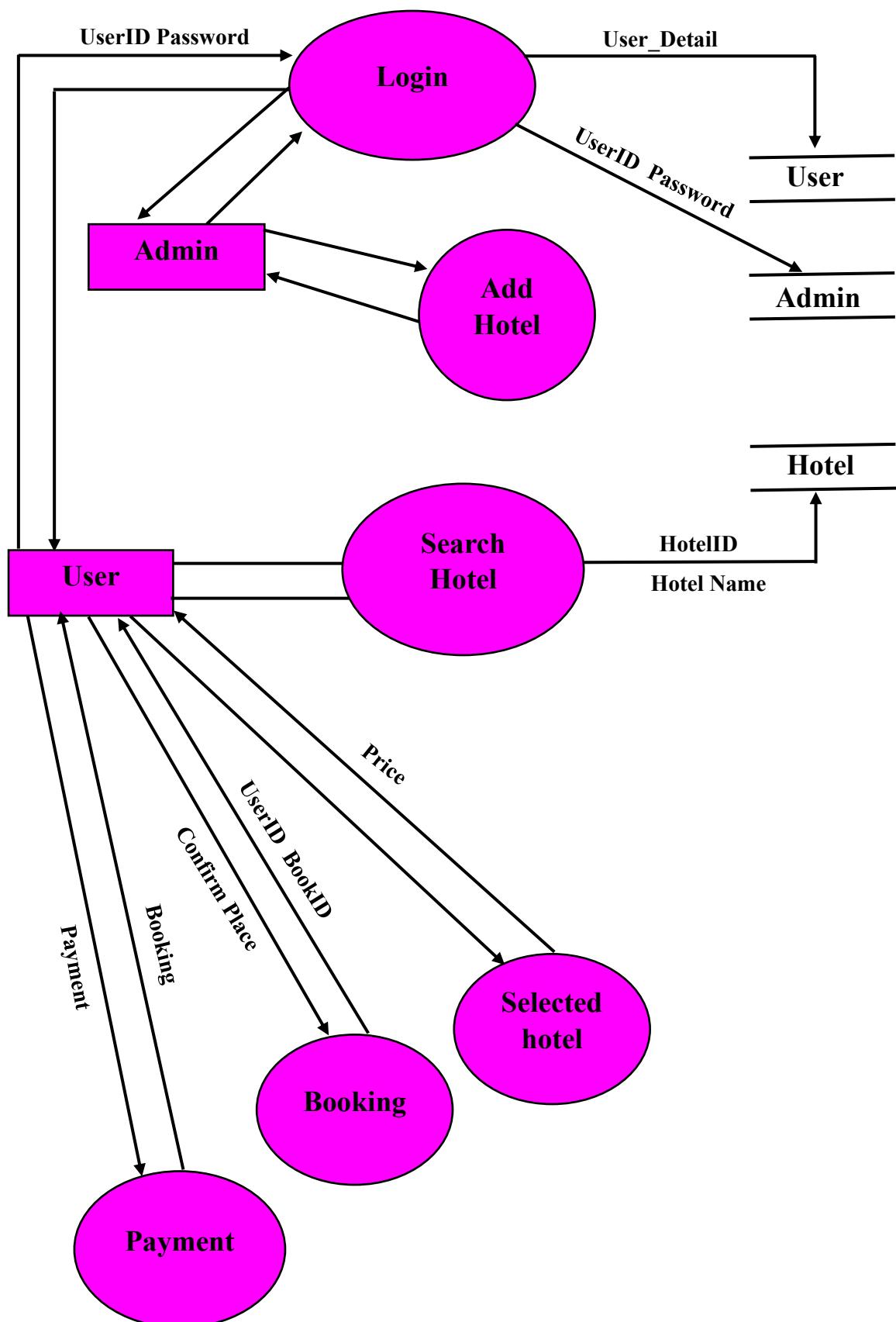
Context Level Diagram



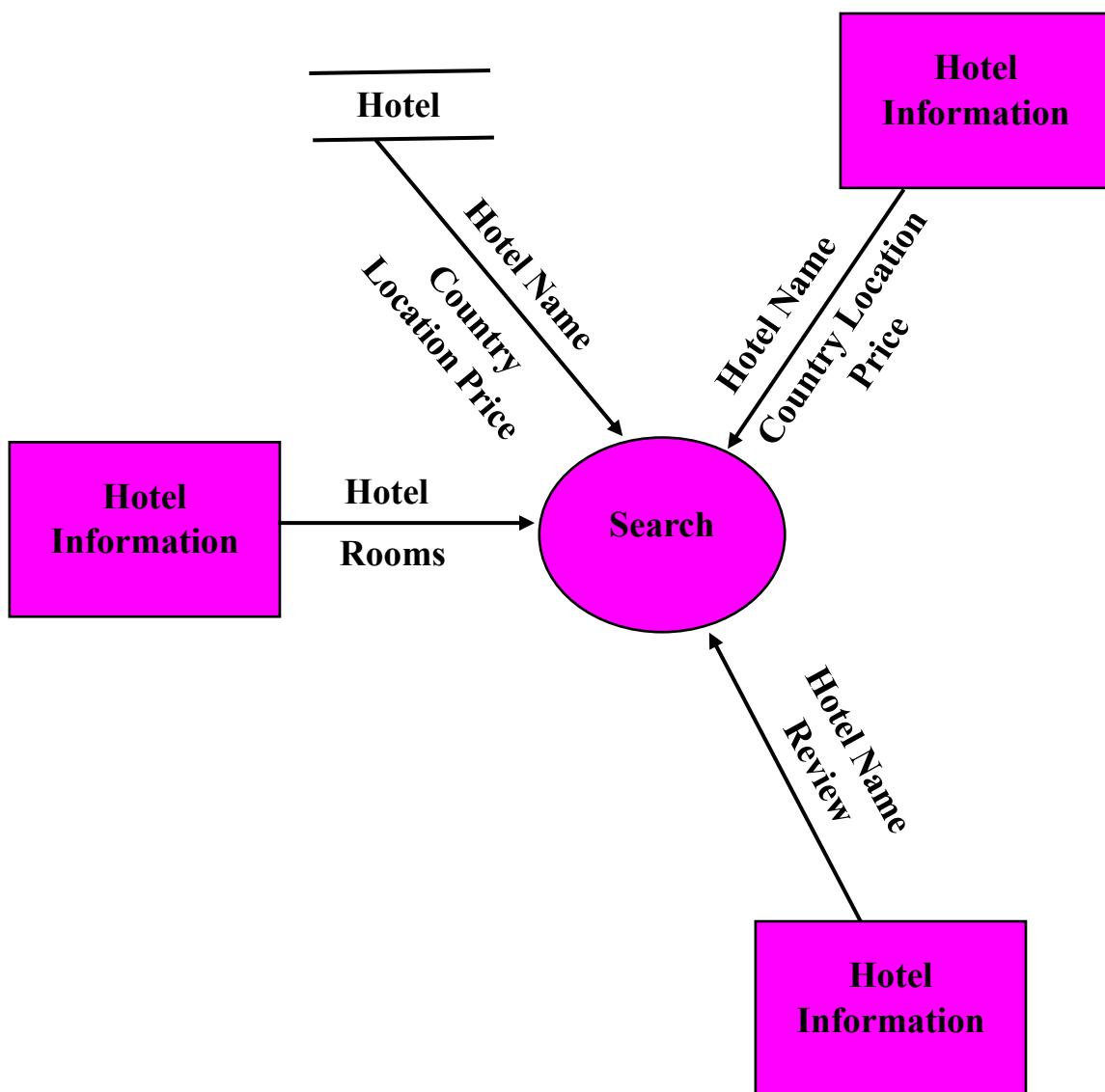
First Level Data Flow Diagram

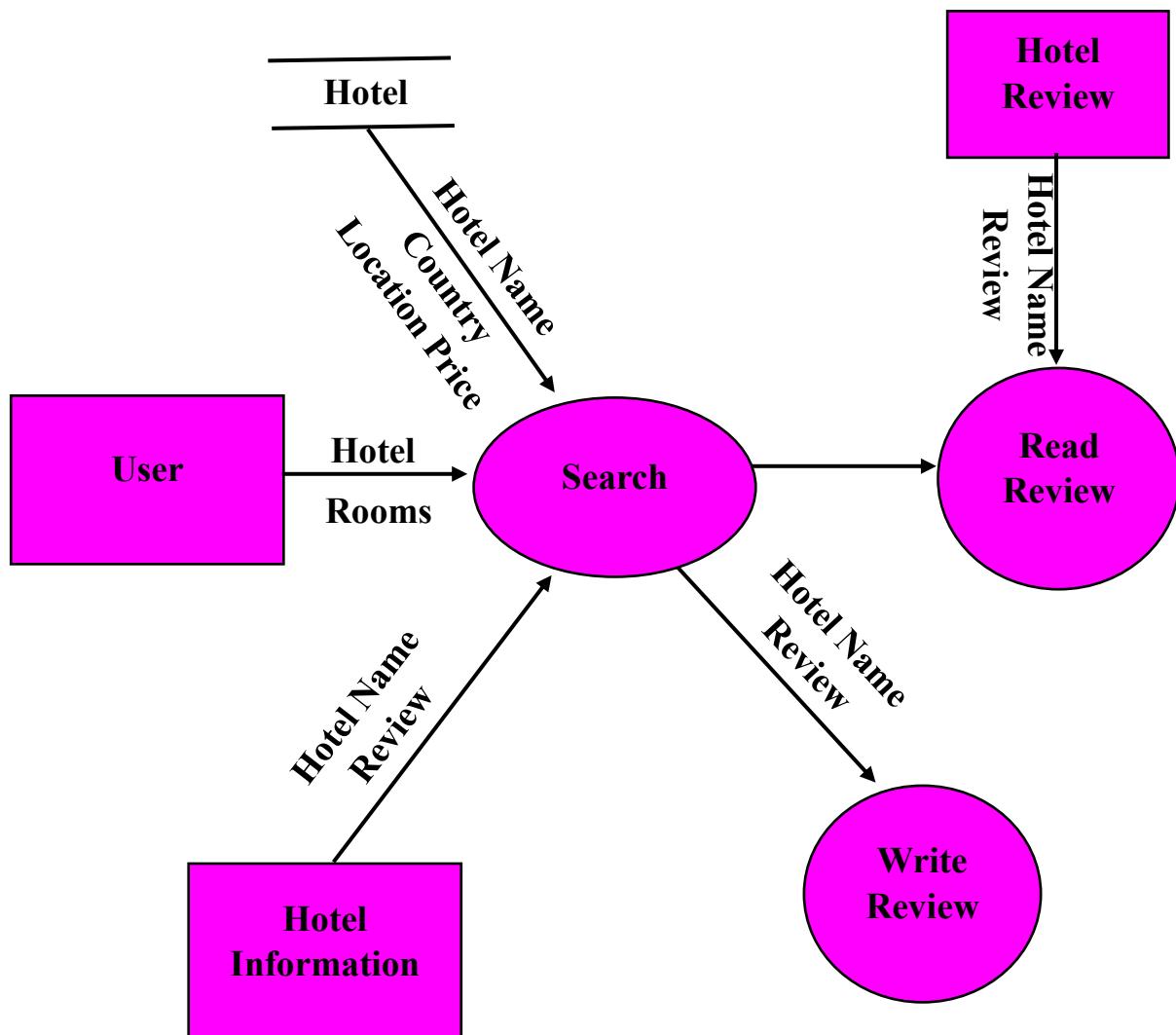




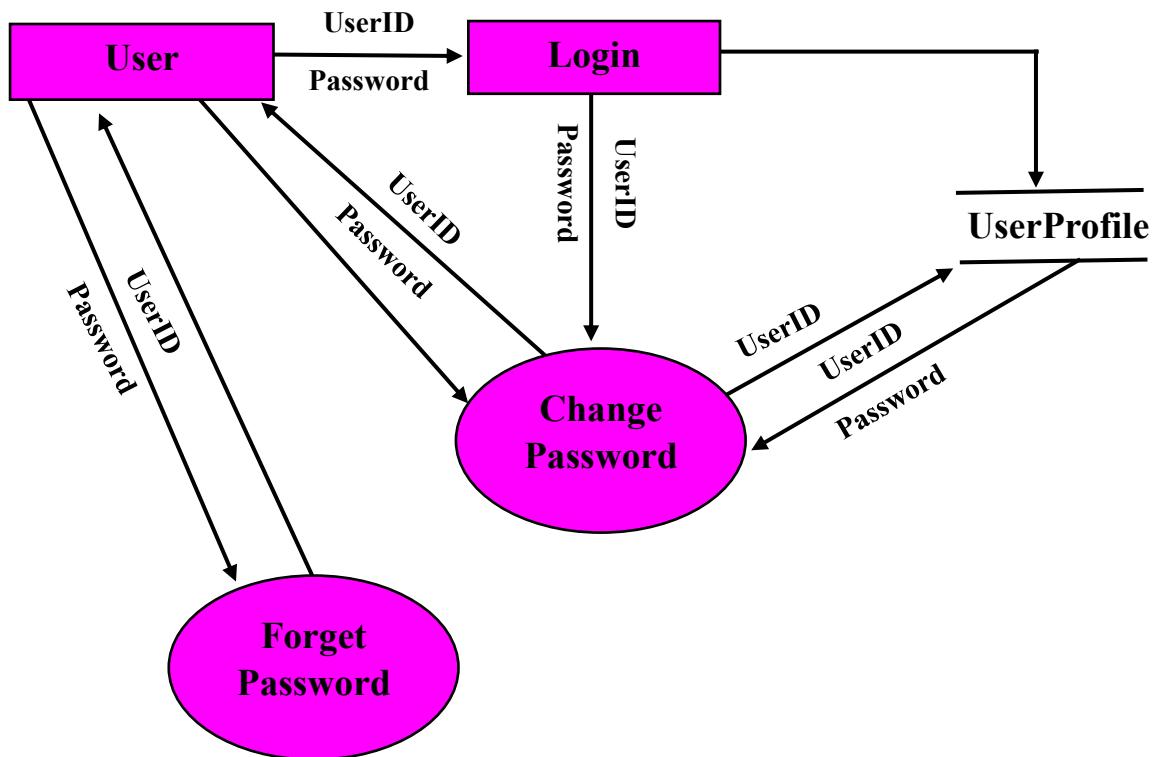


Second Level DFD

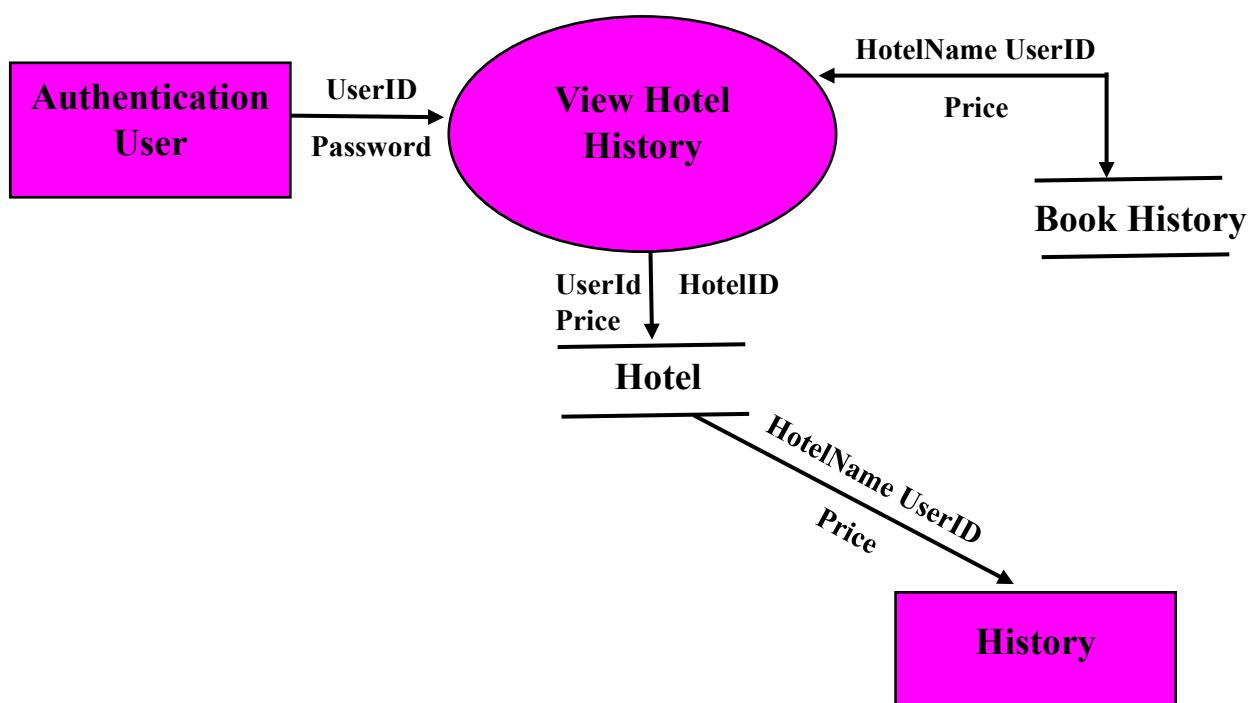
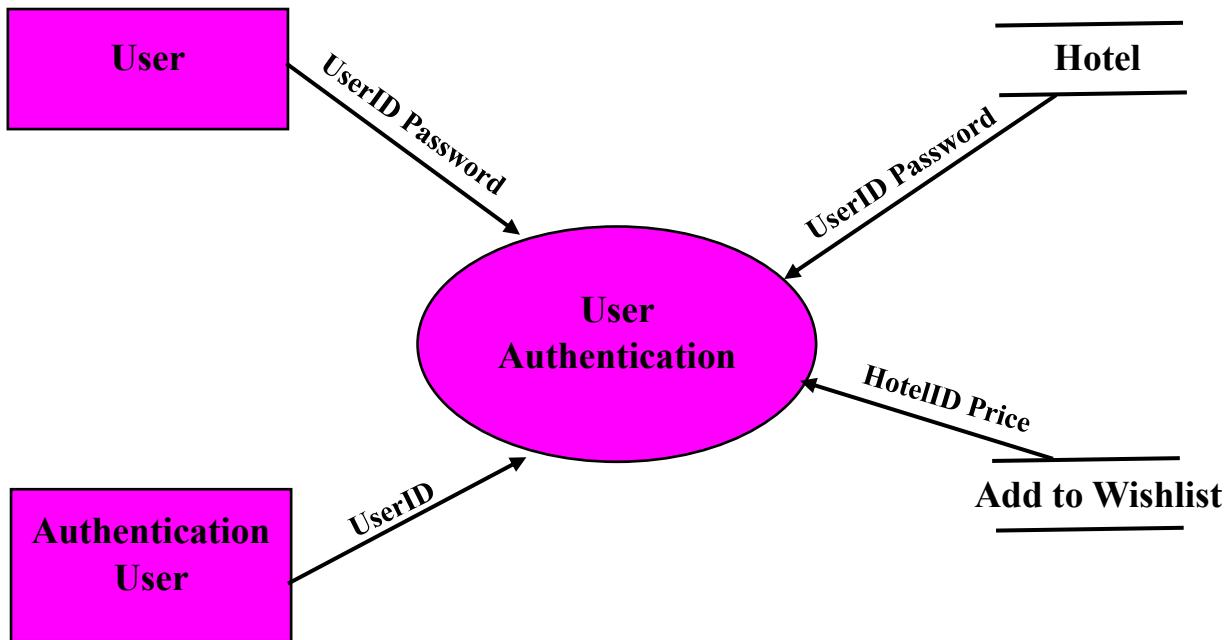




