



Department of Computer Science and Engineering
Project Report

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Project Title: TOUR AND TRAVEL MANAGEMENT SYSTEM

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ABSTRACT

The purpose of a Tour and Travel management system is to manage the various activities and process take place in the hotel. It is largely accountable for hotel management system. The system provides information about the many section of the hotel, as well as the current availability of the hotel. The other things is that we add a travel air ticket and also the train tickets booking system on this website for the user. Visitors should visit the website to complete their application registration by providing the required information. Any registered visitor can make a reservation for a particular unit. The fact that guests have chosen a specific time encourages staff to provide them with information about apartment availability. This system gives the ability travel management to operate the total system, giving them greater authority and flexibility. This project integrates many hotel management services such as reservation, train tickets, air tickets etc. Managers can advertise available rooms through the use of the system. Customers can view available rooms and make reservations without leaving the comfort zone of their own homes. Reservation requests submitted by customers may be approved or denied at the discretion of the administrator. Thus, both guests and admin can use the system to control activities in the hotel on the go.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

We try to build a process complicated make the travel hotel reservation system as easy as possible by using menu orientation display. Develop and design a travel reservation system and also booking the train and flight ticket for tourism. Where customers can book the hotel room with affordable traveling cost tickets by air and train. It is a travel hotel booking system website using internet to operate. This project is built in a website. The goal of this project is easy to able the reservation and booking any hotel room without any problem and saving time easily and as well as get travelling tickets. We designed the project in a way that users does not have any trouble using any kinds of packages are available and can explain next time without any problem. While we cannot told that this profession is mentally exhausting, the main goal of our project is not each employee's computerized activity rather than manual work time. We sure about that, this website can be used easily by any kinds of people without the risk and errors.

1.2 Motivation

This project is aimed at the large travel management system in our country and also out site of our country. Travel management is a very complex management system that also needs very effective management. People are used to making mistakes like incoming data of hotel, booking hotel and buy transport tickets. Manual working is also very difficult to control over time, even there is no good reports. This project helps customer or user to know all the package details in one website, which reducing manmade error and generating compelling reports. So, thinks all about the situation we decide to help people solve these management problems, we decided to makes an operating system that could alleviate their problems.

1.3 Objective

The main objective of this Tour and Travel management system project is to manage the details of the hotelRoom, Tour package, Customer, Reservation, Price, train and air tickets. It controls all the information related to the room. The project is fully developed at the frontend and backend levels, ensuring that both Users and administrators have access to basic system functionality. The target of the project was to develop website to reduce the amount of manual work required to manage rooms, guests, and tickets. It will be less time-consuming and will reduce customer hassle. Our ultimate goal is to make the tour and travel planning process more efficient and cost-effective for our clients.

- Create an easy-to-use website for customers and administrators.
- System experience should be smooth.
- Administrators will be able to manage and navigate easily.
- Absolute security system, no one can get customer's details.
- Provide valuable hotel data and customer reviews.
- Create a system that always works no matter what happens to the hardware.
- Book the train and flight tickets from this website.
- Book the tour package also.
- Analyse customer data and improve functionality.

1.4 Expected Outcome

It is suggested that the development of a computerized Travel booking management system would be an efficient and effective way to manage hotel services, helping to meet the needs of the hotel concerns discussed above. This management system project is capable of maintaining and managing a variety of tasks and procedures related to hotels. As part of the main database component, it is widely used responsible for hotel management. The system provides detailed information about hotels that are open for business, as well as the current availability of each of these hotel's room and also for transport tickets. Visitors can access the website and register with the system by providing the requested information.

Customers can quickly see which rooms are available and book in advance. Customers can check costs in real time and compare a variety of accommodation options and properties. Maintain a database of everyone, including consumers, managers and others of a similar nature. This ensures that everyone's list is up to date.

1.5 Project Management and Finance

The administrator verifies whether each reservation order is legitimate and that the reservation date is appropriate. An administrator responsible for managing reservations at a hotel has several responsibilities to ensure that each reservation is legitimate and that the reservation date is appropriate. This includes verifying the details of each reservation, such as the guest's contact information and the dates of their stay. The administrator may also need to check the availability of hotel rooms, plane and train tickets, and other necessary resources to ensure that the guest's reservation can be accommodated. Additionally, the administrator may be responsible for negotiating with guests to determine a percentage of incoming guests and to check the hotel's location to see if they are interested. The administrator may also need to communicate with guests via phone and email to provide them with information or to answer any questions they may have. In order to cancel any reservation if deemed necessary, the administrator will also have the ability to cancel any reservations that are not legitimate or that cannot be accommodated due to resource constraints.