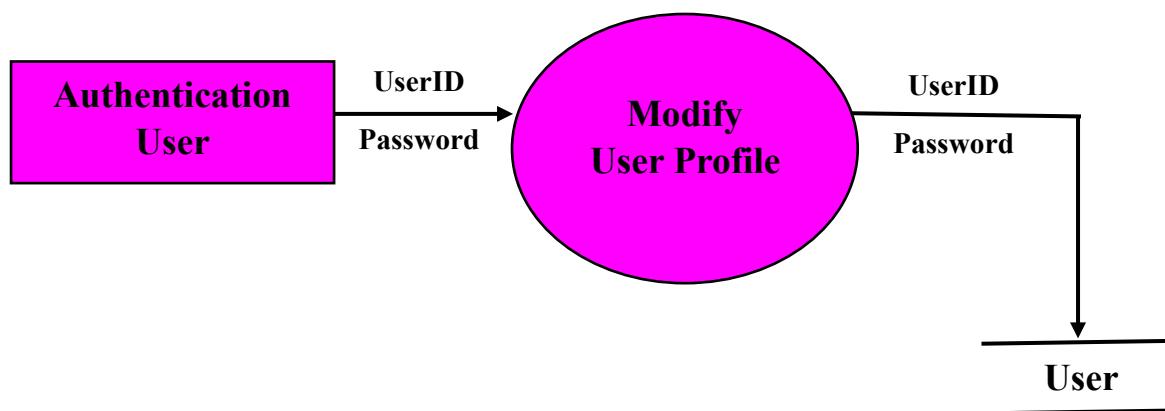
Change Password Second Level DFD



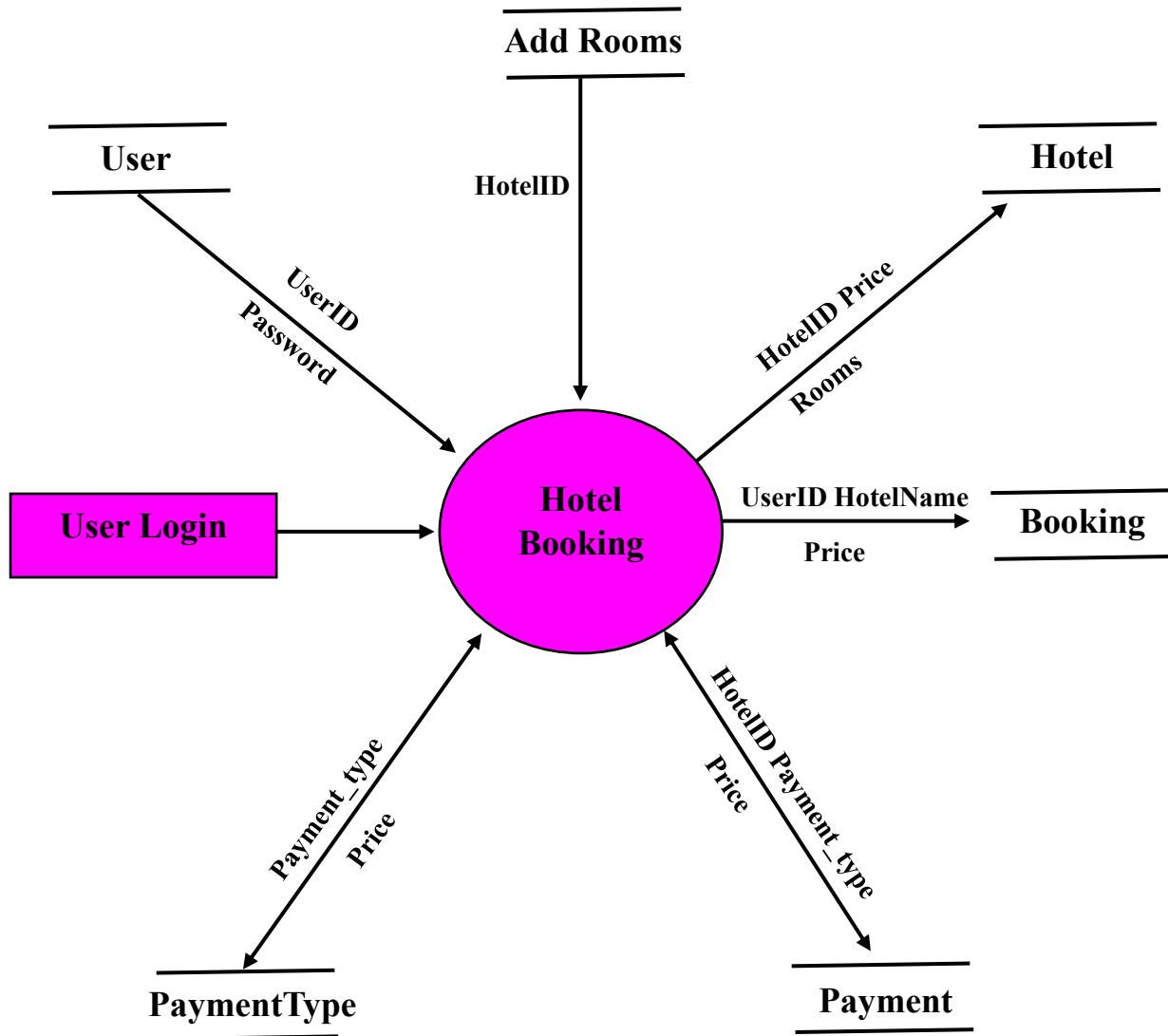
Customer Authentication Second Level DFD



Customer Authentication User Profile DFD



User Booking Second Level DFD



7.4 Data Dictionary

➤ Admin Profile

Name	User
Alias	None
Where use	Admin Profile Detail
How used	Insert, Update, Delete
Description	UserId, EmailId

➤ User Profile

Name	User
Alias	None
Where use	Admin Profile Detail
How used	Insert, Update, Delete
Description	userId, fullname, email, password, phone, profileImg, userType

➤ Verification Code

Name	User
Alias	None
Where use	Forgot Password
How used	Insert, Update, Delete
Description	verificationId, user_id, generationTime, verificationCode

➤ **Countries**

Name	User
Alias	None
Where use	Country Detail
How used	Insert, Update, Delete
Description	countryId, country_name, country_code, country_image

➤ **Locations**

Name	User
Alias	None
Where use	Location Detail
How used	Insert, Update, Delete
Description	locationId, countryId, location_code, location_name, location_image

➤ **Rooms**

Name	User
Alias	None
Where use	Room Detail
How used	Insert, Update, Delete
Description	roomId, hotel_id, room_type_id, price, total_rooms

➤ **Room Types**

Name	User
Alias	None
Where use	Book Detail
How used	Insert, Update, Delete
Description	roomtypeId, roomtype_name, max_adults, max_children

➤ **Hotels**

Name	User
Alias	None
Where use	Book Detail
How used	Insert, Update, Delete
Description	HotelId, location_id, Country_id, hotel_name, hotel_code, hotel_address, total_rooms, hotel_image, roomTypes, amenities

➤ **Amenities**

Name	User
Alias	None
Where use	Amenities Detail
How used	Insert, Update, Delete
Description	AmenitiesId, amenities_name, amenities_icon

➤ **Offers**

Name	User
Alias	None
Where use	Offers Detail
How used	Insert, Update, Delete
Description	offerId, offer_type, offer_code, offer_amount, isOneTime, expired_on

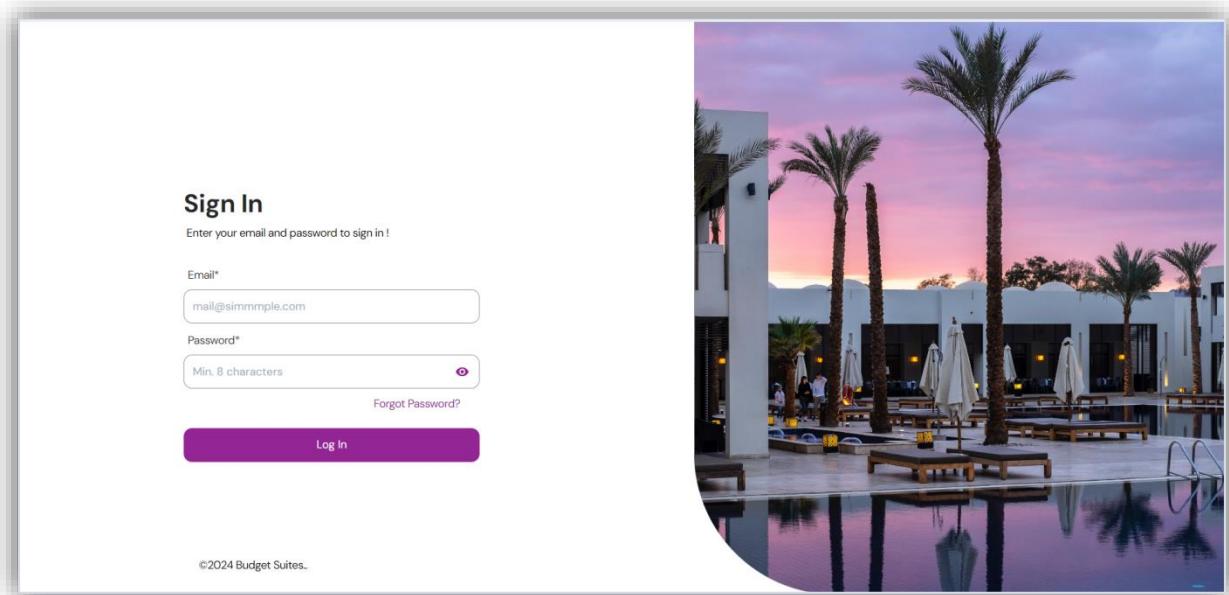
➤ **Bookings**

Name	User
Alias	None
Where use	Bookings Detail
How used	Insert, Update, Delete
Description	bookingId, check_in, check_out, user_id, hotel_id, location_id, country_id, total_rooms, total_children, room_details, user_details, total_amount, transaction_id, payment_method, payment_status, booking_status, checkout_url

8. Interface:

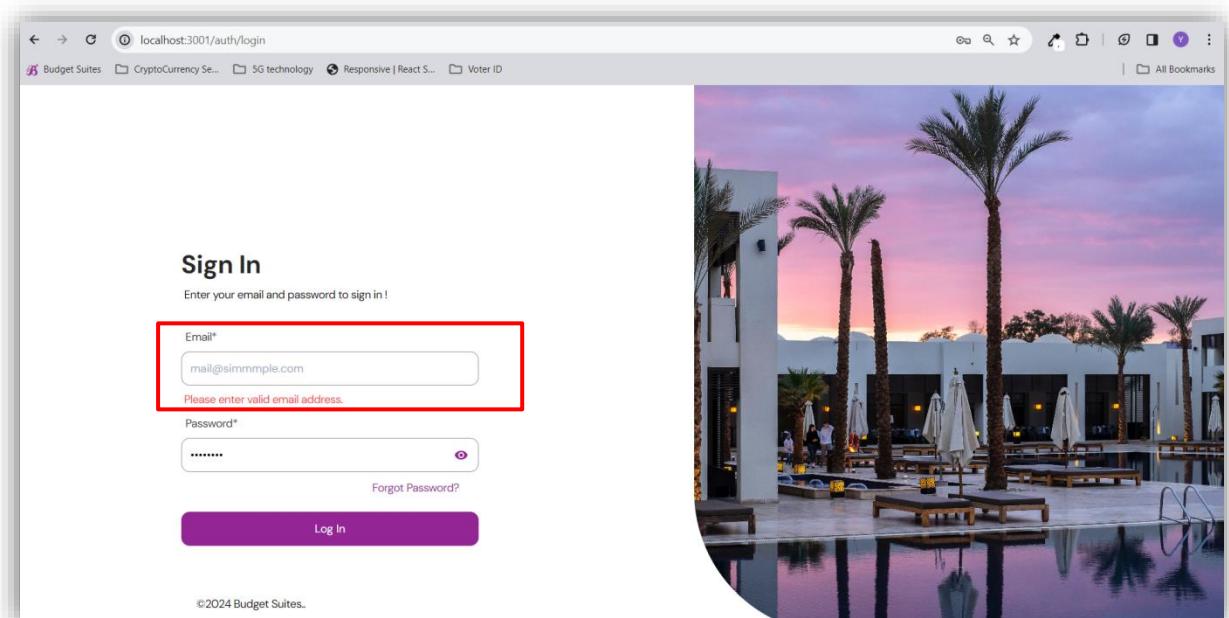
8.1. Admin Interface

Admin Sign-in



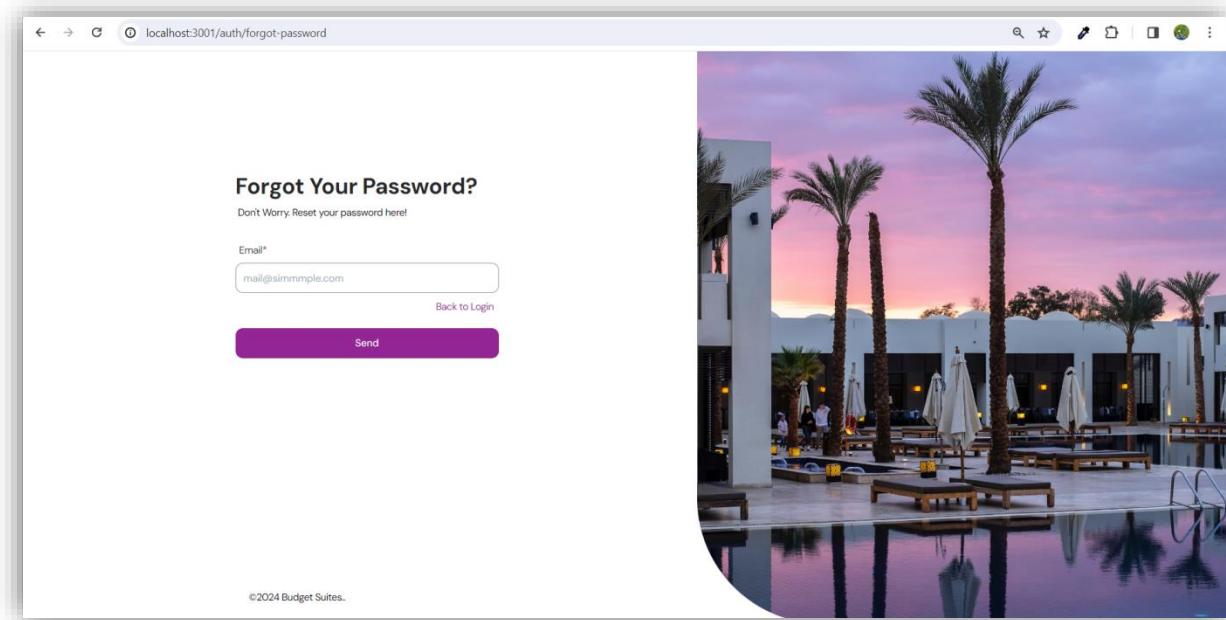
The screenshot shows the 'Sign In' page of the Budget Suites website. The page has a white background with a purple header. The title 'Sign In' is in bold purple text. Below it is a sub-instruction 'Enter your email and password to sign in !'. There are two input fields: 'Email*' with the placeholder 'mail@simmple.com' and 'Password*' with the placeholder 'Min. 8 characters'. Below the password field is a 'Forgot Password?' link. A purple 'Log In' button is at the bottom. At the bottom left is the copyright notice '©2024 Budget Suites.' On the right side of the page is a large, semi-transparent circular image of a swimming pool at sunset with palm trees and a building in the background.

Admin Sign-in Validation



The screenshot shows the same 'Sign In' page as the previous one, but with validation feedback. The 'Email*' field is highlighted with a red border and contains the placeholder 'mail@simmple.com'. Below the field, an error message 'Please enter valid email address.' is displayed. The rest of the page, including the password field, 'Forgot Password?' link, 'Log In' button, and the footer, remains the same as the first screenshot. The right side features the same sunset pool image.

Forgot Password



Forgot Your Password?
Don't Worry. Reset your password here!

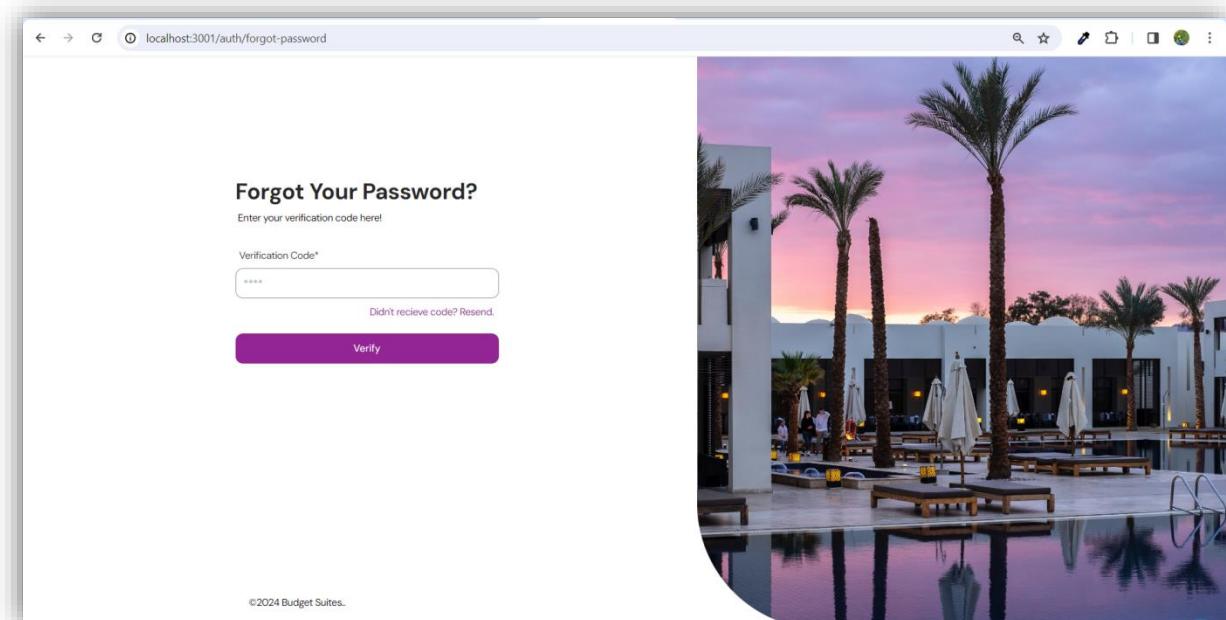
Email*

Back to Login

Send

©2024 Budget Suites.

Verification Code



Forgot Your Password?
Enter your verification code here!

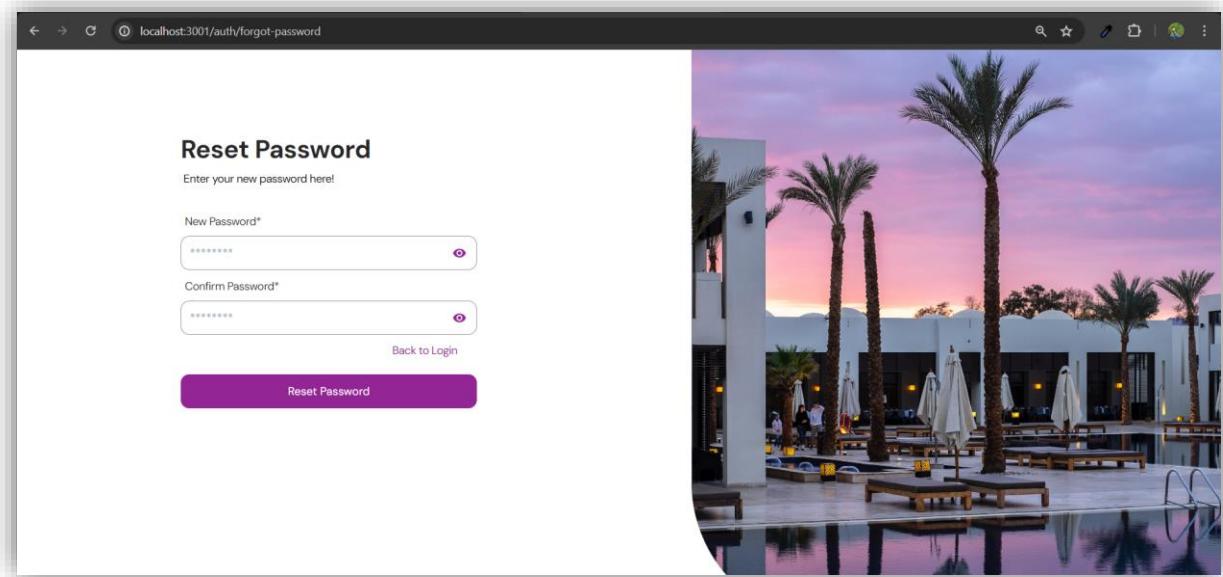
Verification Code*

Didn't receive code? Resend.

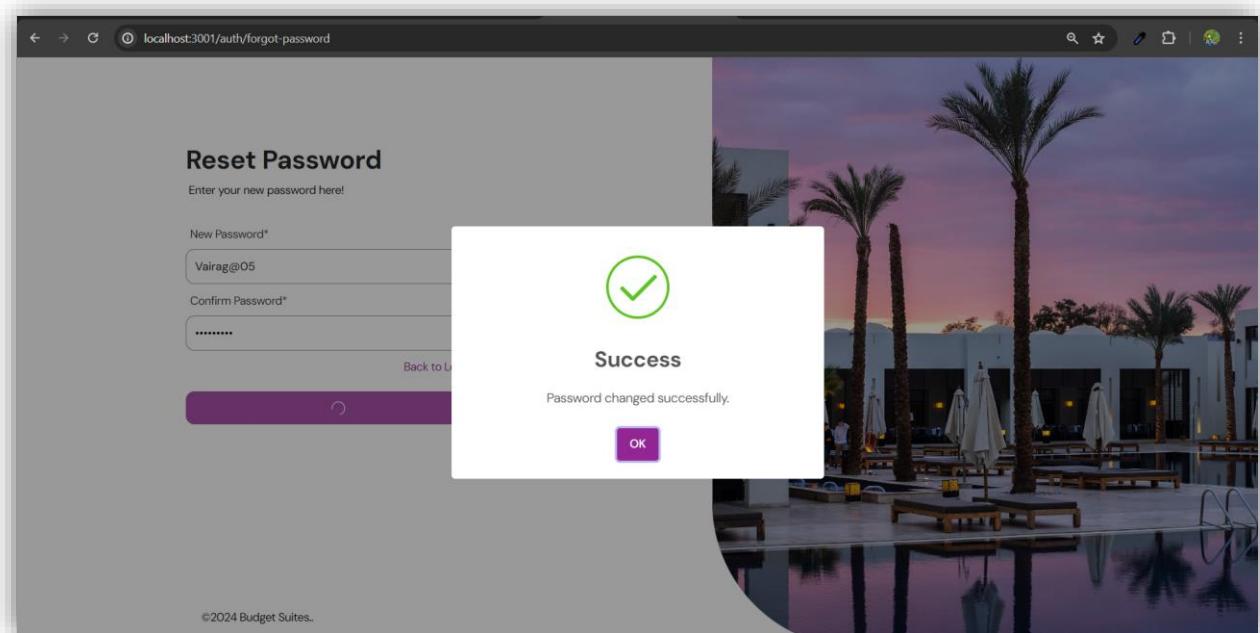
Verify

©2024 Budget Suites.

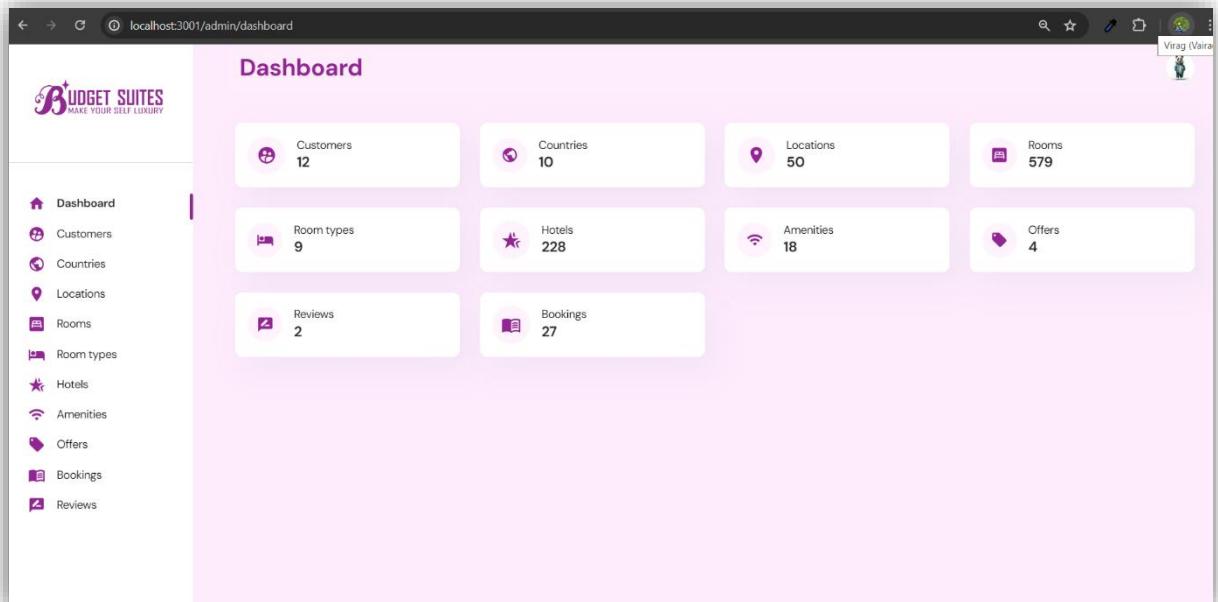
Reset Password



Reset Password Successful



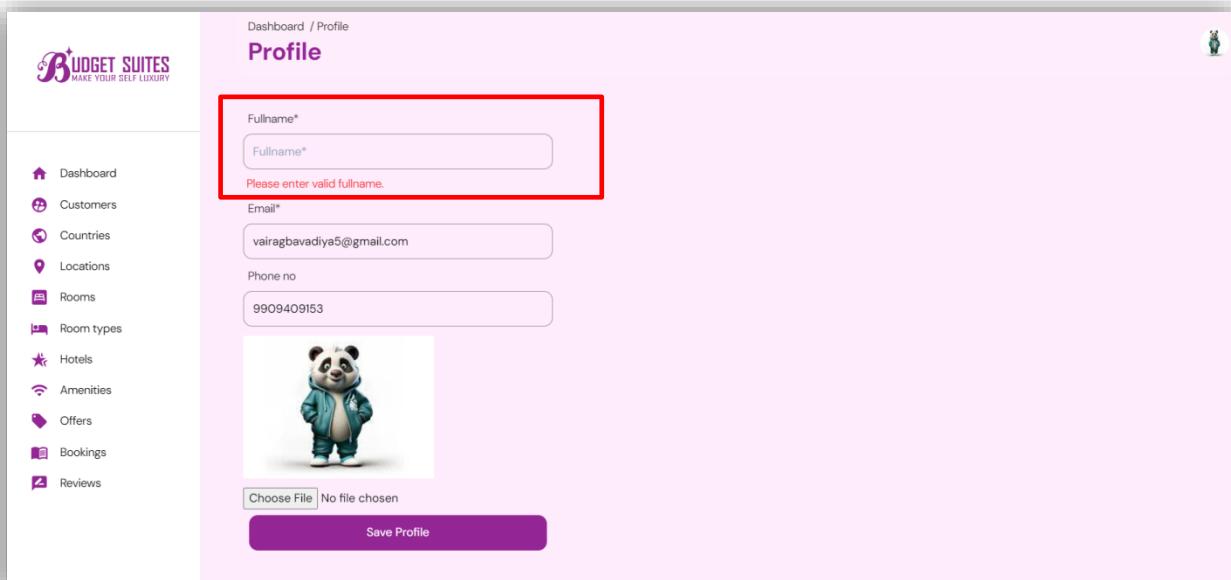
Dashboard



The screenshot shows the Admin Dashboard for Budget Suites. The top navigation bar includes a search icon, a star icon, a profile icon, and a 'Logout' button. The dashboard features a sidebar with icons for Dashboard, Customers, Countries, Locations, Rooms, Room types, Hotels, Amenities, Offers, Bookings, and Reviews. The main area displays various statistics in cards:

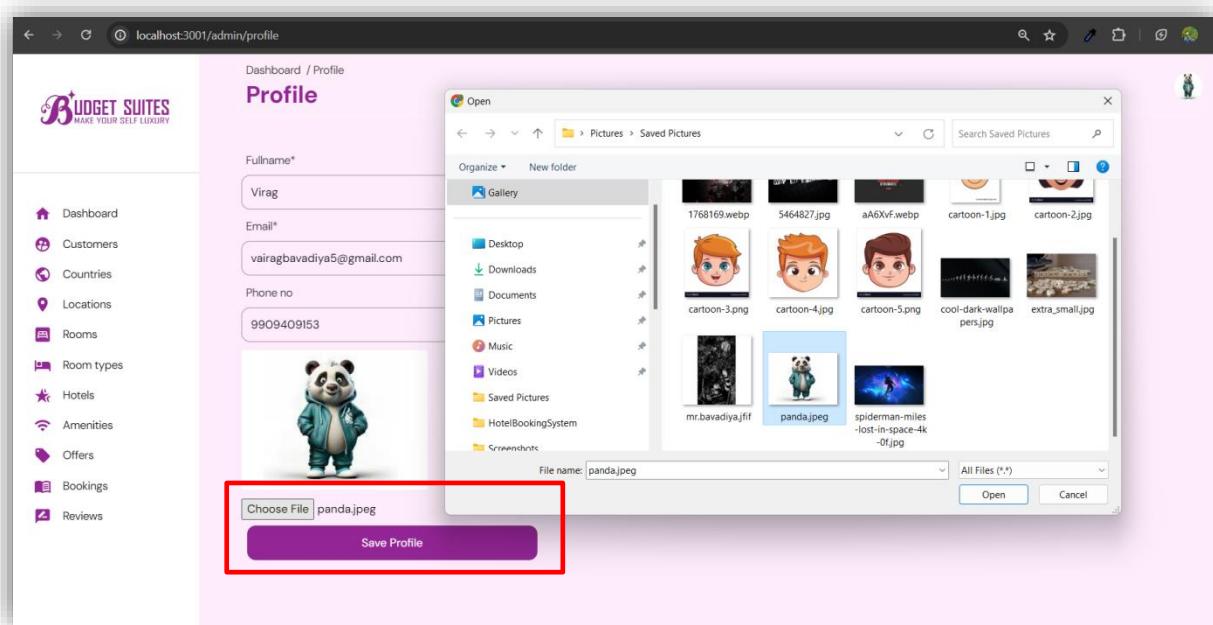
- Customers: 12
- Countries: 10
- Locations: 50
- Rooms: 579
- Room types: 9
- Hotels: 228
- Amenities: 18
- Offers: 4
- Reviews: 2
- Bookings: 27

User Profile Validations

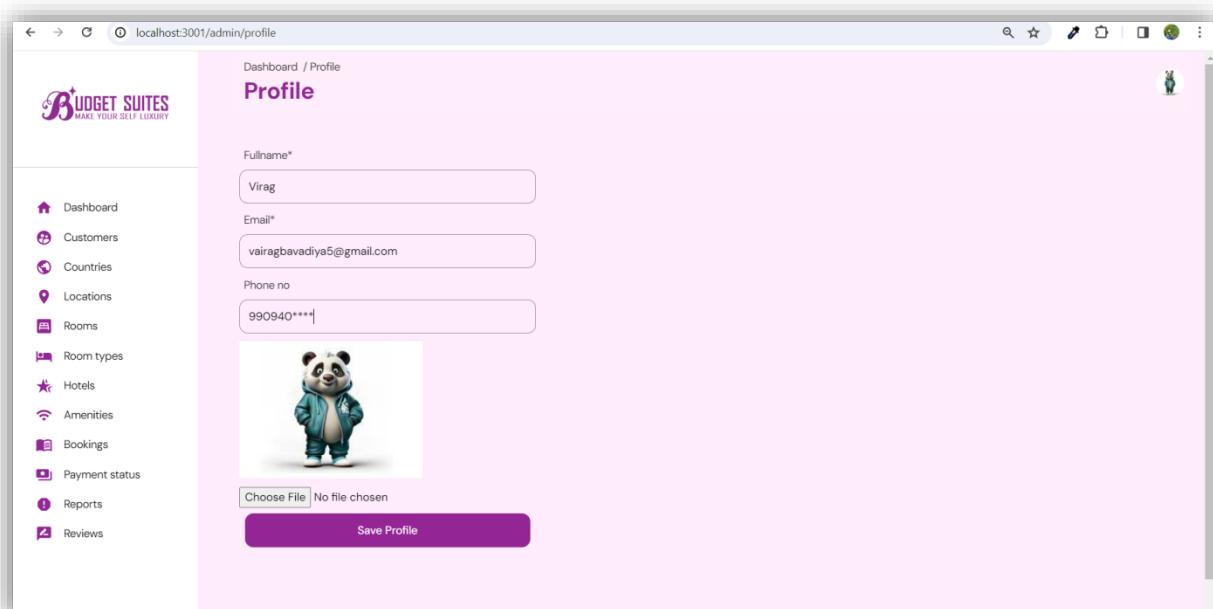


The screenshot shows the Profile page of the Budget Suites application. The sidebar includes icons for Dashboard, Customers, Countries, Locations, Rooms, Room types, Hotels, Amenities, Offers, Bookings, and Reviews. The main content area shows a 'Profile' section with fields for Fullname*, Email*, and Phone no. The 'Fullname*' field is highlighted with a red border and contains the error message 'Please enter valid fullname.' Below these fields is a placeholder image of a panda wearing a hoodie. At the bottom, there is a 'Choose File' button with the message 'No file chosen' and a 'Save Profile' button.

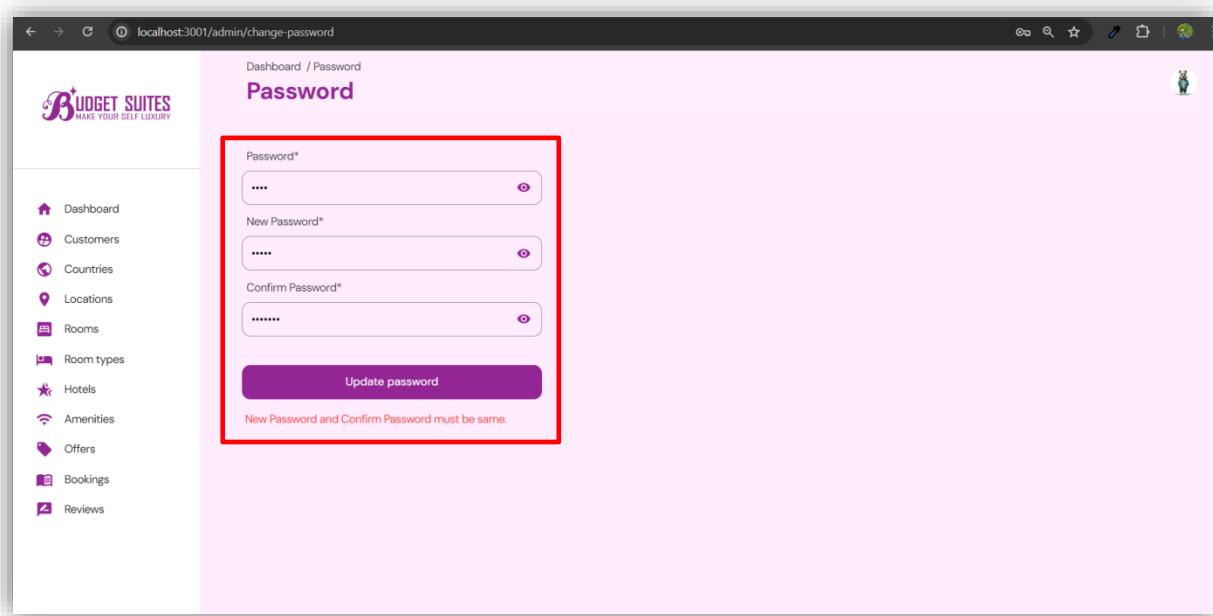
User Profile Photo Update



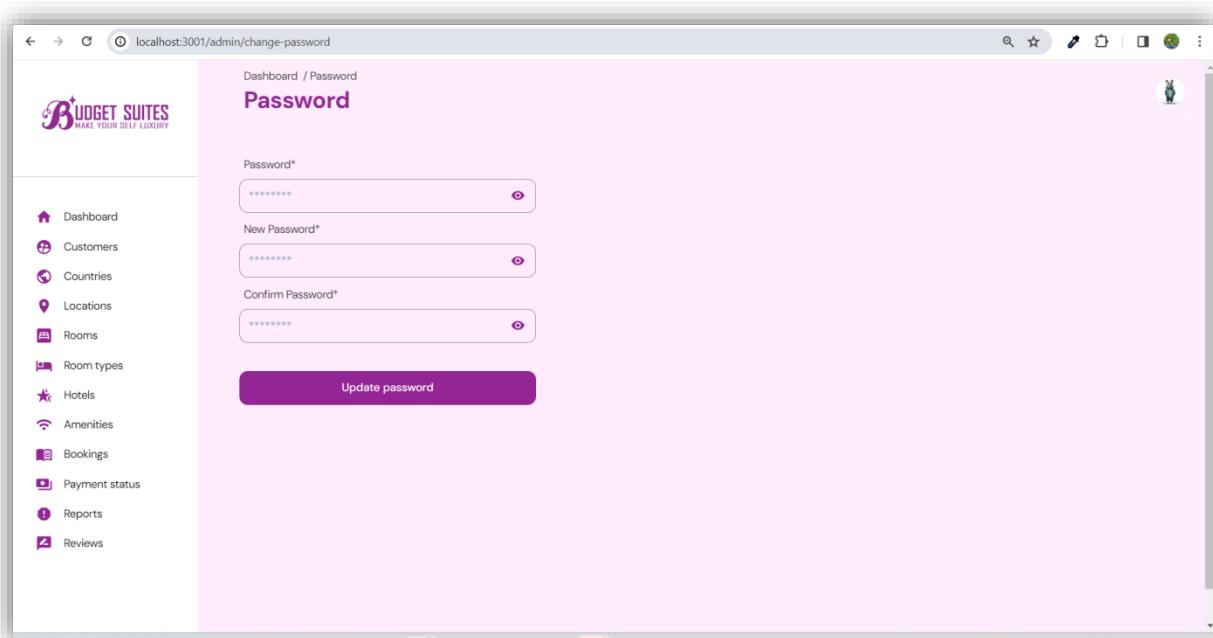
Profile



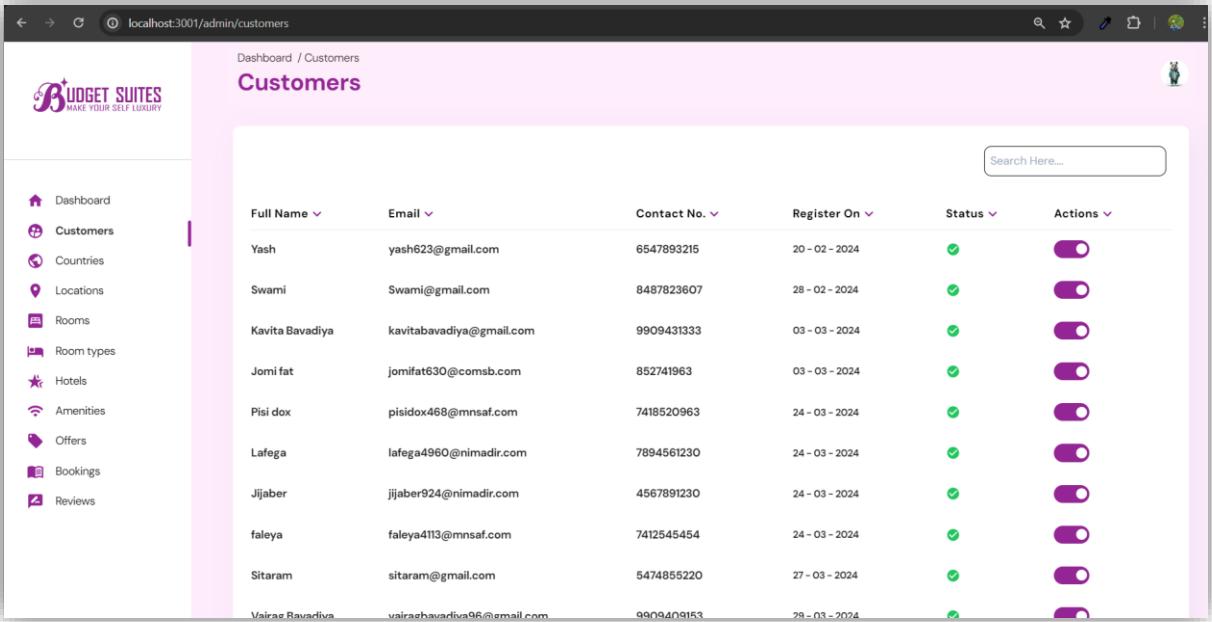
User Password Validations



Change Password



Customers

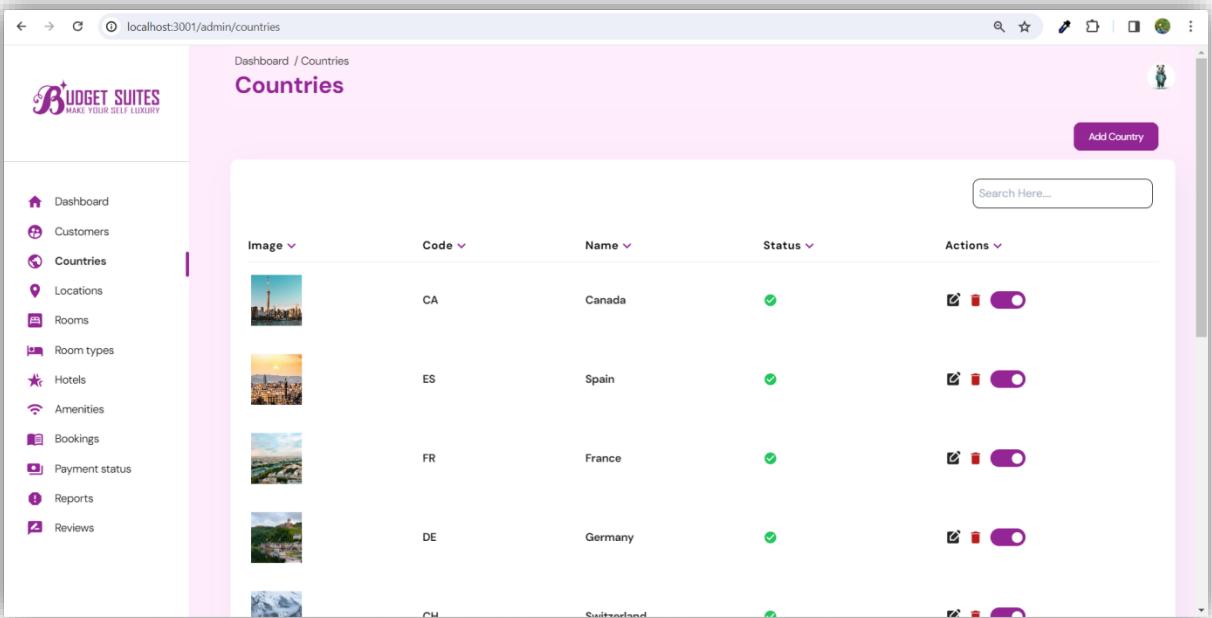


Dashboard / Customers

Customers

Full Name	Email	Contact No.	Register On	Status	Actions
Yash	yash623@gmail.com	6547893215	20 - 02 - 2024	✓	Switch
Swami	Swami@gmail.com	8487823607	28 - 02 - 2024	✓	Switch
Kavita Bavadiya	kavitabavadiya@gmail.com	9909431333	03 - 03 - 2024	✓	Switch
Jomifat	jomifat630@comsb.com	852741963	03 - 03 - 2024	✓	Switch
Pisidox	pisidox468@mnsaf.com	7418520963	24 - 03 - 2024	✓	Switch
Lafega	lafega4960@nimadir.com	7894561230	24 - 03 - 2024	✓	Switch
Jijaber	jijaber924@nimadir.com	4567891230	24 - 03 - 2024	✓	Switch
faleya	faleya4113@mnsaf.com	7412545454	24 - 03 - 2024	✓	Switch
Sitaram	sitaram@gmail.com	5474855220	27 - 03 - 2024	✓	Switch
Vairag Bavadiya	vairagbavadiya96@gmail.com	9909409153	28 - 03 - 2024	✓	Switch

Countries List



Dashboard / Countries

Countries

Image	Code	Name	Status	Actions
	CA	Canada	✓	Edit Delete Switch
	ES	Spain	✓	Edit Delete Switch
	FR	France	✓	Edit Delete Switch
	DE	Germany	✓	Edit Delete Switch
	CH	Switzerland	✓	Edit Delete Switch

Add Country

localhost:3001/admin/countries/add

Dashboard / Countries / Add

Countries

Country Name*

Country Code*

Country Image Choose File | No file chosen

Add Country

Dashboard Countries Locations Rooms Room types Hotels Amenities Bookings Payment status Reports Reviews