1.6 Report Layout

In this report there are six chapter's altogether and which chapter talks about what is mentioned below.

Chapter 1:

Introduction: In this section we discussed about the website travel management system

Chapter 2:

Background: There we discussed about the making process of this project. There we also elaborate about our project related work, the scope of this project and Challenges of this project.

Chapter 3:

Requirement Specification: There we discussed about design requirement of this project, Model diagram of use Case model and their description

Chapter 4:

Design Specification: There we discussed external design of our project like Front-End design and Back-End design, ui and ux of this project and their requirements.

Chapter 5:

Impact on Society: Describe the effect on environment and sustainability

Chapter 6:

Conclusion and Future work: Here we discussed about project conclusion and further work and study.

CHAPTER 2

BACKGROUND STUDY

2.1 Preliminaries/Terminologies

In the traditional system, the customer has to go to the hotel to make a booking or make a reservation. There is no guarantee that the customer will know that the hotel is fully booked or certain rooms hollow. Various activities like customer identification and booking type, receipt tracking, etc. managed by the hotel's employees or by their customers.

By using this website a user can book a hotel for their necessary place and also buy ticket of train and as well as air ticket. It gone be very useful for any kinds of people.

2.2 Related Works

For code selection we used some language Font-end and Back-end.

These are all codes Languages already used here:

- Html5
- Css3
- jQuery
- PHP
- BoothStrap4

HTML5

Hypertext Markup Language version 5 (HTML5) is a markup language for the structure and presentation of World Wide Web content. HTML5 supports traditional HTML and XHTML style syntax, as well as other new features in markup, new APIs, XHTML, and error handling [4].

CSS3

CSS3 stands for Cascading Style Sheet Level 3, which is an enhanced version of CSS. It is used to structure, style, and format web pages. Several new features have been added to CSS3 and it is supported by all modern web browsers. The most important feature of CSS3 is the division of CSS standards into separate modules that are easier to learn and use [5].

jQuery

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like browsing and manipulating HTML documents, handling events, animations, and Ajax much simpler with an easy-to-use API that works cross-browser. With a combination of flexibility and extensibility, jQuery has changed the way millions of people write JavaScript [6].

PHP

With the help of the programming language PHP, web designers can create dynamic content that communicates with databases. PHP is primarily used to create web-based software programs [7].

BoothStrap4

A collection of open source, free tools called Bootstrap is used to create websites and web applications that are responsive. The framework is the most well-liked combination of HTML, CSS, and JavaScript for creating responsive and mobile websites. Cross-browser compatibility was one of the issues we used to face, and it has now been resolved. Today's websites work flawlessly on all screen sizes and across all browsers (IE, Firefox, and Chrome). All thanks to the creators of Bootstrap, Mark Otto and Jacob Thornton from Twitter, even though the project later became open source. Bootstrap has produced a number of versions, and we can select the one we want to use whenever we want to use this framework [8].

Since this business involves hotel booking and transportation booking system, we looked at activities that are currently accessible on the web readers are now available on the web.

1.goFLY :

One of the best online travel agency in Bangladesh, provides domestic and international packages, air tickets, hotel booking and tourist visa service.

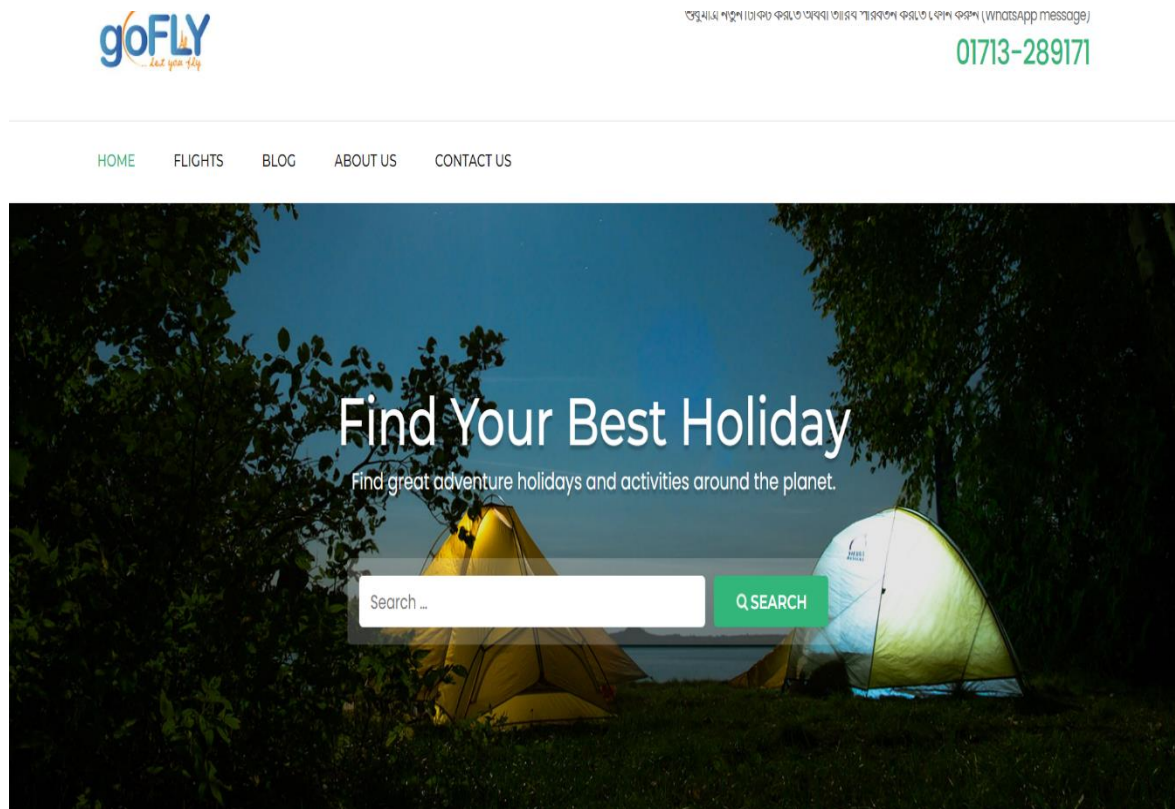
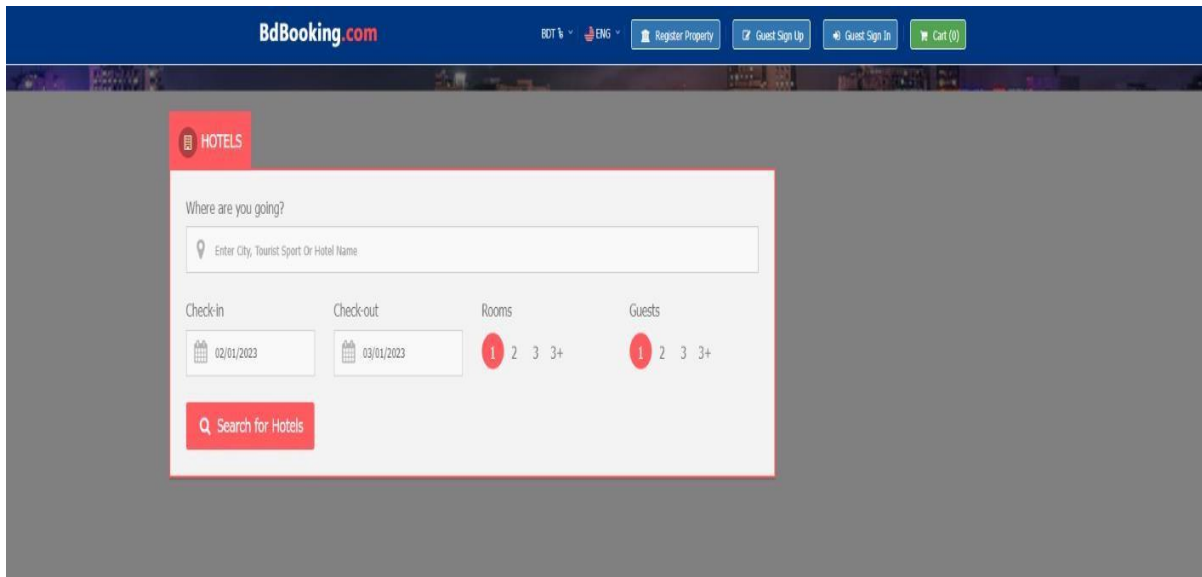


Figure 2.1: UI of goFLY [1]

3.BdBooking.com :

Since the ultimate online platform for next generation traveling! This is change our travel plan. our dream trip is just a few clicks away, with BdBooking.com! Here it is easier to mane plan and travel.



The screenshot displays the BdBooking.com website interface. At the top, there is a dark blue header with the BdBooking.com logo, language options (BDT, ENG), and buttons for Register Property, Guest Sign Up, Guest Sign In, and a Cart (0). Below the header, a red 'HOTELS' button is visible. The main search area is a white box with a red border. It contains a search bar labeled 'Where are you going?' with a placeholder 'Enter City, Tourist Spot Or Hotel Name'. Below the search bar, there are four input fields: 'Check-in' with a date of 02/01/2023, 'Check-out' with a date of 03/01/2023, 'Rooms' with a dropdown menu showing 1, 2, 3, and 3+, and 'Guests' with a dropdown menu showing 1, 2, 3, and 3+. A red 'Search for Hotels' button is located at the bottom of the search area.