Edit Country

localhost:3001/admin/countries/edit/65b1f275bf71a7a0133e479d

Dashboard / Countries / Edit

Countries

Country Name*

Country Code*

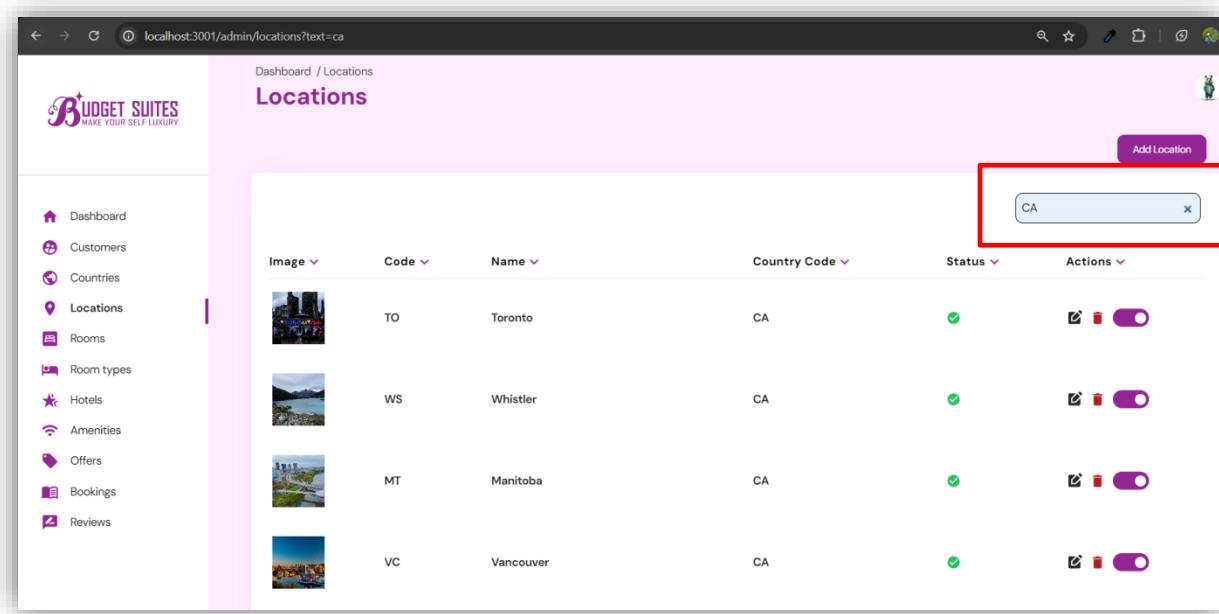
Country Image 

Choose File | No file chosen

Edit Country

Dashboard Countries Locations Rooms Room types Hotels Amenities Bookings Payment status Reports Reviews

Search Validation



Dashboard / Locations

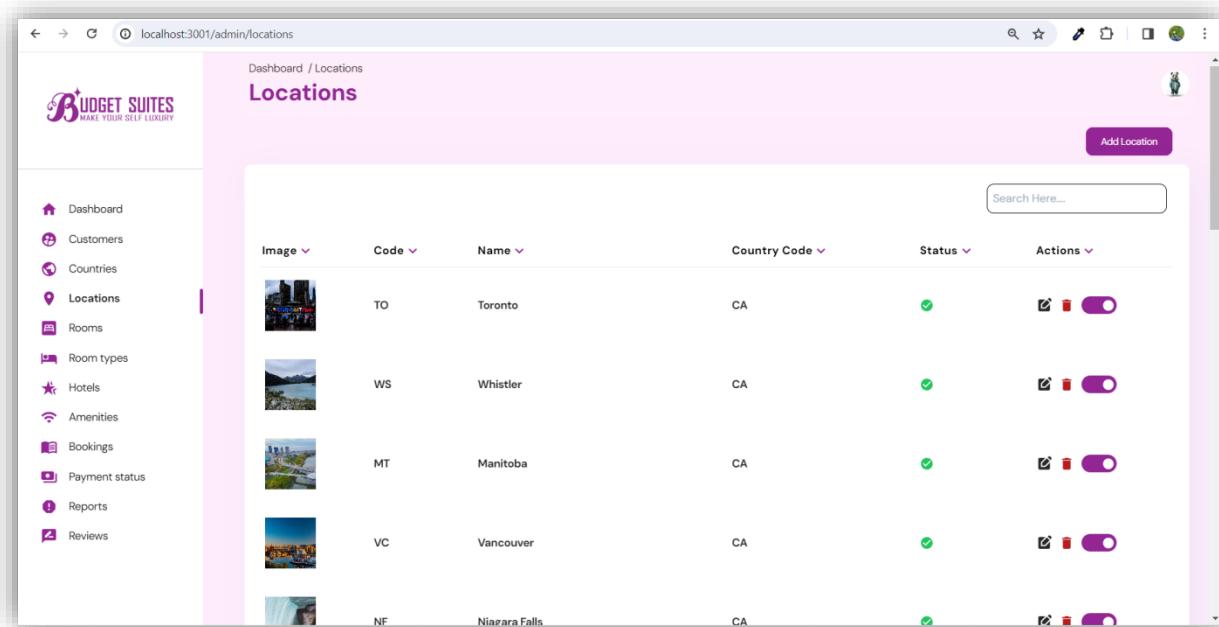
Locations

Add Location

Image	Code	Name	Country Code	Status	Actions
	TO	Toronto	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	WS	Whistler	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	MT	Manitoba	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	VC	Vancouver	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

CA

Locations List



Dashboard / Locations

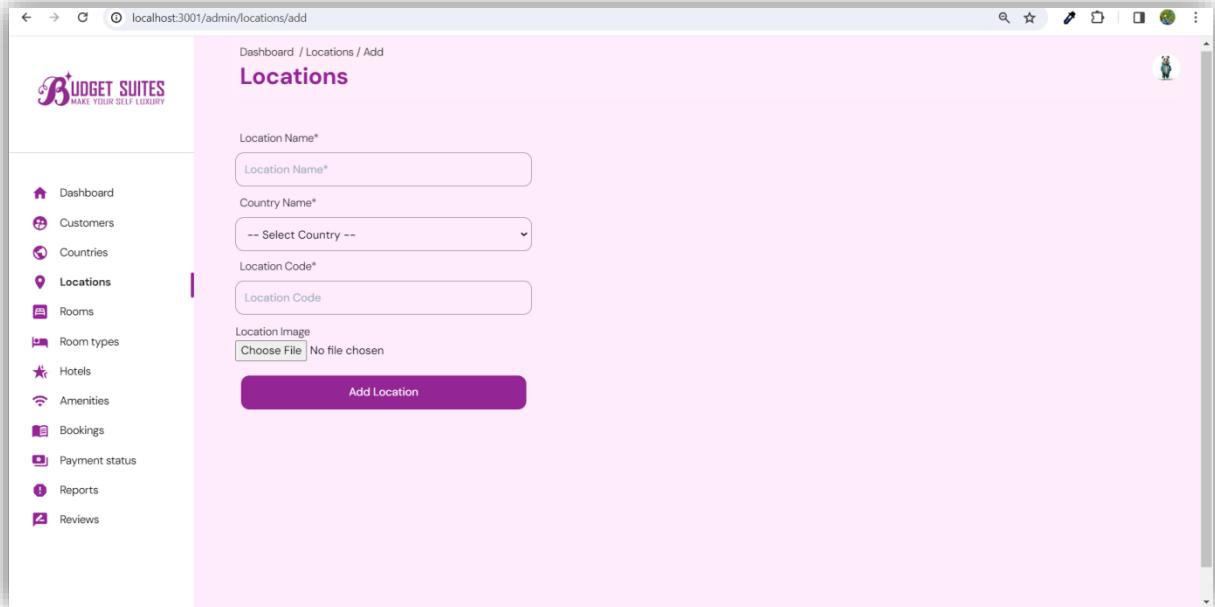
Locations

Add Location

Search Here...

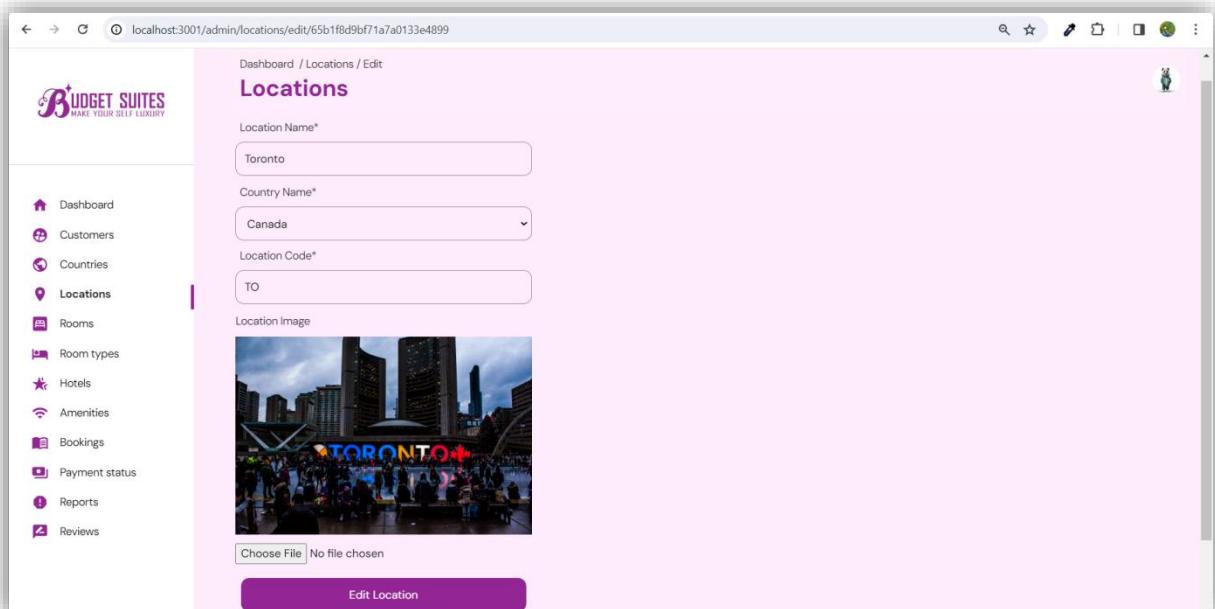
Image	Code	Name	Country Code	Status	Actions
	TO	Toronto	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	WS	Whistler	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	MT	Manitoba	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	VC	Vancouver	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	NF	Niagara Falls	CA	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

Add Location



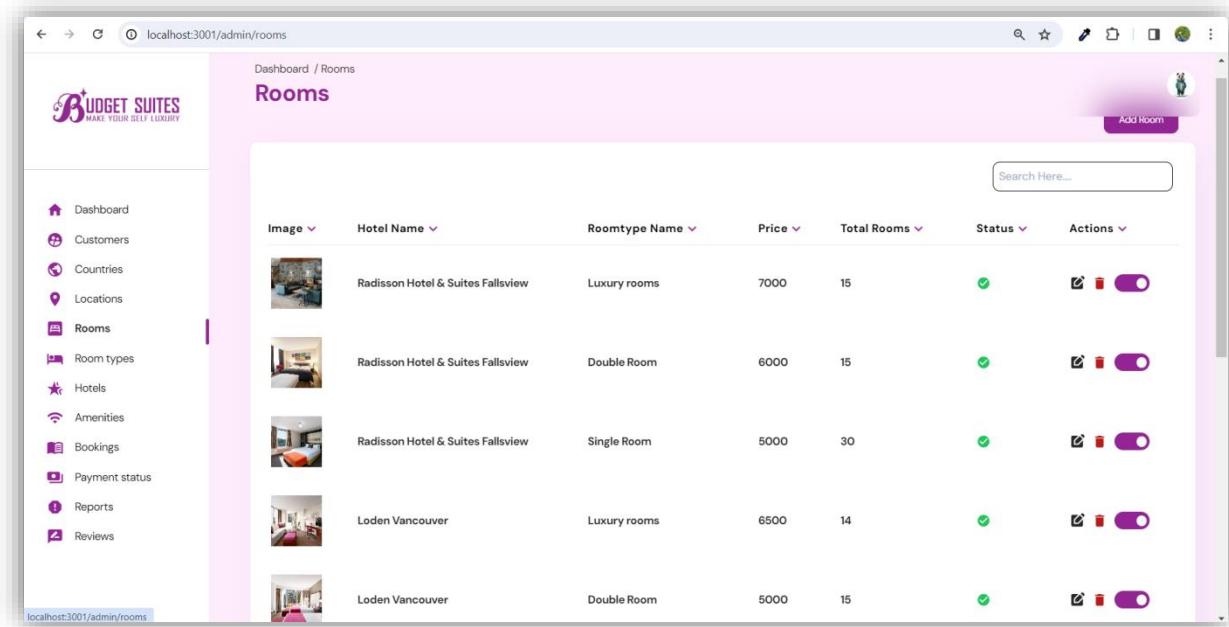
The screenshot shows a web browser window for the 'Budget Suites' admin panel. The URL is `localhost:3001/admin/locations/add`. The page title is 'Locations'. On the left, there is a sidebar with various menu items: Dashboard, Customers, Countries, Locations (which is the active tab, indicated by a purple background), Rooms, Room types, Hotels, Amenities, Bookings, Payment status, Reports, and Reviews. The main content area has fields for 'Location Name*', 'Country Name*', 'Location Code*', and 'Location Image' (with a 'Choose File' button). A purple 'Add Location' button is at the bottom.

Edit Location



The screenshot shows a web browser window for the 'Budget Suites' admin panel. The URL is `localhost:3001/admin/locations/edit/65b1f8d9bf71a7a0133e4899`. The page title is 'Locations'. The sidebar on the left shows the 'Locations' tab is selected. The main content area displays the location details for 'Toronto': 'Location Name*' is 'Toronto', 'Country Name*' is 'Canada', and 'Location Code*' is 'TO'. There is a placeholder image for 'Location Image' showing a night view of the Toronto skyline. A purple 'Edit Location' button is at the bottom.

Rooms List



localhost:3001/admin/rooms

Dashboard / Rooms

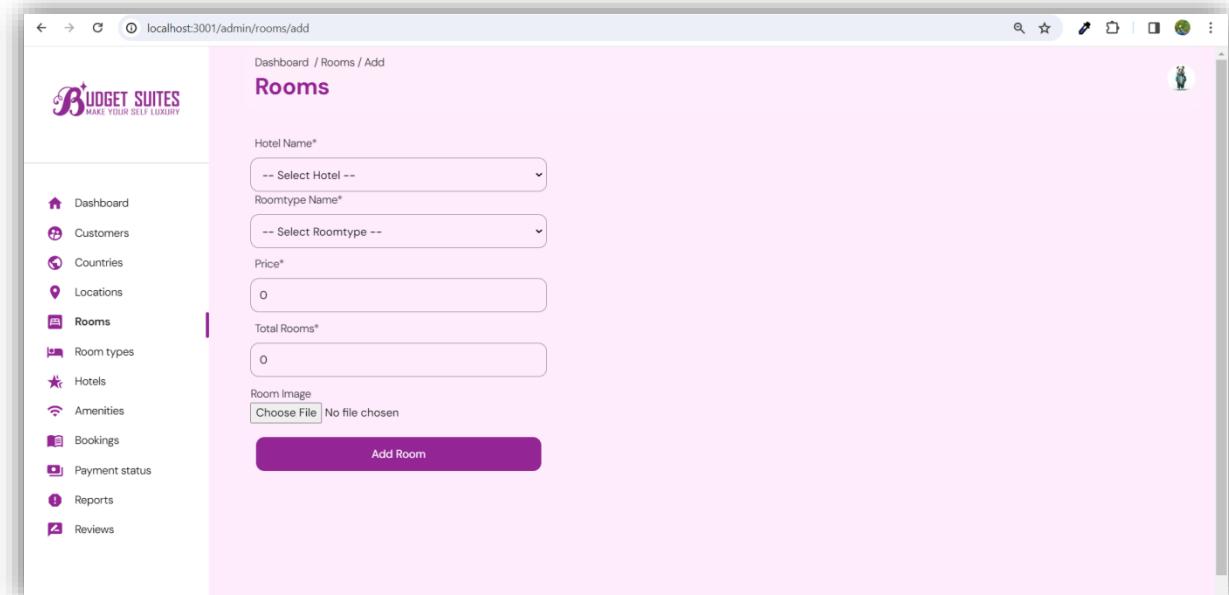
Rooms

Search Here...

Image	Hotel Name	Roomtype Name	Price	Total Rooms	Status	Actions
	Radisson Hotel & Suites Fallsview	Luxury rooms	7000	15	✓	Edit Delete Toggle
	Radisson Hotel & Suites Fallsview	Double Room	6000	15	✓	Edit Delete Toggle
	Radisson Hotel & Suites Fallsview	Single Room	5000	30	✓	Edit Delete Toggle
	Loden Vancouver	Luxury rooms	6500	14	✓	Edit Delete Toggle
	Loden Vancouver	Double Room	5000	15	✓	Edit Delete Toggle

localhost:3001/admin/rooms

Add Room



localhost:3001/admin/rooms/add

Dashboard / Rooms / Add

Rooms

Hotel Name*

-- Select Hotel --

Roomtype Name*

-- Select Roomtype --

Price*

0

Total Rooms*

0

Room Image

Choose File No file chosen

Add Room

localhost:3001/admin/rooms/add

Edit Room

localhost:3001/admin/rooms/edit/65d4aae1f54d52e4c4131917

Dashboard / Rooms / Edit

Rooms

Hotel Name*

Radisson Hotel & Suites Fallsview

Roomtype Name*

Luxury rooms

Price*

7000

Total Rooms*

15

Room Image



Choose File No file chosen

Room Type List

localhost:3001/admin/roomtypes

Dashboard / Room Types

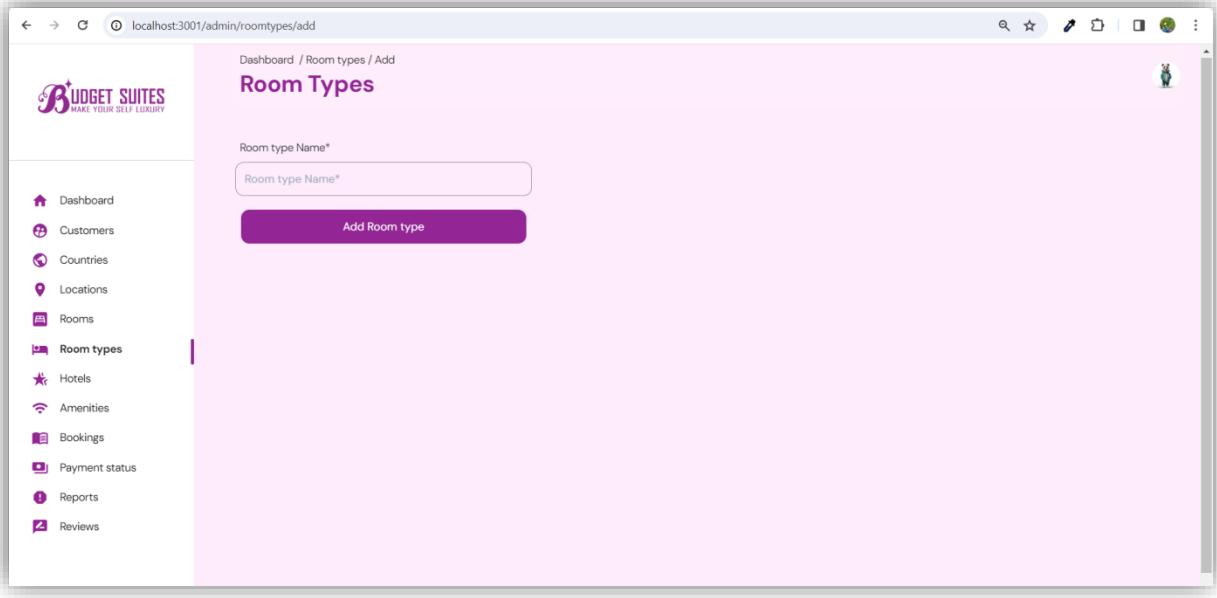
Room Types

Add Room type

Search Here...

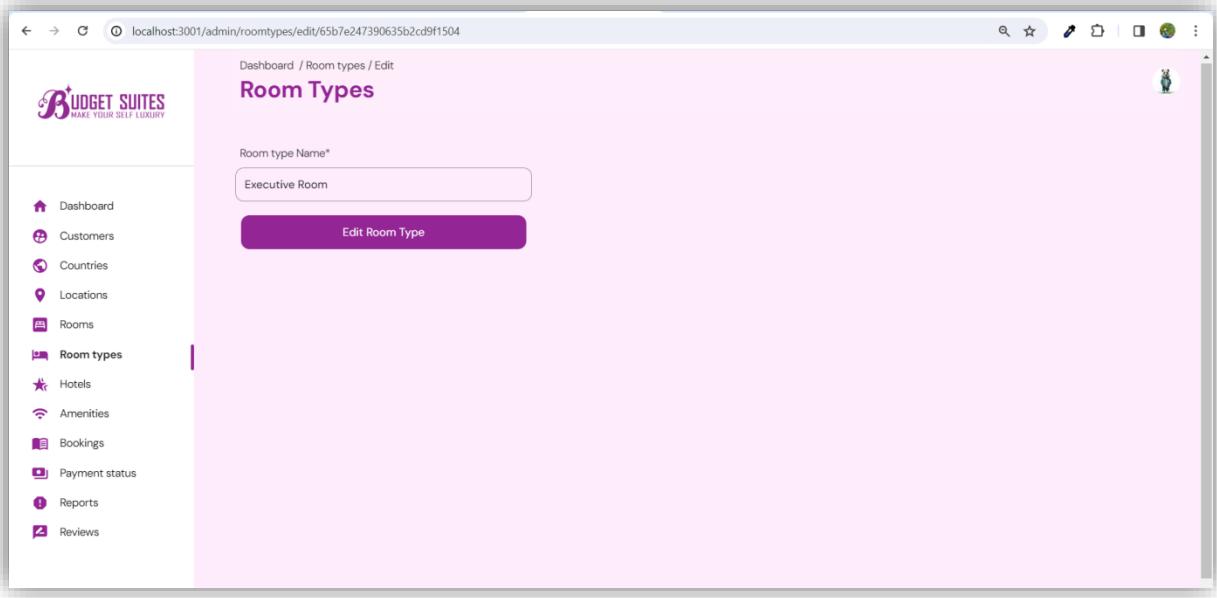
Name	Status	Actions
Villa Suite	✓	<input checked="" type="checkbox"/>  
Luxury rooms	✓	<input checked="" type="checkbox"/>  
Executive Room	✓	<input checked="" type="checkbox"/>  
Deluxe Room	✓	<input checked="" type="checkbox"/>  
Standard Room	✓	<input checked="" type="checkbox"/>  
Triple Room	✓	<input checked="" type="checkbox"/>  
Double Room	✓	<input checked="" type="checkbox"/>  
Single Room	✓	<input checked="" type="checkbox"/>  
Deluxe	✓	<input checked="" type="checkbox"/>  

Add Room Type



The screenshot shows a web browser window with the URL `localhost:3001/admin/roomtypes/add`. The page is titled "Room Types". On the left, there is a sidebar with the "BUDGET SUITES" logo and a list of navigation items: Dashboard, Customers, Countries, Locations, Rooms, Room types (which is the active item, highlighted in purple), Hotels, Amenities, Bookings, Payment status, Reports, and Reviews. The main content area has a form with a label "Room type Name*" and a text input field containing "Room type Name*". Below the input field is a purple button labeled "Add Room type".