Figure 2.2: UI of BDhotel booking.com [2]

4. Cosmos holiday:

Cosmos holiday is a travel management system of Bangladesh. From 2011 it provides the Services of our people.

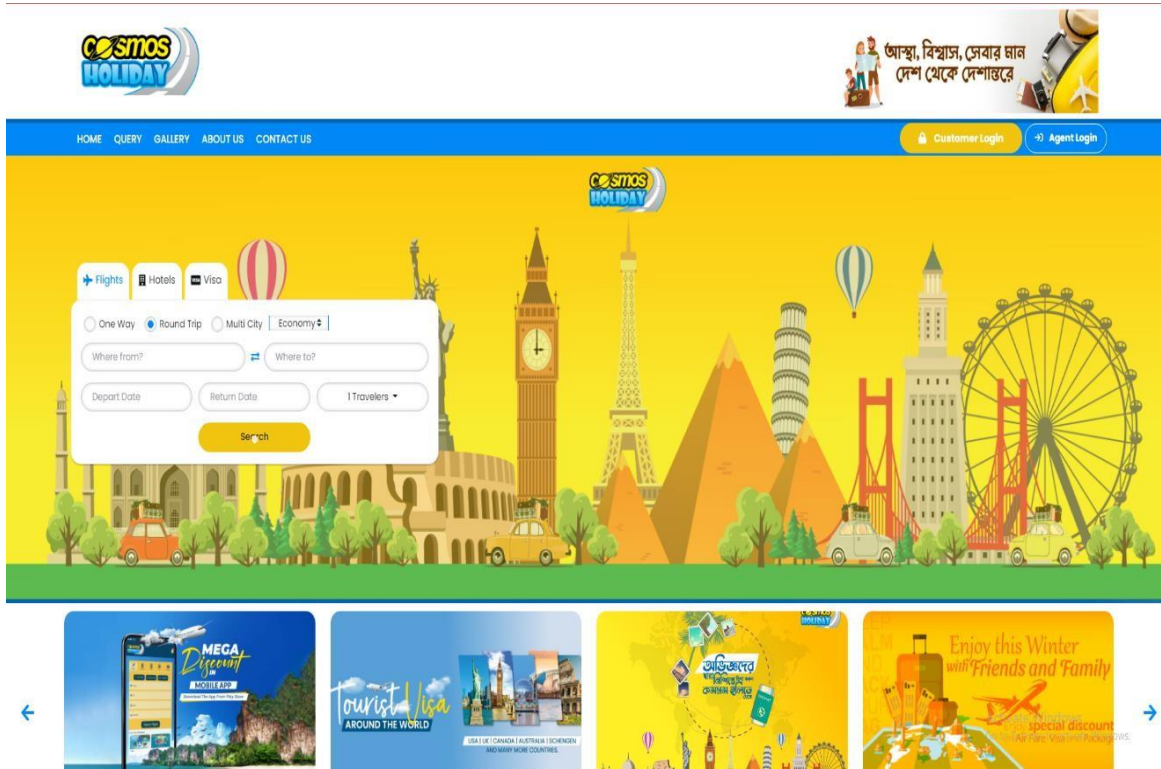


Figure 2.3: UI of Cosmos agency [3]

2.3 Scope of the Problem:

Our project is more efficient, user-friendly and easy than others website. Many web projects gives misinformation or some of are under maintains, but our website is fully safe to use. Our website produce accurate and original information.

Some kind of access is required.

- Internet connection needed.
- Must need login permission.

- Must need given address.
- Must need input phone number.
- Must need a verified email.
- Must be registered in the website.

2.4 Challenges:

We face many problems and difficulties when we are going to develop our website. Also, we will discover a way how to solve this. In below I provide some of our challenges These are our main challenges –

- Collection data of hotel
- Collection data of transport
- Collection data of tour Package
- Providing safety
- Lack of Accountability
- Ensure security
- Ensure Quality
- Hotel information, Name, location verification by admin.
- Make website Up-to-date.
- Make this project easier user friendly

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 Business Process Modeling

Business Process Model describe the utility of the project. In our project, most of the element illustrate, The Business Process Model is given below.

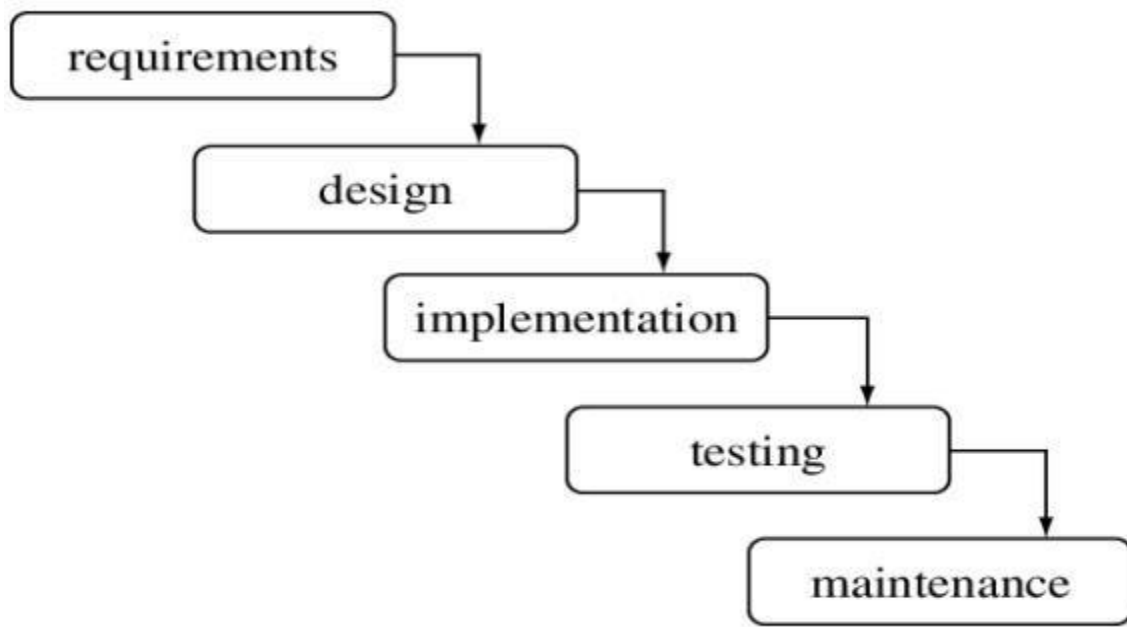


Figure 3.1: Business Process Model

3.2 Requirement Collection and Analysis

This is an important step in collecting requirements and integrating them into the analysis. We will now look at some of the criteria for creating this website outlined below.

Software Requirements are

- Operating System: Linux & windows.
- System Design: Adobe Photoshop, Creately.
- Language: CSS, HTML, PHP.
- Framework: Bootstrap 4.
- Editor: Visual Studio Code.
- Device: Computer.
- Operating System: Mobile, Computer, Laptop.

Hardware Requirements are

- Processor: Intel Core i5.
- RAM: 4GB
- Laptop, CPU, Mobile

Functional Requirements

A complete overview of our system should include extended functionality requirements, registration and login sections, verification sections, approvals sections, maintenance and updates sections, and a home page for maintenance personal profiles. We'll know who goes to the dashboard, so there are more options on the dashboard.

3.3 Use Case Modeling and Description

A use case model is a model of how separate kinds of users interact with the system to solve a problem. As such, it describes the user's goals, the interactions between the user and the system, and the behavior required by the system to meet those goals. The use case model we used in our project is given below.