Edit Room Type



The screenshot shows a web browser window with the URL `localhost:3001/admin/roomtypes/edit/65b7e247390635b2cd9f1504`. The page is titled "Room Types". The sidebar on the left is identical to the one in the previous screenshot, showing the "Room types" item as active. The main content area has a form with a label "Room type Name*" and a text input field containing "Executive Room". Below the input field is a purple button labeled "Edit Room Type".

Hotels List

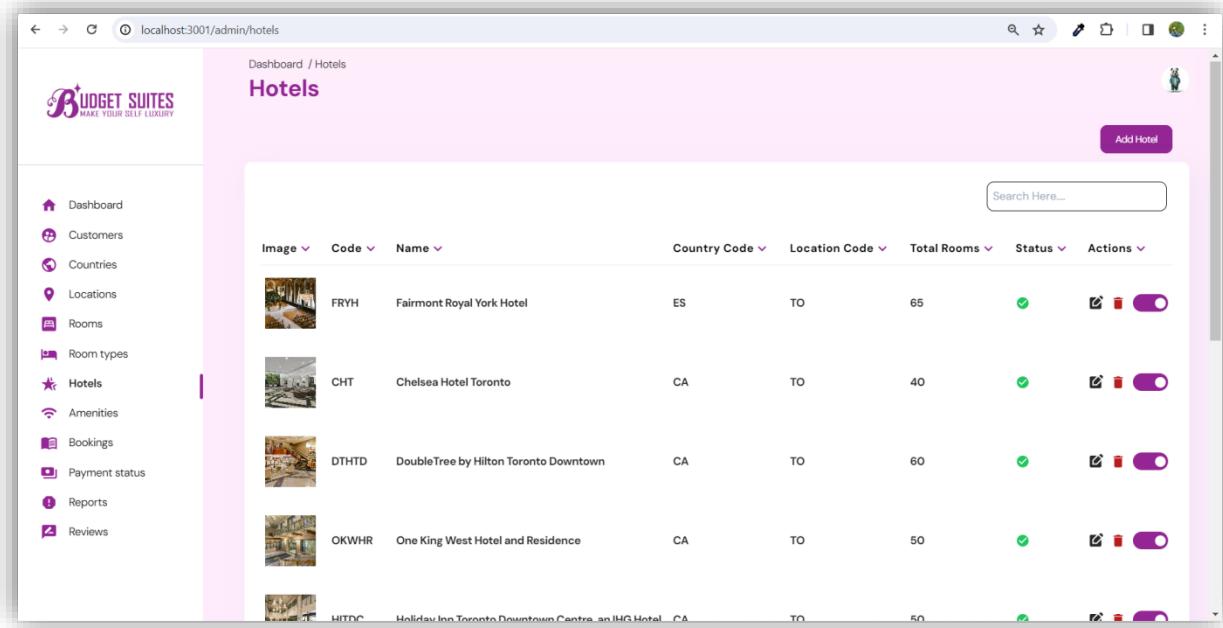
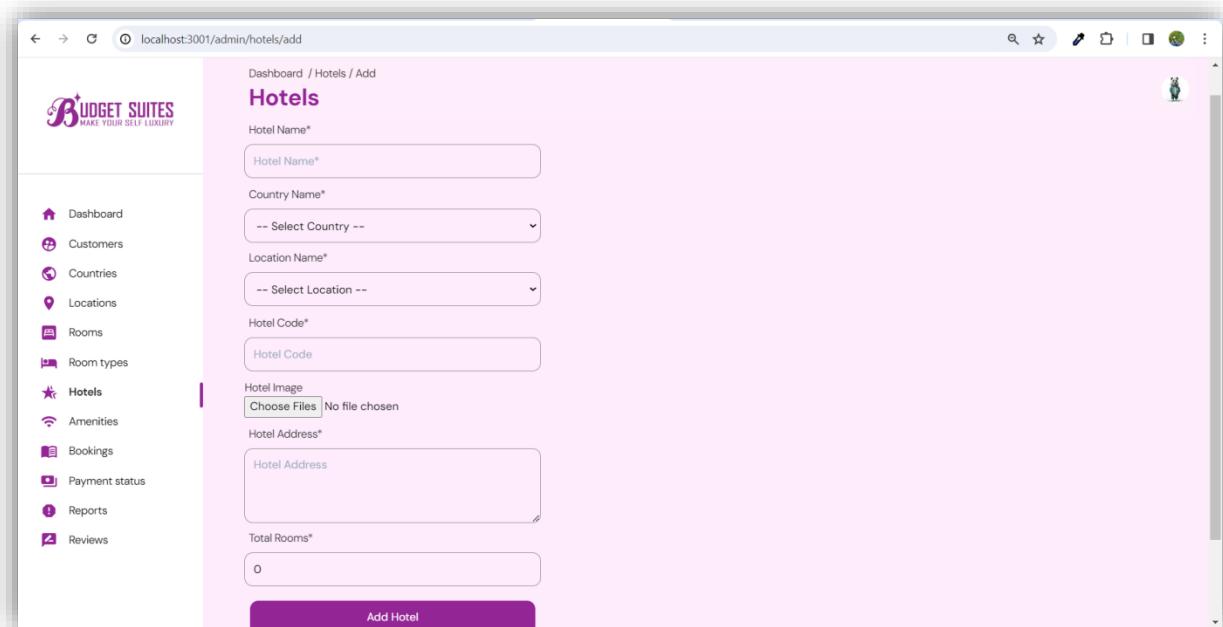


Image	Code	Name	Country Code	Location Code	Total Rooms	Status	Actions
	FRYH	Fairmont Royal York Hotel	ES	TO	65	✓	Edit Delete Toggle
	CHT	Chelsea Hotel Toronto	CA	TO	40	✓	Edit Delete Toggle
	DTHTD	DoubleTree by Hilton Toronto Downtown	CA	TO	60	✓	Edit Delete Toggle
	OKWHR	One King West Hotel and Residence	CA	TO	50	✓	Edit Delete Toggle
	HITDC	Holiday Inn Toronto Downtown Centre, an IHG Hotel	CA	TO	50	✓	Edit Delete Toggle

Add Hotel



Hotel Name*

Country Name*

Location Name*

Hotel Code*

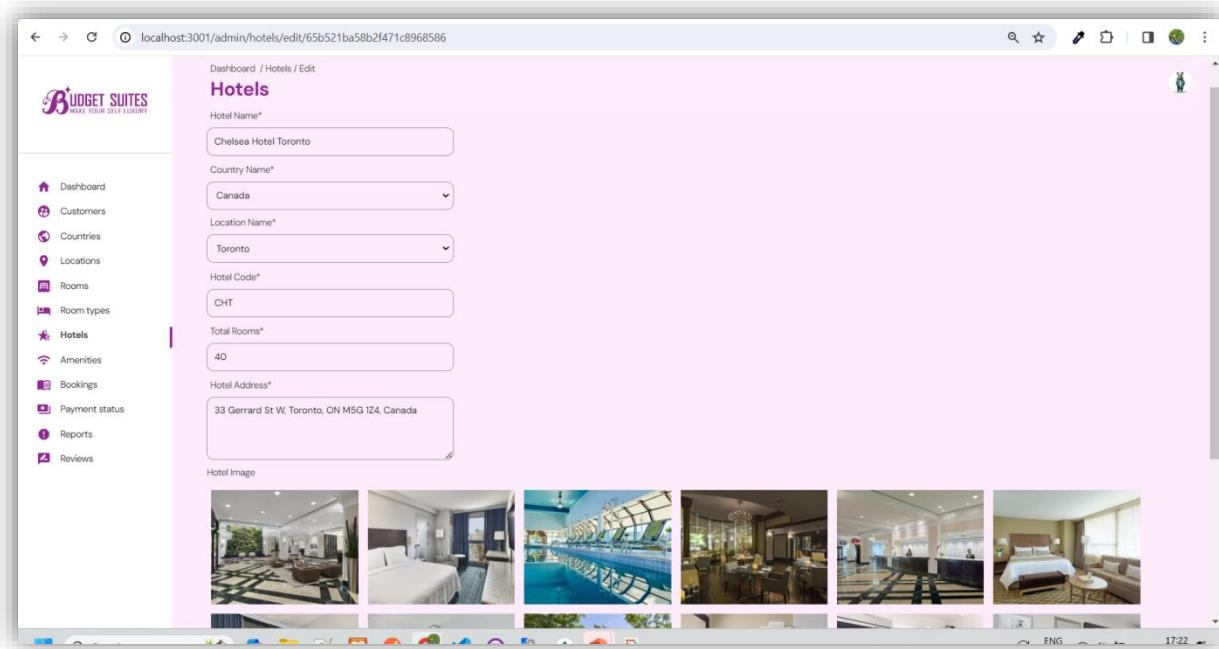
Hotel Image
 No file chosen

Hotel Address*

Total Rooms*

Add Hotel

Edit Hotel



localhost:3001/admin/hotels/edit/65b521ba58b2f471c8968586

Hotels

Hotel Name*
Chelsea Hotel Toronto

Country Name*
Canada

Location Name*
Toronto

Hotel Code*
CHT

Total Rooms*
40

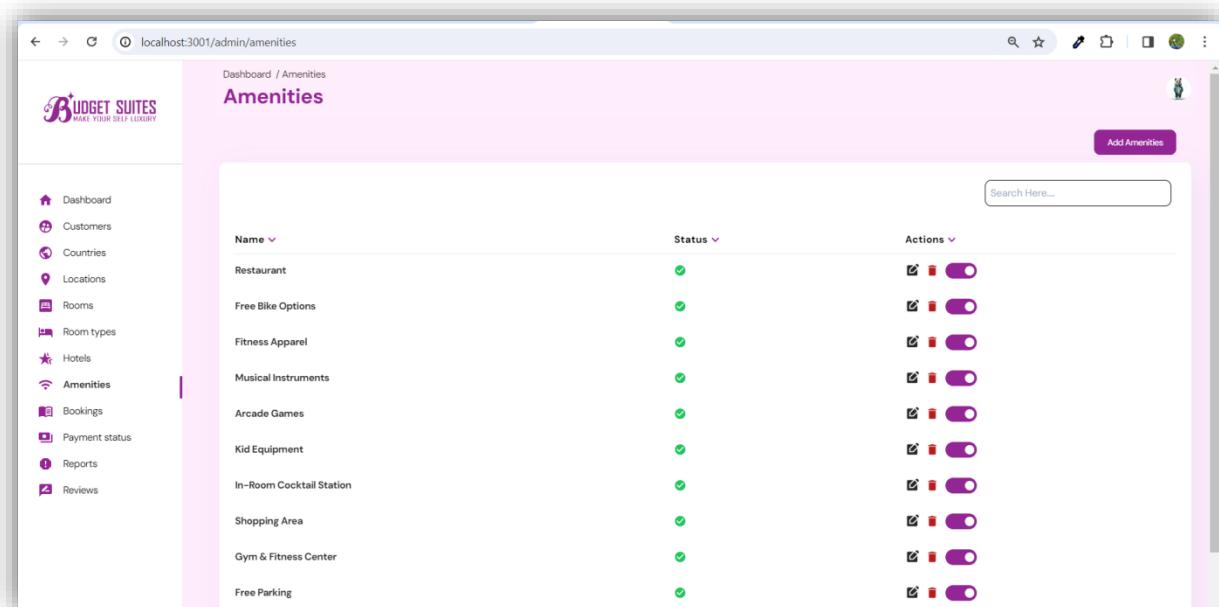
Hotel Address*
33 Gerrard St W, Toronto, ON M5G 1Z4, Canada

Hotel Image

Dashboard / Hotels / Edit

ENG 17:22

Amenities List



localhost:3001/admin/amenities

Amenities

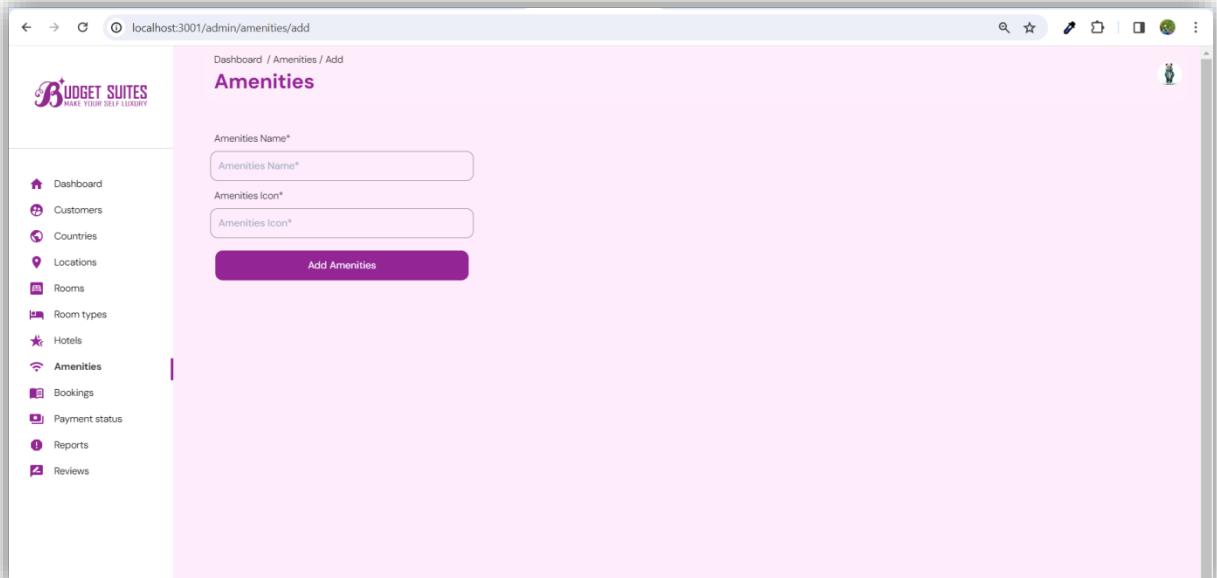
Add Amenities

Search Here...

Name	Status	Actions
Restaurant	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Free Bike Options	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Fitness Apparel	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Musical Instruments	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Arcade Games	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Kid Equipment	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
In-Room Cocktail Station	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Shopping Area	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Gym & Fitness Center	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Free Parking	✓	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

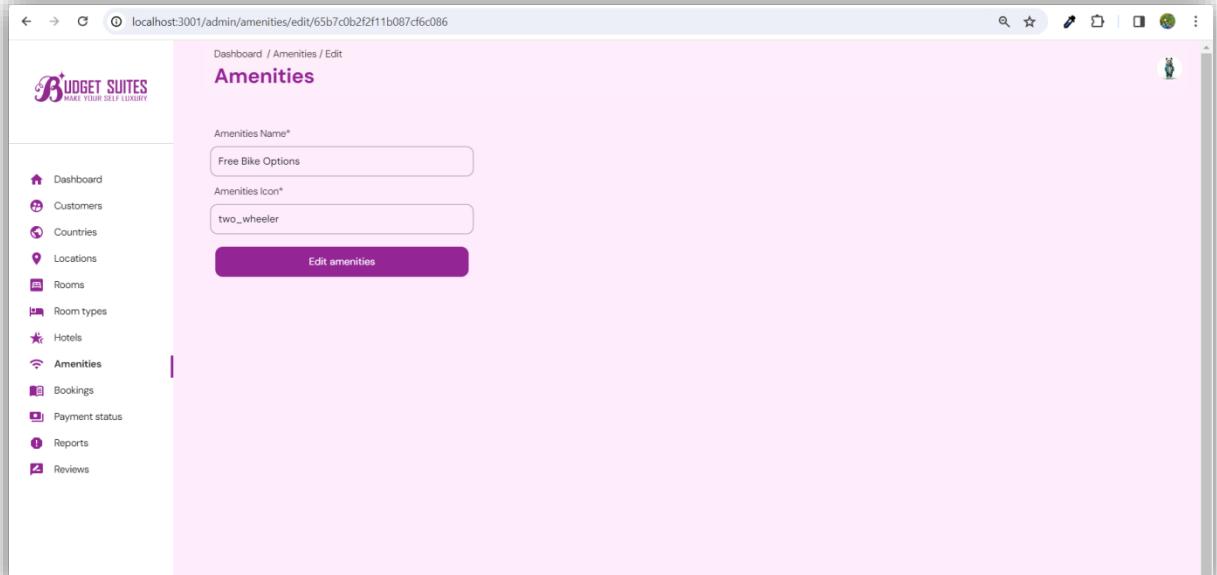
Dashboard / Amenities

Add Amenity



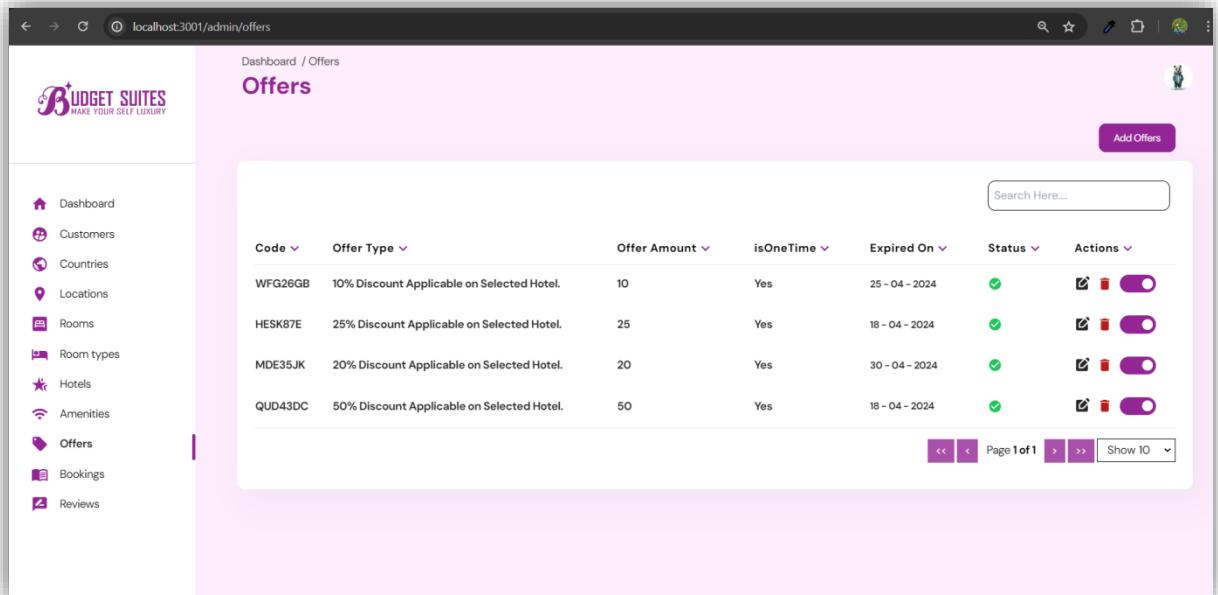
The screenshot shows a web browser window with the URL `localhost:3001/admin/amenities/add`. The page title is "Amenities". On the left, there is a sidebar with a "Budget Suites" logo and a list of navigation items: Dashboard, Customers, Countries, Locations, Rooms, Room types, Hotels, Amenities (which is the active tab, highlighted in purple), Bookings, Payment status, Reports, and Reviews. The main content area has two input fields: "Amenities Name*" and "Amenities Icon*", both with placeholder text. Below these fields is a purple "Add Amenities" button.

Edit Amenity



The screenshot shows a web browser window with the URL `localhost:3001/admin/amenities/edit/65b7c0b2f2f11b087cf6c086`. The page title is "Amenities". The sidebar is identical to the "Add Amenity" page, showing the "Amenities" tab as active. The main content area displays the current amenity details: "Amenities Name*" is "Free Bike Options" and "Amenities Icon*" is "two_wheeler". Below these fields is a purple "Edit amenities" button.

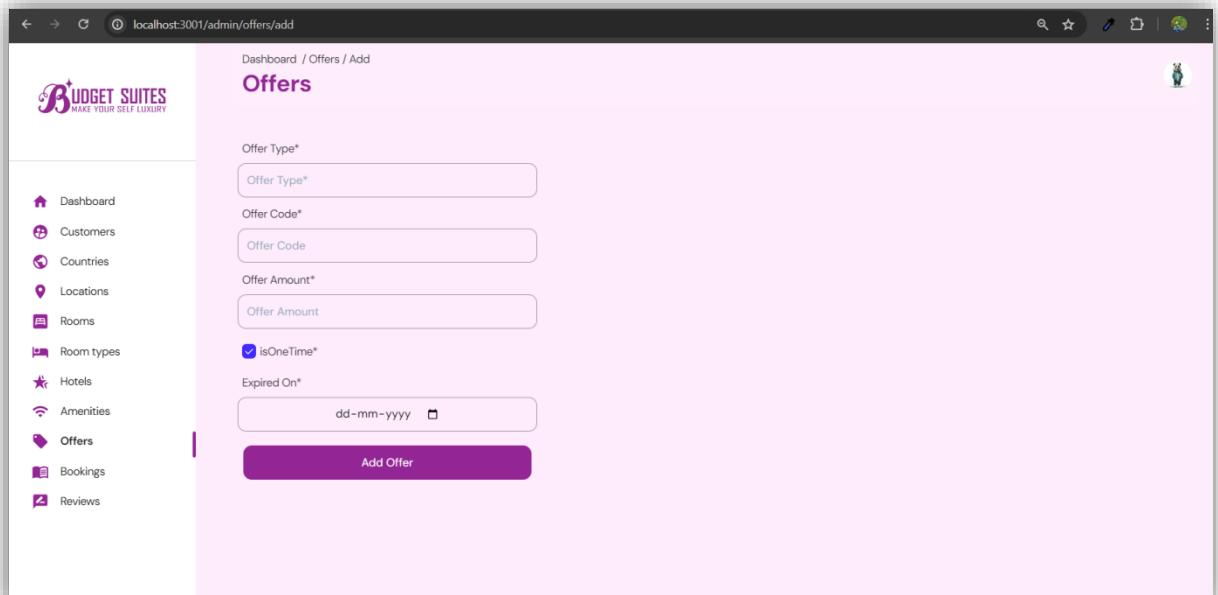
Offers List



The screenshot shows a list of offers with the following data:

Code	Offer Type	Offer Amount	isOneTime	Expired On	Status	Actions
WFG26GB	10% Discount Applicable on Selected Hotel.	10	Yes	25 - 04 - 2024	Green	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
HESK87E	25% Discount Applicable on Selected Hotel.	25	Yes	18 - 04 - 2024	Green	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
MDE35JK	20% Discount Applicable on Selected Hotel.	20	Yes	30 - 04 - 2024	Green	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
QUD43DC	50% Discount Applicable on Selected Hotel.	50	Yes	18 - 04 - 2024	Green	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

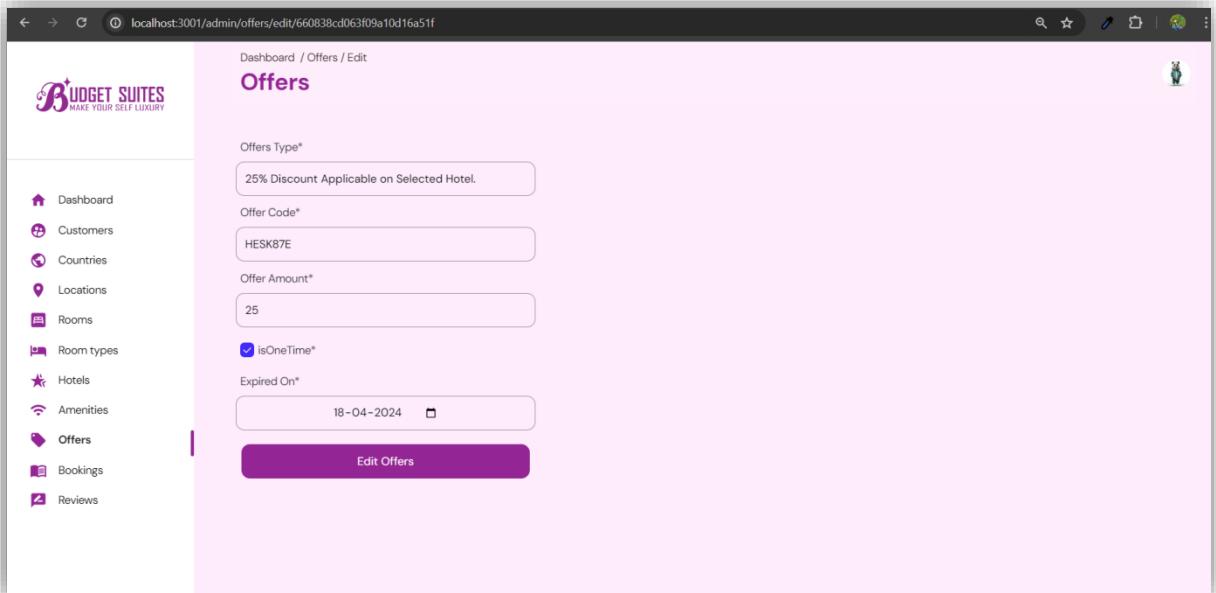
Add Offer



The screenshot shows the 'Add Offer' form with the following fields:

- Offer Type* (dropdown menu)
- Offer Code* (text input)
- Offer Amount* (text input)
- isOneTime* (checkbox)
- Expired On* (date input: dd-mm-yyyy)

Edit offer



Offers Type*

25% Discount Applicable on Selected Hotel.

Offer Code*

HESK87E

Offer Amount*

25

isOneTime*

Expired On*

18-04-2024

Edit Offers

Bookings

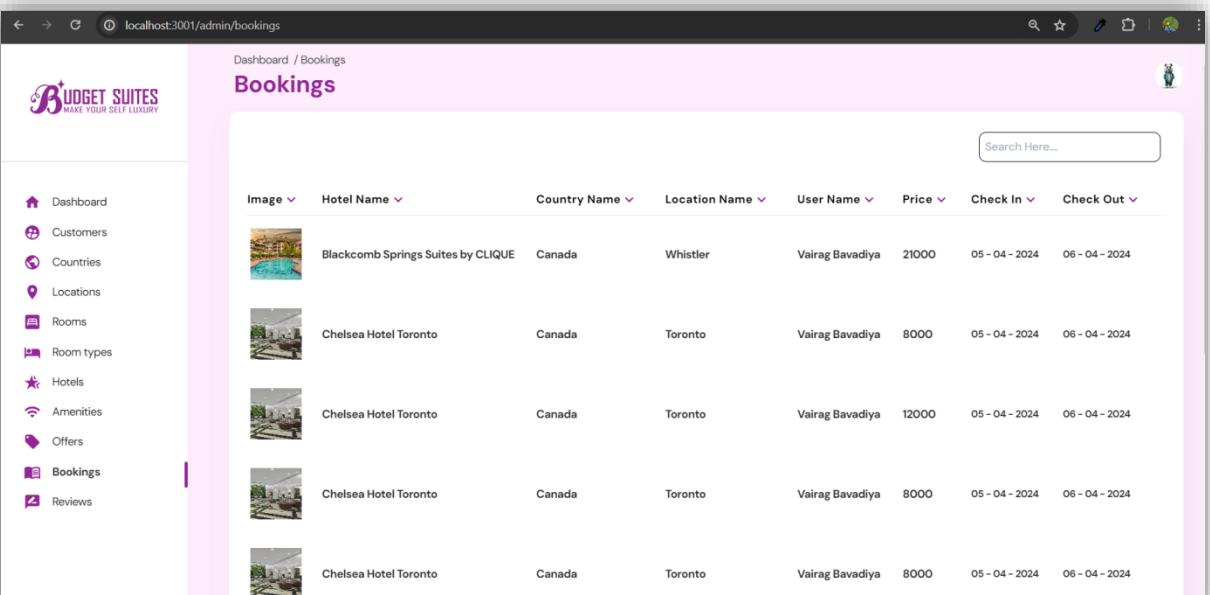
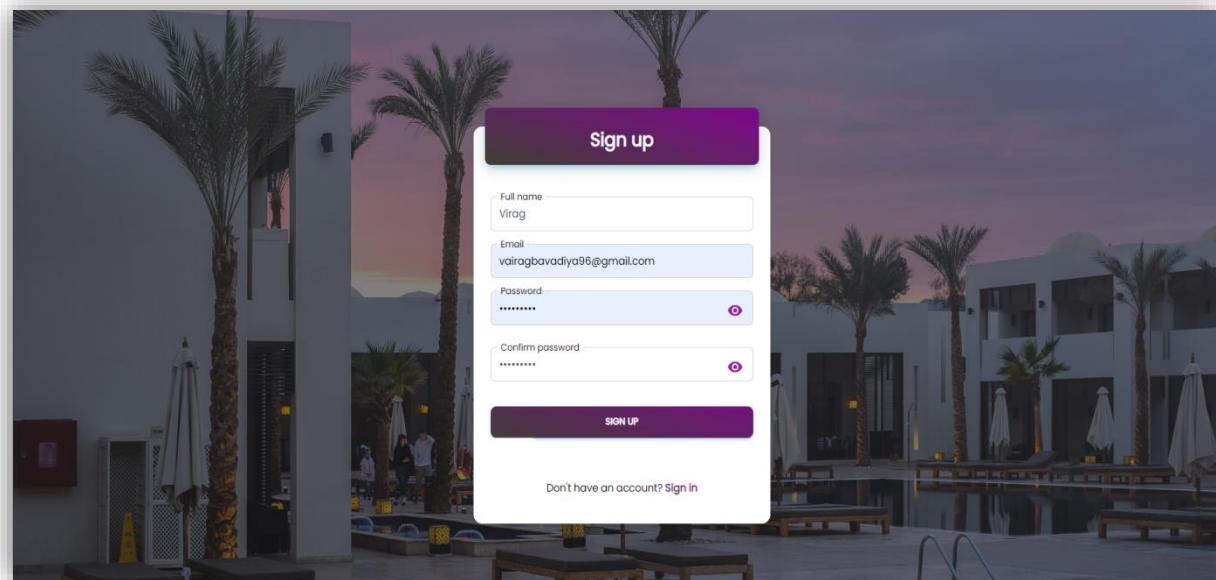


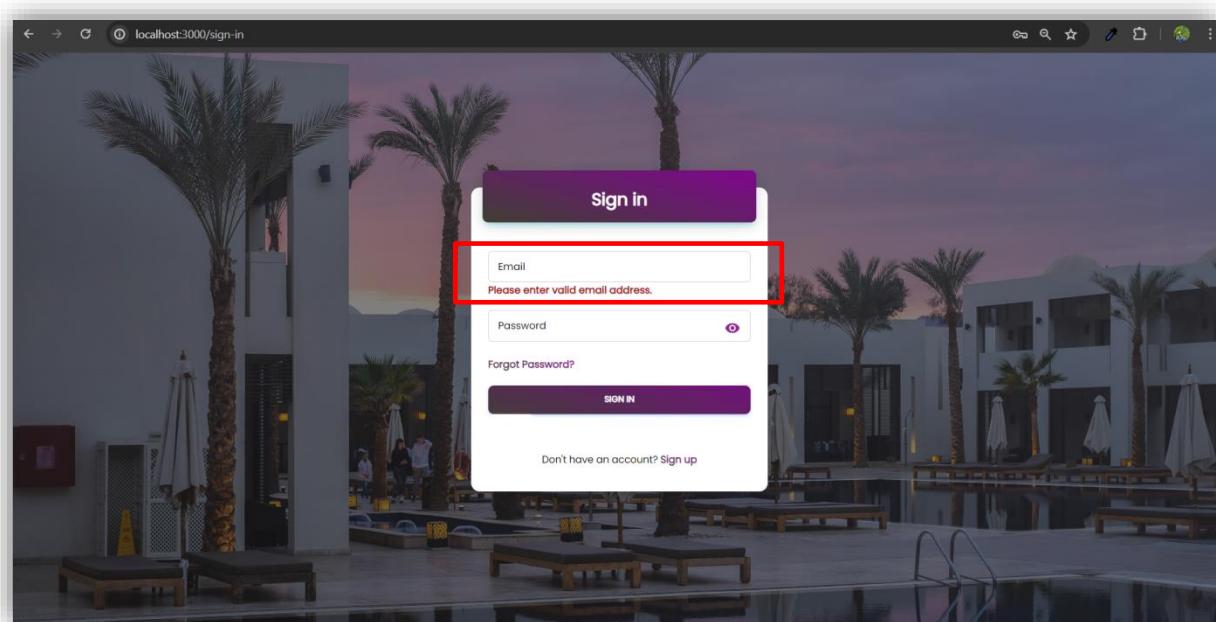
Image	Hotel Name	Country Name	Location Name	User Name	Price	Check In	Check Out
	Blackcomb Springs Suites by CLIQUE	Canada	Whistler	Vairag Bavadiya	21000	05-04-2024	06-04-2024
	Chelsea Hotel Toronto	Canada	Toronto	Vairag Bavadiya	8000	05-04-2024	06-04-2024
	Chelsea Hotel Toronto	Canada	Toronto	Vairag Bavadiya	12000	05-04-2024	06-04-2024
	Chelsea Hotel Toronto	Canada	Toronto	Vairag Bavadiya	8000	05-04-2024	06-04-2024
	Chelsea Hotel Toronto	Canada	Toronto	Vairag Bavadiya	8000	05-04-2024	06-04-2024