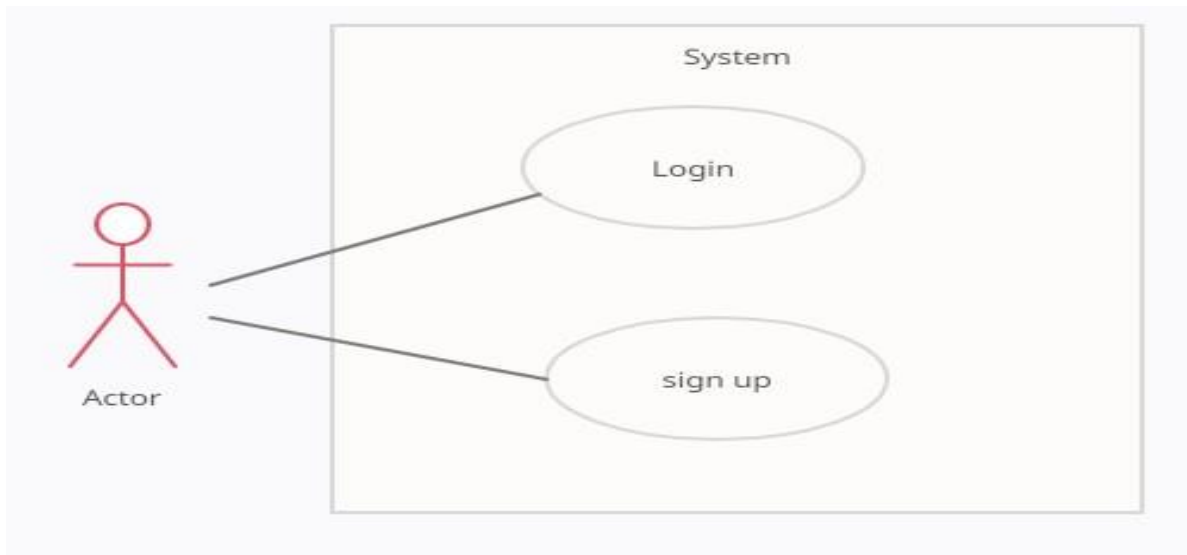


Figure 3.2: Frist interface

Use Case Details

Use Case Name: Door of website

Precondition: Registered

Actor: User Primary Path:

- Enter Login after Registration
- Enter sign up for 1st entry

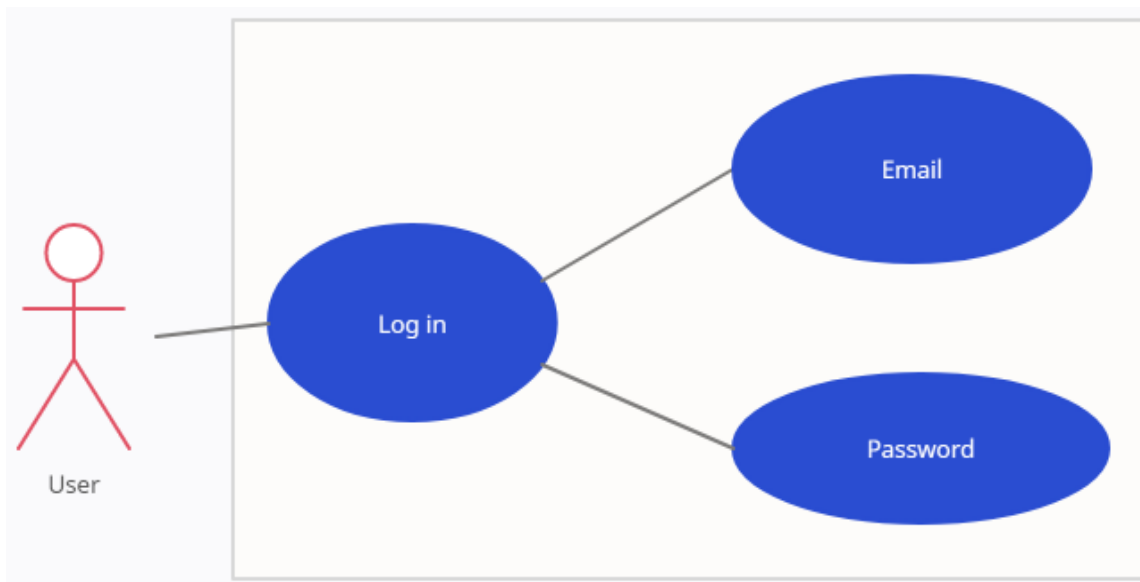


Figure 3.3: Frist interface

Use Cases Details

Use Case Name: Login

Precondition: Registered

Actor: User Primary Path:

- Enter Email Address
- Enter Password
- Click “Login” button

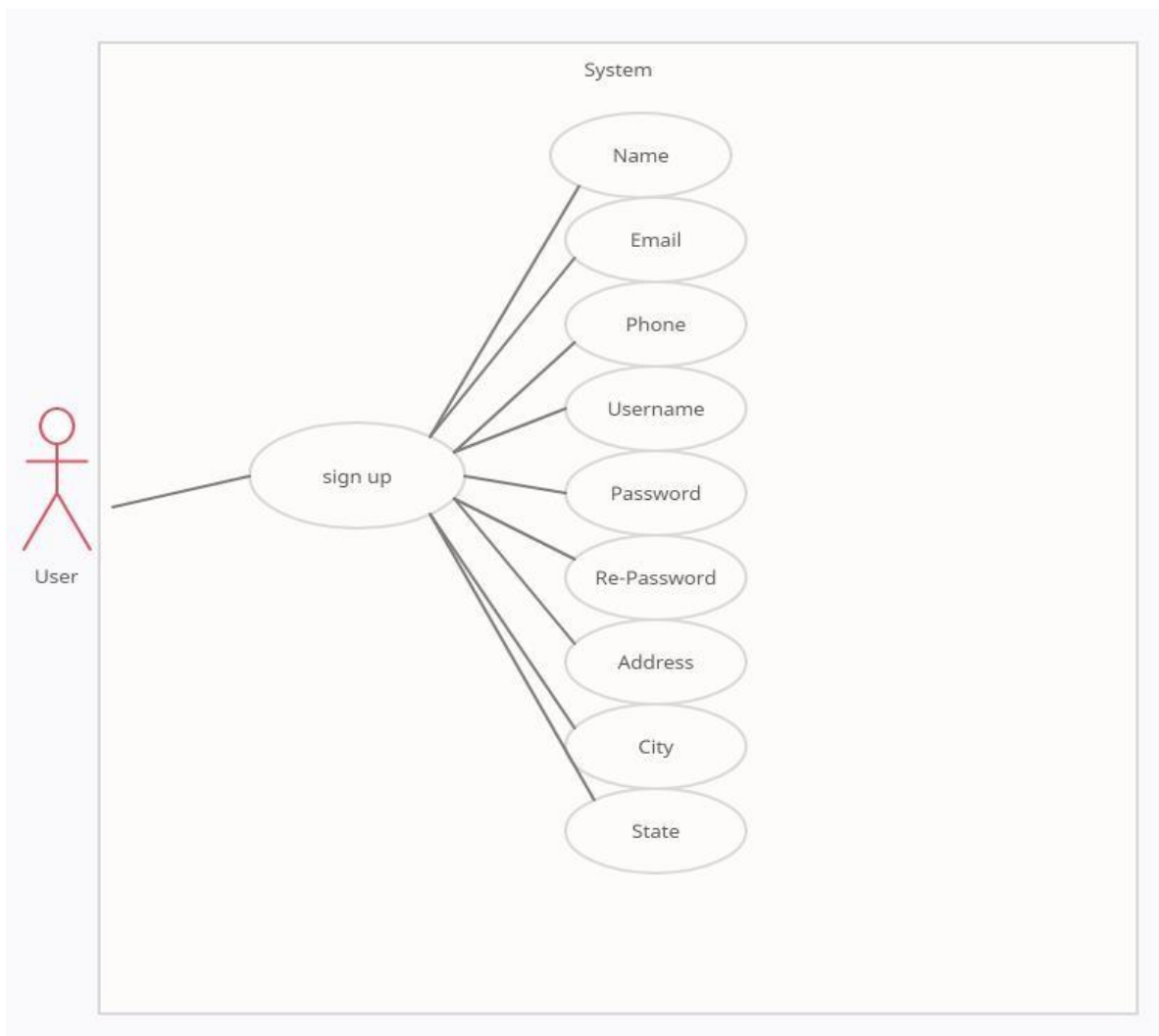


Figure 3.4: Signup interface

Use Cases Details

Use Case Name: Create an account (For Register or Signup)

Actor: User

Primary Path:

- Enter Name
- Enter Email Address
- Enter Phone Number
- Enter Username
- Enter Password
- Enter Re-Password
- Enter Address
- Enter City
- Enter State
- Click “Sign Up”; button