8.2. User Interface:

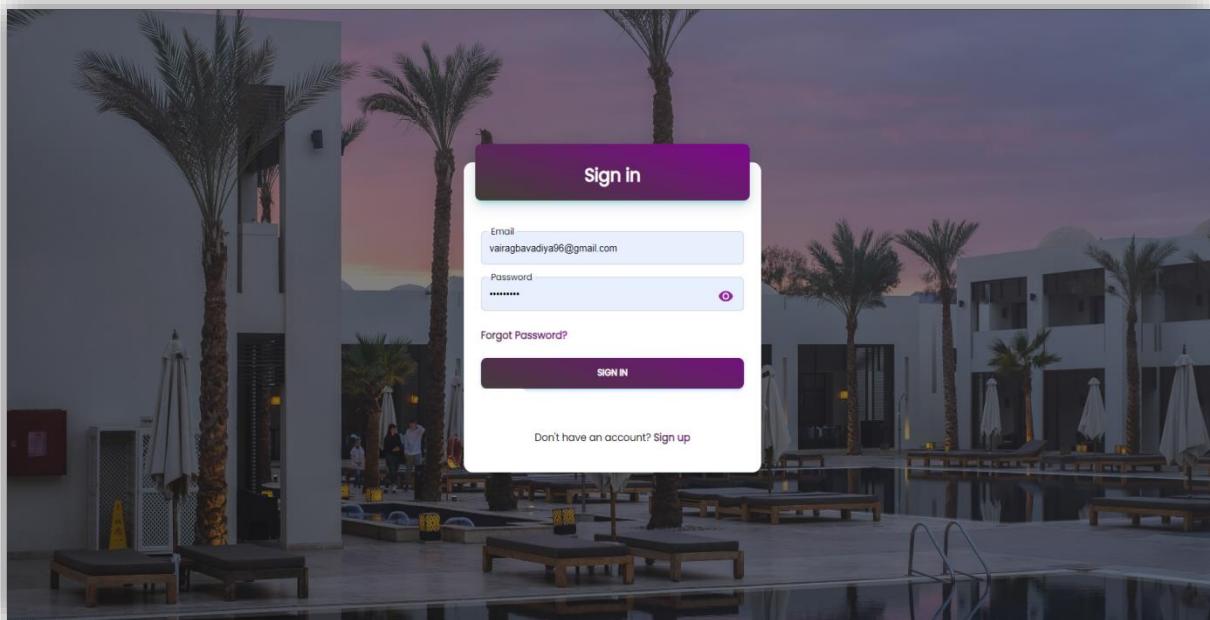
User Sign-up Page



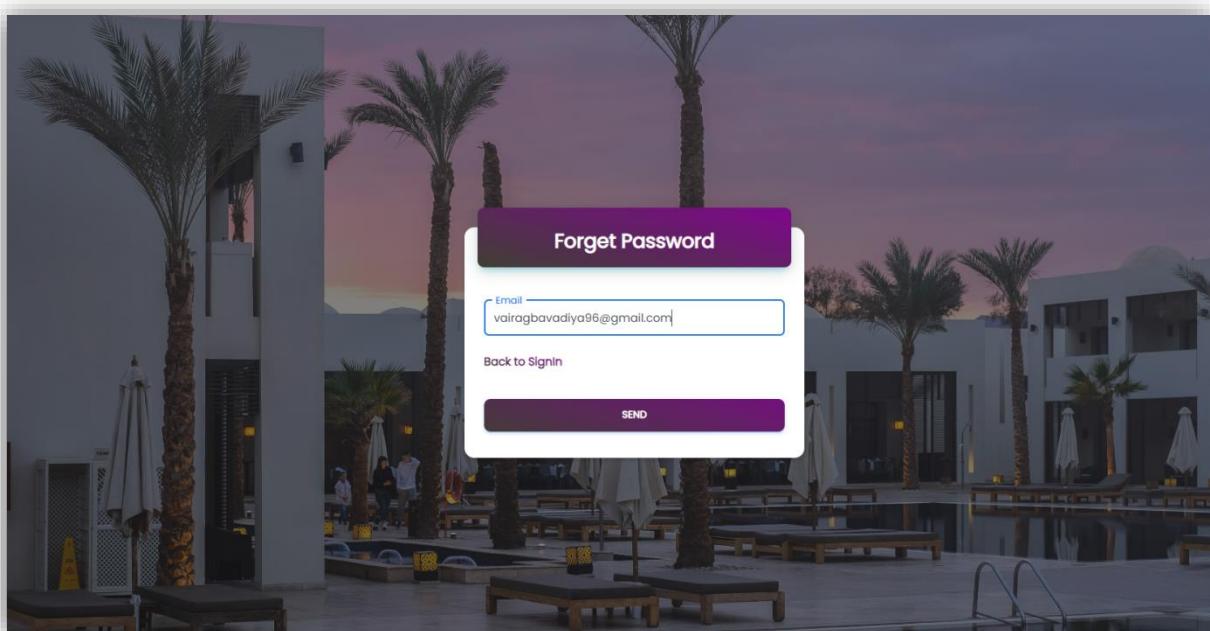
User Sign-in Validation



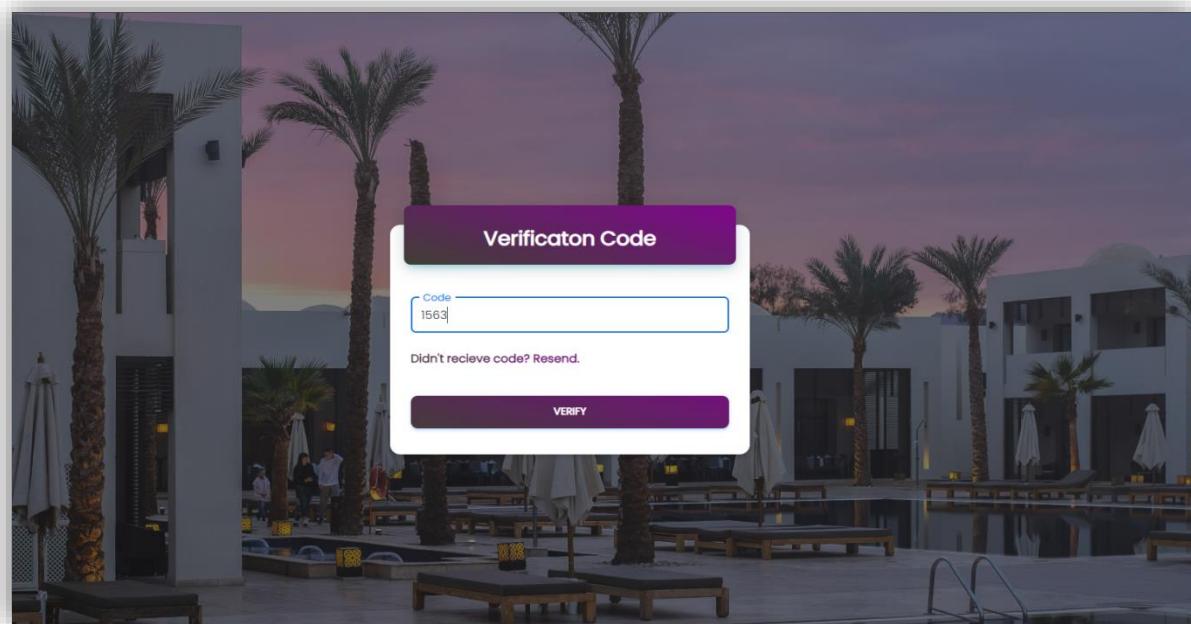
Sign-in Page



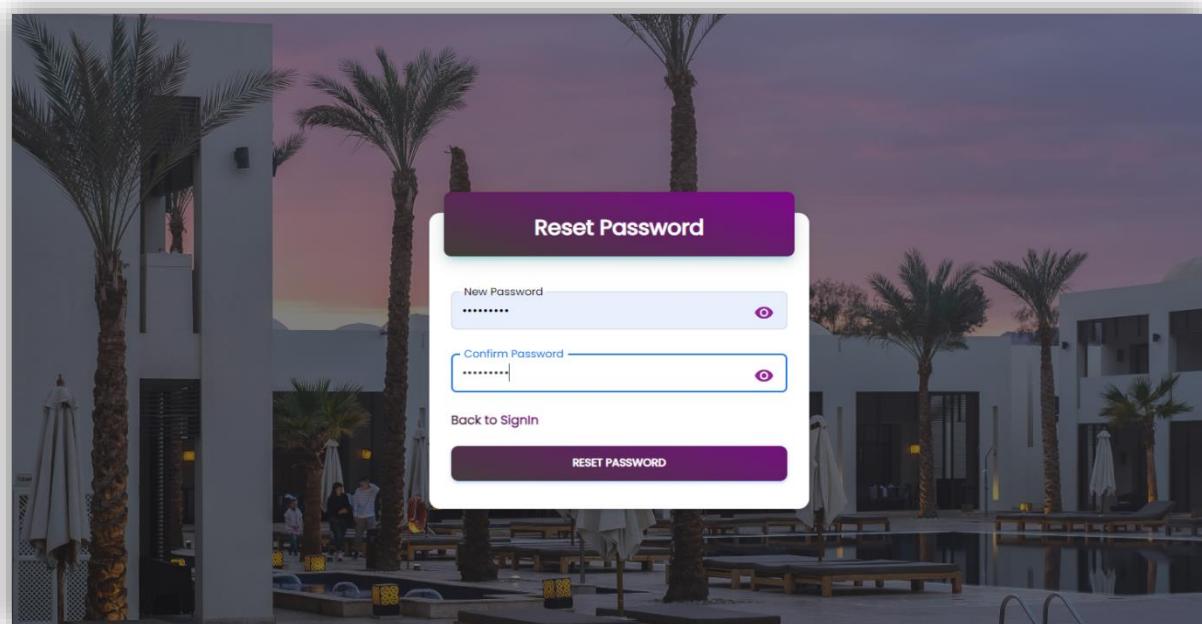
Forgot Password



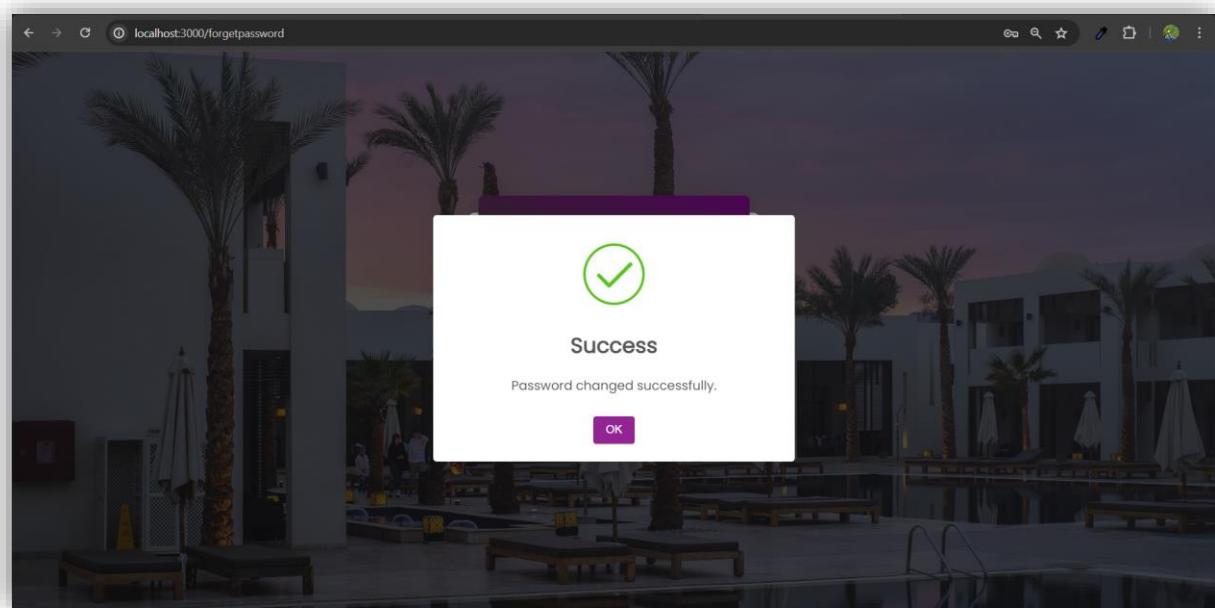
Verification Code



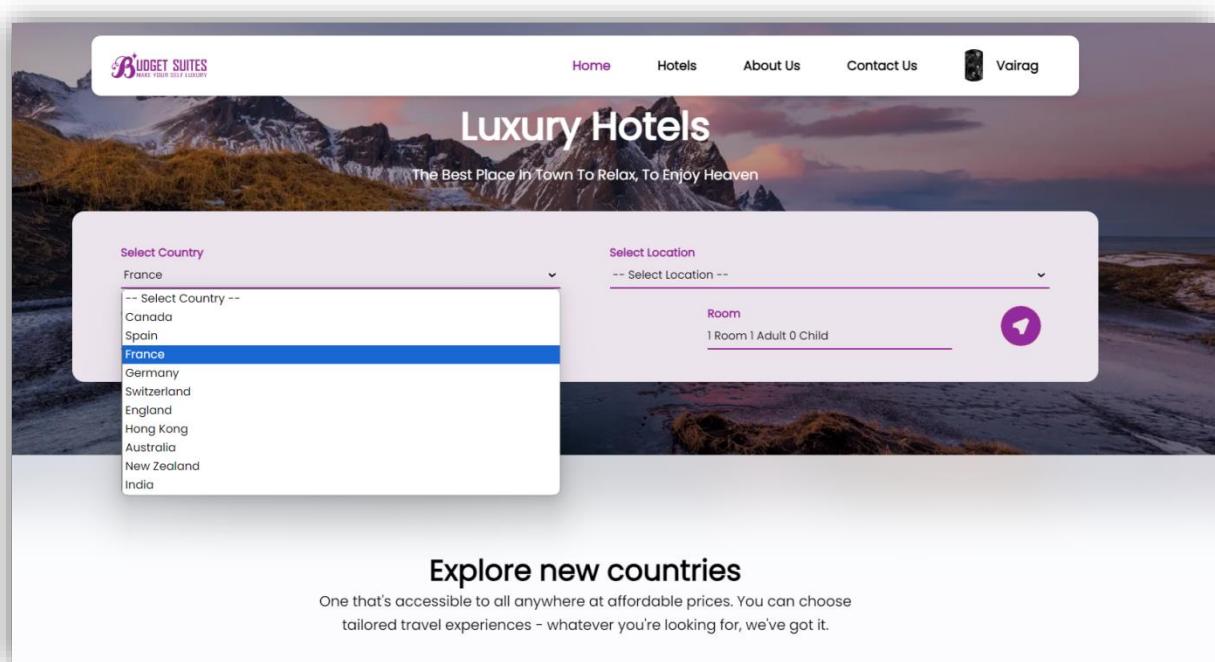
Reset Password



Reset Password Successful



Search Hotel



Select Country

France

-- Select Country --

- Canada
- Spain
- France**
- Germany
- Switzerland
- England
- Hong Kong
- Australia
- New Zealand
- India

Select Location

-- Select Location --

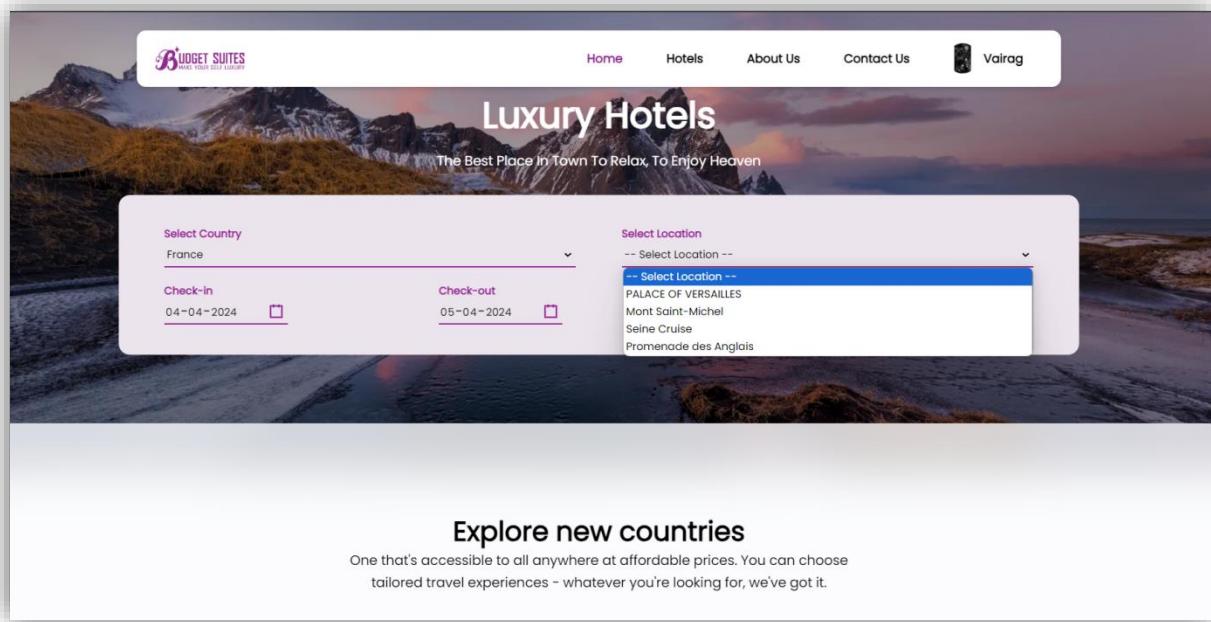
Room

1 Room 1 Adult 0 Child

Explore new countries

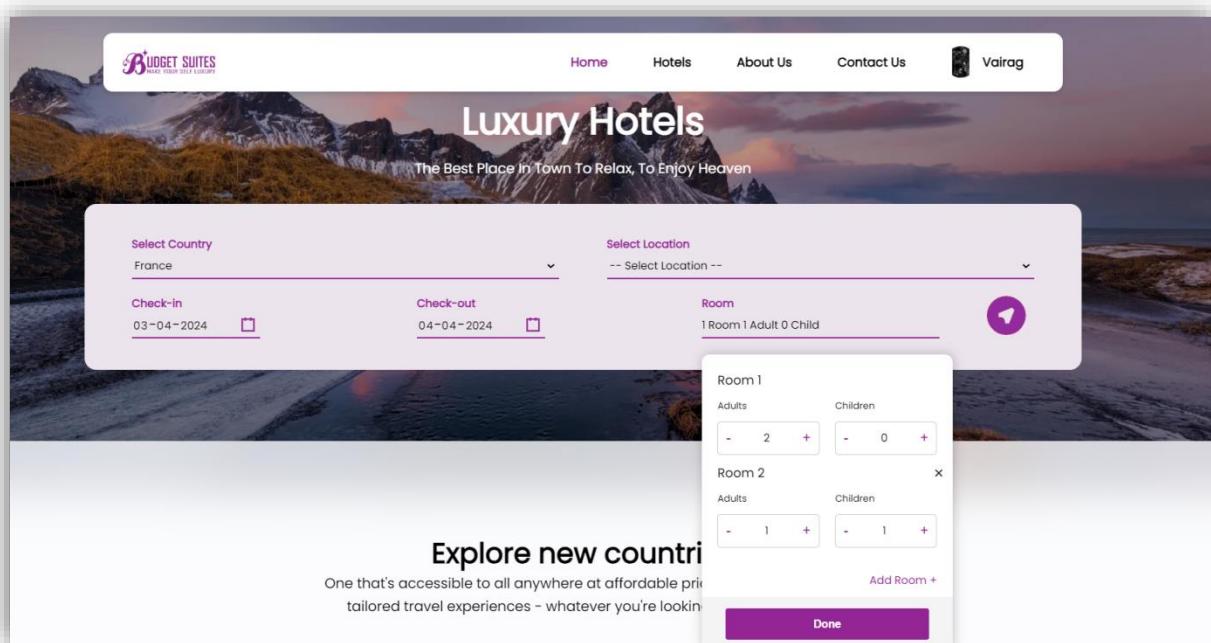
One that's accessible to all anywhere at affordable prices. You can choose tailored travel experiences - whatever you're looking for, we've got it.

Search Hotel Functionalities



The screenshot shows the homepage of the Budget Suites website. The header features the logo and the tagline "MAKE YOURSELF LUXURY". The main banner displays a scenic mountain landscape with the text "Luxury Hotels" and "The Best Place In Town To Relax, To Enjoy Heaven". Below the banner, there are search filters: "Select Country" (set to France), "Check-in" (04-04-2024), "Check-out" (05-04-2024), and a dropdown menu for "Select Location" which is currently expanded, showing options like "PALACE OF VERSAILLES", "Mont Saint-Michel", "Seine Cruise", and "Promenade des Anglais". A promotional box in the center says "Explore new countries" with the subtext "One that's accessible to all anywhere at affordable prices. You can choose tailored travel experiences - whatever you're looking for, we've got it."

Search Hotel Functionalities



This screenshot shows the same website interface as the previous one, but with a room selection overlay. The overlay is titled "Room" and shows "1 Room 1 Adult 0 Child". It includes two sections for "Room 1" and "Room 2", each with "Adults" and "Children" count sliders. A "Done" button is at the bottom right of the overlay. The background banner and filters are identical to the first screenshot.

Home Page

Explore new countries

One that's accessible to all anywhere at affordable prices. You can choose tailored travel experiences - whatever you're looking for, we've got it.



• • • • •

Home Page

Explore new hotels

One that's accessible to all anywhere at affordable prices. You can choose tailored travel experiences - whatever you're looking for, we've got it.



Fairmont Royal York Hotel
100 Front St W, Toronto, ON M5J 1E3, Canada

Chelsea Hotel Toronto
33 Gerrard St W, Toronto, ON M5G 1Z4, Canada

DoubleTree by Hilton Toronto Downtown
108 Chestnut St, Toronto, ON M5G 1R3, Canada



Home Page

Customers Reviews

Nick Willever
① 1 day ago

"Looks exactly what is posted here. Great service and awesome stay!"

★★★★★

Shalish Kushwaha
① 1 week ago

"Brilliant hotel staff where excellent and very professionals"

★★★★★

Samuel Kamuli
① 3 weeks ago

"If you want to stay for a night and have a good privacy, book right now."

★★★★★

About Us



User-Friendly Interface
Our intuitive interface ensures effortless navigation, allowing visitors to seamlessly find, compare, and book hotels with ease.



Comprehensive Hotel Listings
Explore a wide array of hotels with detailed information, including amenities, room types, rates, and customer reviews.



Secure Booking System
Rest assured with our secure booking platform and multiple payment options, ensuring peace of mind for users.



Responsive Customer Support
24/7 responsive customer support available via live chat, email, and phone for seamless assistance throughout your booking process.



Get Insights On Search
Website visitors today demand a frictionless user experience — especially when using search. Because of the high standards.

[FIND OUT MORE](#)

About Us

The Executive Team

There's nothing I really wanted to do in life that I wasn't able to get good at. That's my skill.



Yash Bhimani
Developer

I am an innovative developer experienced in Angular and React..



Virag Bavadiya
Developer

I develop dynamic and responsive interfaces that meet client needs..



Darshan Mangukiya
Designer

A graphic designer is a professional who uses their artistic abilities

10

Countries

Countries are sovereign territories with defined borders and unique.

50

Locations

Locations encompass specific points or areas on the Earth's.

228

Hotels

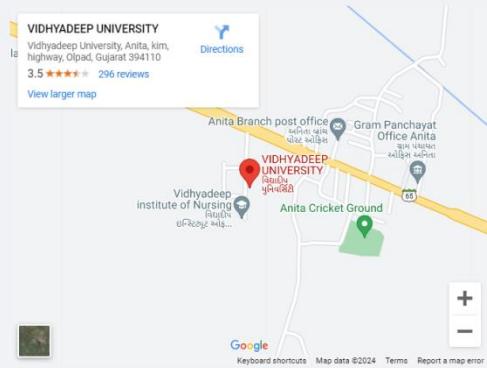
Hotels are accommodations that offer lodging, meals.

24/7

Support

Actively engage team members that finishes on time

Contact Us



VIDHYADEEP UNIVERSITY
Vidhyadeep University, Anita, km, highway, Olpad, Gujarat 394110
3.5 ★★★★★ 296 reviews
[View larger map](#)

[Directions](#)

Keyboard shortcuts Map data ©2024 Terms Report a map error

Get in touch

Are easy to find, so a visitor can quickly get in touch with you.

Full Name

Email

What can we help you?
Describe your problem in at least 250 characters

[SEND MESSAGE](#)

Hotels List Page With Filter

Filters Clear All

Room Types

- Luxury rooms
- Executive Room
- Deluxe Room
- Standard Room
- Triple Room
- Double Room
- Single Room
- Villa Suites
- Super Deluxe

Amenities

- Restaurant
- Free Bike Options
- Fitness Apparel
- Musical Instruments
- Arcade Games
- Kid Equipment
- In-Room Cocktail Station



DoubleTree by Hilton Toronto
Downtown
Toronto

₹4000.00



Holiday Inn Toronto Downtown Centre,
an IHG Hotel
Toronto

₹3500.00

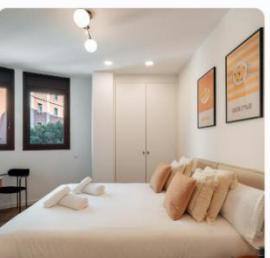


Radisson Hotel Winnipeg Downtown
Manitoba

₹3500.00







Hotel Details

BUDGET SUITES
MAKE YOURSELF LUXURY

[Home](#) [Hotels](#) [About Us](#) [Contact Us](#)
Vairag

Check-in
04-04-2024 X

Check-out
05-04-2024 X

Room
1 Room 1 Adult 0 Child

↻

← **Blackcomb Springs Suites by CLIQUE**
4899 Painted Cliff Rd, Whistler, BC V8E 1E2, Canada





Hotel Details Functionalities

Check-in: 04-04-2024

Check-out: 05-04-2024

Room: 3 Rooms 3 Adults 0 Child

← Blackcomb Springs Suites by CLIQUE
4899 Painted Cliff Rd, Whistler, BC V8E 1E2, Canada

Room 1
Adults: 1 Children: 0

Room 2
Adults: 1 Children: 0

Room 3
Adults: 1 Children: 0

Done

Hotel Details Functionalities

Standard Room

Guests/Rooms
Adults: 4
Children: 2
Total Rooms: 20

Price
£7000 per adult

Select Rooms
3 (₹21000)

Double Room

Single Room

What is this place offers

Steam Bath

Spa

Coffee center

Smart TV

Kid Equipment

Payment

Who's checking in

Room 1

Vairag

Bavadiya

99094091**

vairagbavadiya5@gmail.com

Room 2

Yash

Bhimani

Room 3

Kavita

Bavadiya

Discount Coupon

APPLY COUPON

PROCEED TO PAYMENT

Hotel Details



Blackcomb Springs Suites by CLIQUE
4899 Painted Cliff Rd, Whistler, BC V8E 1E2, Canada

Check In 05 Apr 2024	→	Check Out 06 Apr 2024
Room 1: 1 Adult 0 Children Room 2: 1 Adult 0 Children Room 3: 1 Adult 0 Children		
Price	₹21000.00	Total
	₹21000.00	

Hotel Booking With Discount

Who's checking in

Room 1

Vairag

Bavadiya

99094091**

vairagbavadiya5@gmail.com

Room 2

Yash

Bhimani

Room 3

Kavita

Bavadiya

Discount Coupon

APPLY COUPON

PROCEED TO PAYMENT

Hotel Details

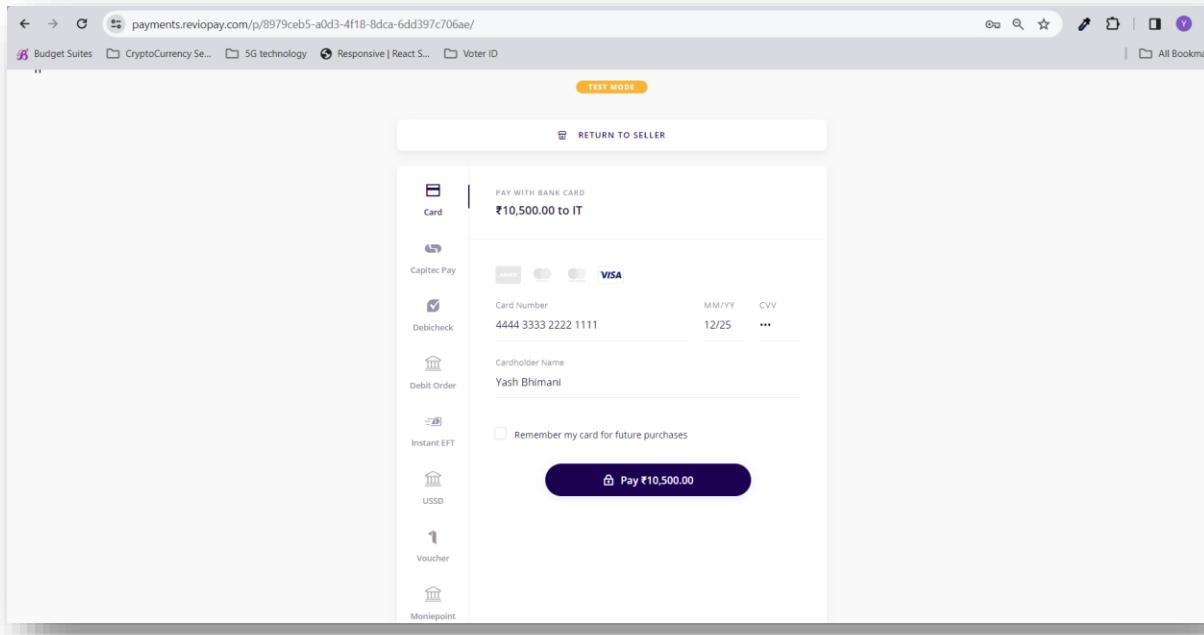


Blackcomb Springs Suites by CLIQUE
4899 Painted Cliff Rd, Whistler, BC V8E 1E2, Canada

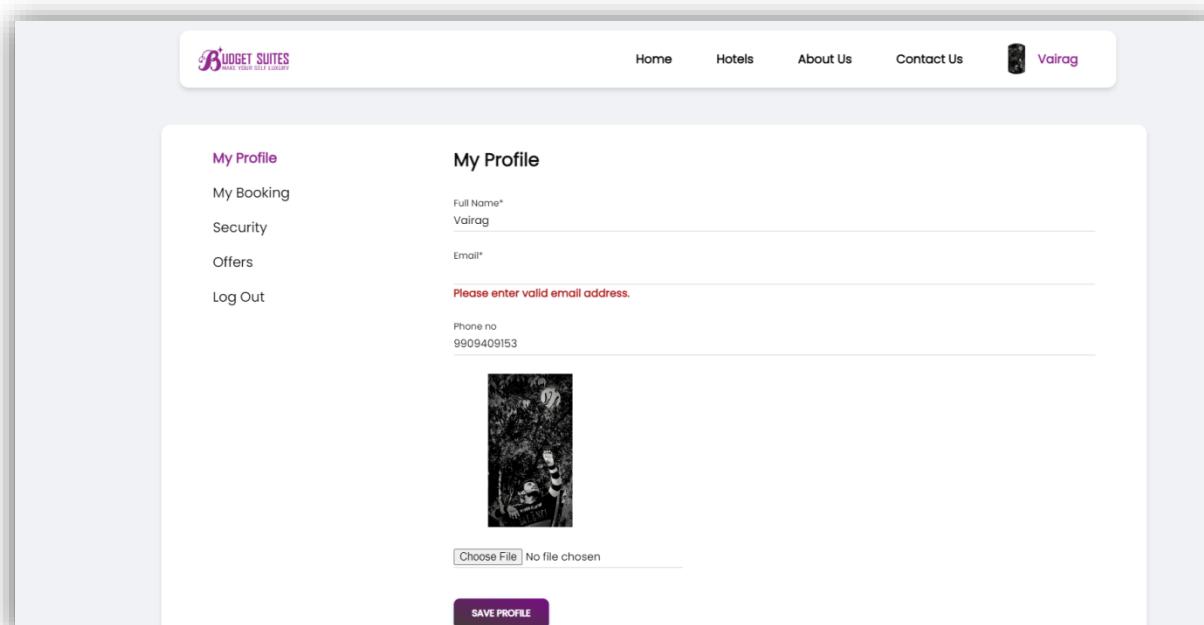
Check In 05 Apr 2024	→	Check Out 06 Apr 2024
Room 1: 1 Adult 0 Children Room 2: 1 Adult 0 Children Room 3: 1 Adult 0 Children		
Price	₹21000.00	Discount
	₹10500.00	Total
	₹10500.00	

63

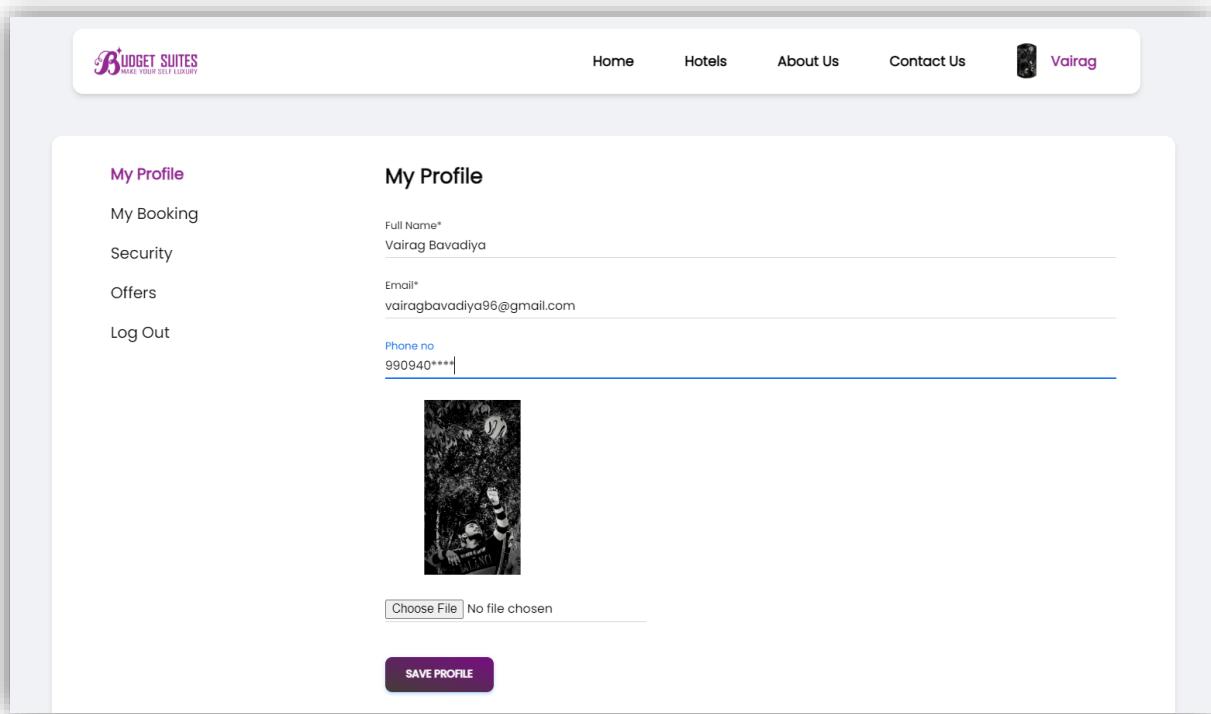
Payment With Discount



User's Profile Validation

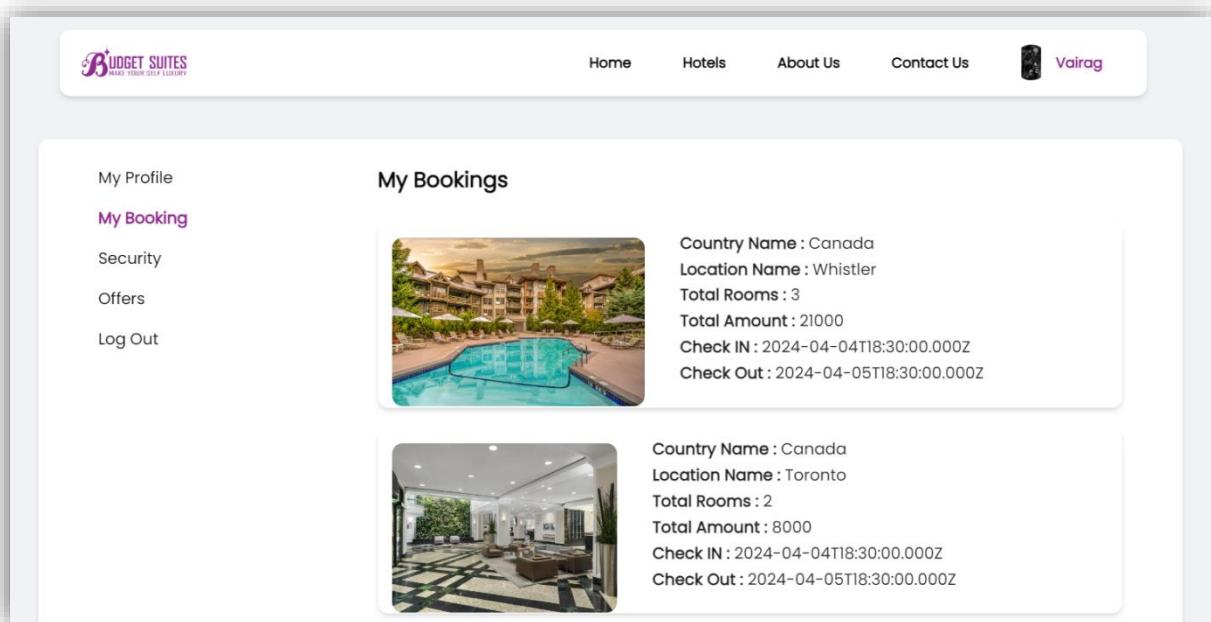


User's Profile



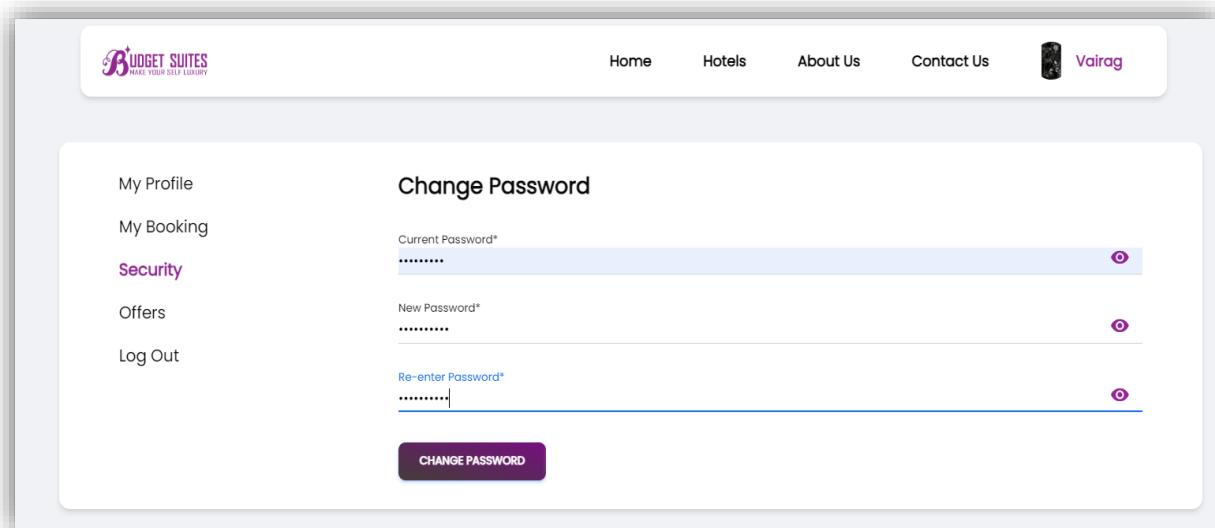
The screenshot shows the 'My Profile' section of the Budget Suites website. The top navigation bar includes links for Home, Hotels, About Us, Contact Us, and a user icon labeled 'Vairag'. The left sidebar has links for My Profile, My Booking, Security, Offers, and Log Out. The main content area is titled 'My Profile' and contains fields for Full Name* (Vairag Bavadiya), Email* (vairagbavadiya96@gmail.com), and Phone no* (990940****). Below these fields is a placeholder image for a profile picture, with a 'Choose File' button and 'No file chosen' text. A 'SAVE PROFILE' button is at the bottom.

User's Booking



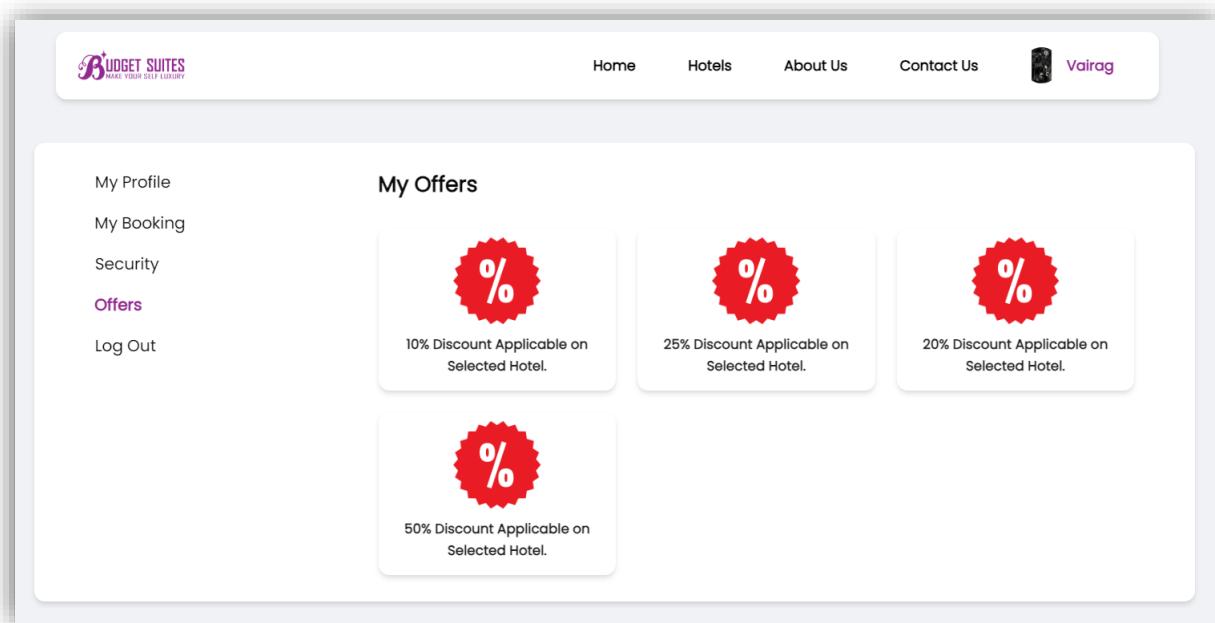
The screenshot shows the 'My Bookings' section of the Budget Suites website. The top navigation bar includes links for Home, Hotels, About Us, Contact Us, and a user icon labeled 'Vairag'. The left sidebar has links for My Profile, My Booking, Security, Offers, and Log Out. The main content area is titled 'My Bookings' and displays two booking entries. Each entry includes a thumbnail image, country and location details, room count, total amount, and check-in/out dates. The first booking is for Canada, Whistler, with 3 rooms, total amount 21000, and dates from 2024-04-04 to 2024-04-05. The second booking is for Canada, Toronto, with 2 rooms, total amount 8000, and dates from 2024-04-04 to 2024-04-05.

Security



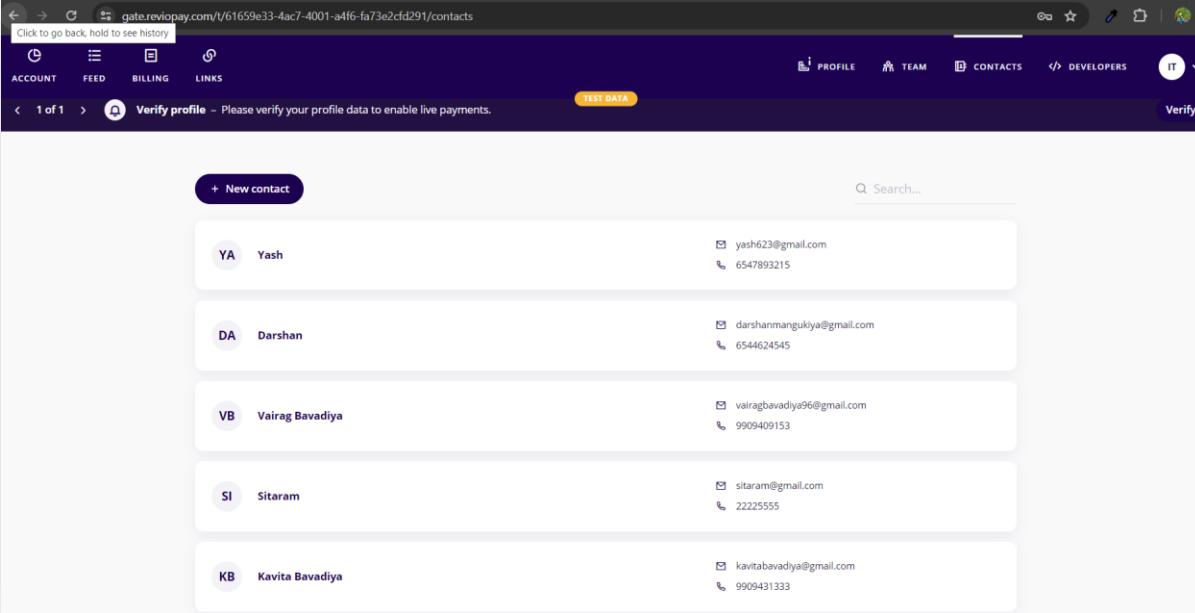
The screenshot shows the 'Change Password' screen of the Budget Suites mobile application. At the top, there is a navigation bar with the 'BUDGET SUITES' logo, 'Home', 'Hotels', 'About Us', 'Contact Us', and a user profile icon labeled 'Vairag'. On the left, a sidebar menu lists 'My Profile', 'My Booking', 'Security' (which is bolded), 'Offers', and 'Log Out'. The main content area is titled 'Change Password' and contains three input fields: 'Current Password*', 'New Password*', and 'Re-enter Password*'. Each input field has a red eye icon to the right for password visibility. A 'CHANGE PASSWORD' button is located at the bottom of the form.

Offers



The screenshot shows the 'My Offers' screen of the Budget Suites mobile application. At the top, there is a navigation bar with the 'BUDGET SUITES' logo, 'Home', 'Hotels', 'About Us', 'Contact Us', and a user profile icon labeled 'Vairag'. On the left, a sidebar menu lists 'My Profile', 'My Booking', 'Security', 'Offers' (which is bolded), and 'Log Out'. The main content area is titled 'My Offers' and displays four promotional offers, each featuring a red circular icon with a percentage sign (%). The offers are: '10% Discount Applicable on Selected Hotel.', '25% Discount Applicable on Selected Hotel.', '20% Discount Applicable on Selected Hotel.', and '50% Discount Applicable on Selected Hotel.'.

Reviopay Payment Contacts



gate.reviopay.com/t/61659e33-4ac7-4001-a4f6-fa73e2cf291/contacts

Click to go back. Hold to see history.

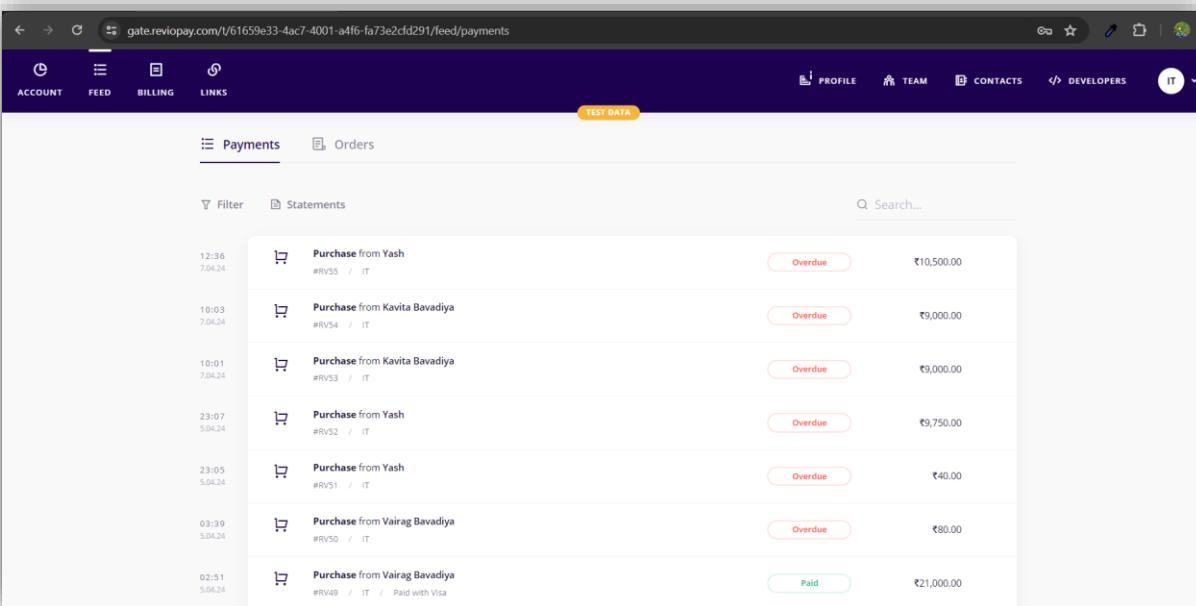
ACCOUNT FEED BILLING LINKS PROFILE TEAM CONTACTS DEVELOPERS IT TEST DATA Verify

1 of 1 Verify profile - Please verify your profile data to enable live payments.

+ New contact Search...

Initials	Name	Email	Phone
YA	Yash	yash623@gmail.com	6547893215
DA	Darshan	darshannmangalkiya@gmail.com	6544624545
VB	Vairag Bavadiya	vairagbavadiya96@gmail.com	9909409153
SI	Sitaram	sitaram@gmail.com	22225555
KB	Kavita Bavadiya	kavitabavadiya@gmail.com	9909431333

Raviopay Feeds



gate.reviopay.com/t/61659e33-4ac7-4001-a4f6-fa73e2cf291/feed/payments

ACCOUNT FEED BILLING LINKS PROFILE TEAM CONTACTS DEVELOPERS IT TEST DATA

Payments Orders

Filter Statements Search...

Date	Description	Status	Amount
12:36 7.04.24	Purchase from Yash #RV55 / IT	Overdue	₹10,500.00
10:03 7.04.24	Purchase from Kavita Bavadiya #RV54 / IT	Overdue	₹9,000.00
10:01 7.04.24	Purchase from Kavita Bavadiya #RV53 / IT	Overdue	₹9,000.00
23:07 5.04.24	Purchase from Yash #RV52 / IT	Overdue	₹9,750.00
23:05 5.04.24	Purchase from Yash #RV51 / IT	Overdue	₹40.00
03:39 5.04.24	Purchase from Vairag Bavadiya #RV50 / IT	Overdue	₹80.00
02:51 5.04.24	Purchase from Vairag Bavadiya #RV49 / IT / Paid with Visa	Paid	₹21,000.00

Footer



About Us

Our Website Is A Commercial Establishment That Provides Lodging, Meals, And Other Services To Guests, Travellers, And Tourists.

Quick Links

[Home](#)
[About Us](#)
[Contact Us](#)
[Account](#)

Contact Us

Darshanmangukiya4@gmail.com
8866638422

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9. Testing

9.1 Software Testing

Testing is the process of evaluating a system or its components with the intent to find whether it satisfies the specified requirement or not.

There are mainly two type of testing:

➤ Black box testing

Black box testing is testing without knowledge of the internal workings of the being tested. For example, when black box testing is applied to software engineering, the tester would only know the legal inputs and what the expected outputs should be, but now the program actually arrives at those outputs. It is because of this that black box testing can be considered testing with respect to the specification, no other knowledge of the program is necessary. For this reason, the tester and the programmer can be independent of one other, avoiding programmer bias toward his own work.

➤ White box testing

White box testing strategy deals with the internal logic and structure of the code. White box testing is also called as glass, structural, open box or clear box testing. The tests written based on the white box testing strategy incorporate coverage of the code written, branches, paths, statements and internal logic of the code etc. In order to implement white box testing, the tester has to deal with the code and hence is needed to possess knowledge of coding and logic i.e. internal working of the code. White box test also needs the tester to look into the code and find out which init/statement/chunk of the code is malfunctioning.

9.2 Unit Testing

This type of testing is performed by developers before the setup is handed over to the testing team to formally the test cases.

9.3 System Testing

System testing tests the system as a whole. Once all the components are integrated, the application as a whole is tested rigorously to see it meets the specified Quality standards. This type of testing is performed by a specialized testing team.

9.4 Test Cases

Step	Test Steps	Expected Results	Actual Result	Status
1	Login Page	User Should be able to Login	User Can Login Easily	Pass
2	Home Page	Dashboard with Total Records	Fields Contains Total Records	Pass
3	Hotel Management Page	All Records Related To Hotels	Table Contains All Record of Hotels	Pass
4	Contact Page	User Should Send Email	Contact Us Page For Send Email To Admin	Pass
5	Forgot Password Type	User Should Reset Password	User Reset Password Successfully	Pass
6	Payment System	Cash Free	Cash Free Interface	Pass
7	Generate Total Payment of Usre's Booking	Most Generate Total Payment For User's Purchasing.	Generate Total Payment of User's Purchasing	Pass
8	Filter Hotels	Must View Hotel of user's Choice	Display Books By User's Choice	Pass

10. Advantages & Future Scope

Advantages:

- users can book their hotel instead of actually going there and they can make payment online itself.
- This system save both time and travelling cost of customers.
- User can get to know different kinds of hotel that were unaware of by just searching in the system using keywords.
- Managing of hotel for hotel's staff becomes easier as users are not visiting and booking online.

This system used SQL server for database which provides smooth and fast processing speed.

Future Scope:

- The website is not accessible to everyone it can be deployed on a web server so that everybody who is connected to the internet can use it.
- You can see the visuals of hotel online but not actually.
- This website gives only reading promotion for members of website. in future can get the video of hotel for users.

11. References:

- www.booking.com
- www.agoda.com
- www.trivago.in
- www.kayak.co.in
- www.goibibo.com
- www.yatra.com
- www.makemytrip.com