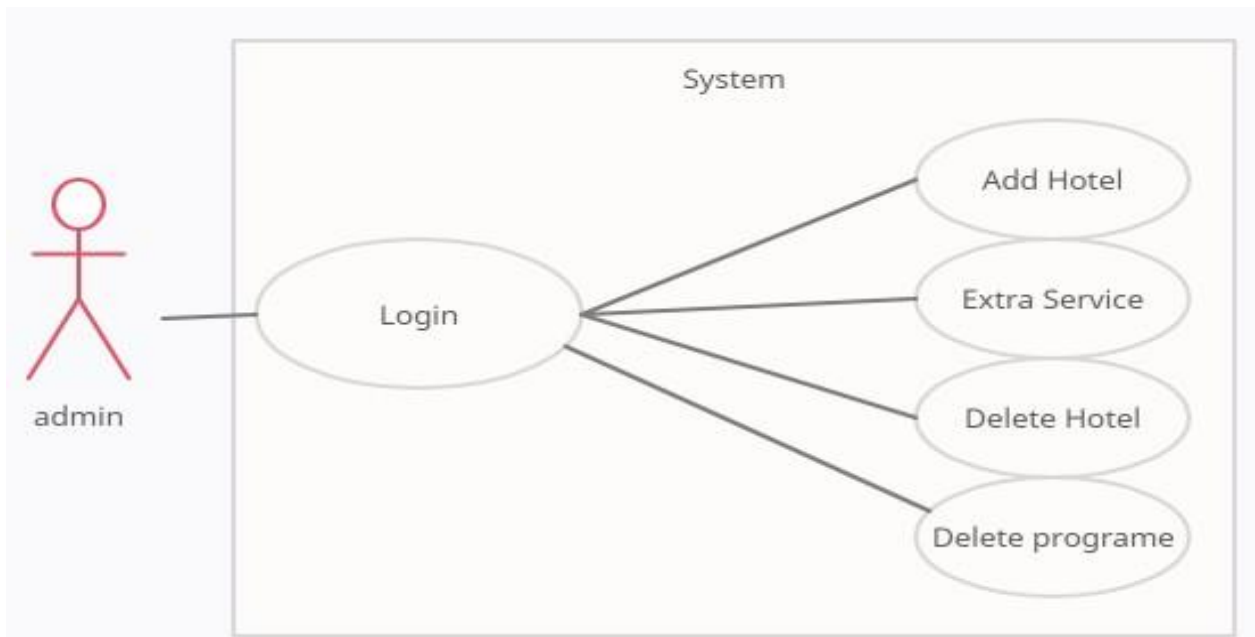


Figure: 3.5 Use Case Diagram for Admin

Use Case Name: Admin

Precondition: Must registered

Actor: Admin

Primary Path:

- Enter Login
- Add Hotel
- Add Extra services
- Delete Hotel
- Delete Program

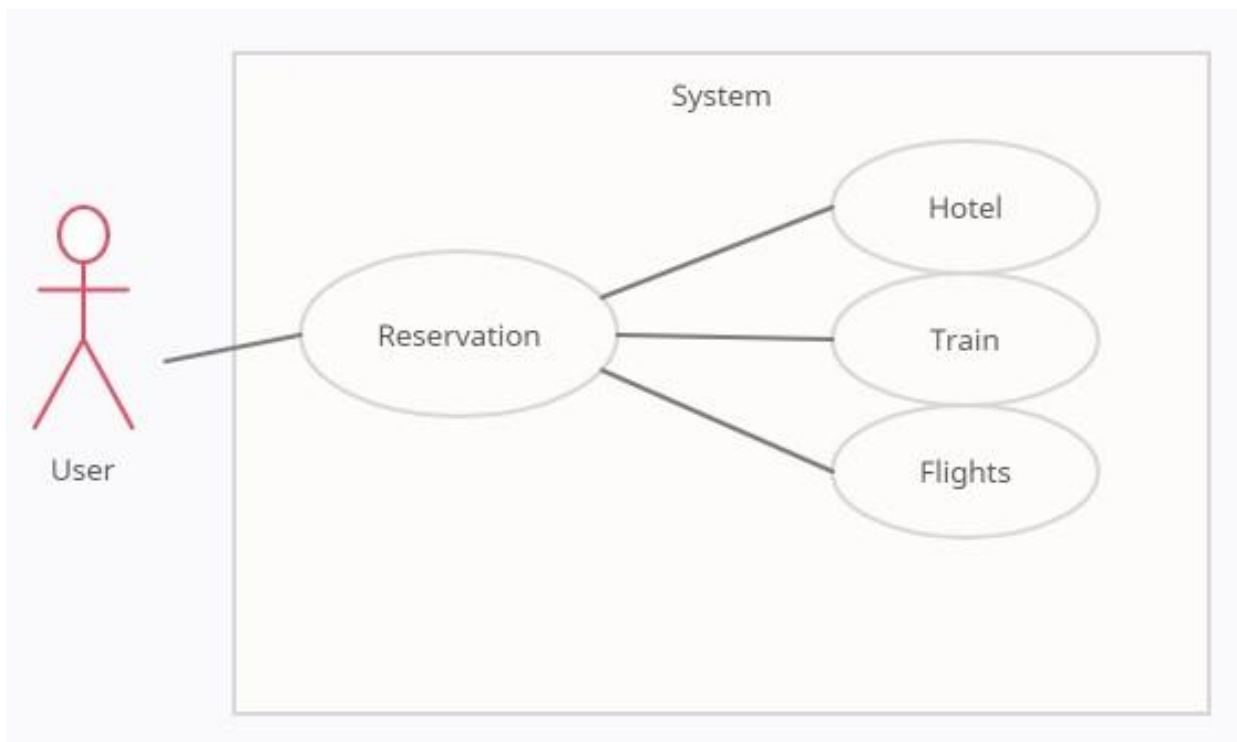


Figure: 3.6 Use Case Diagram for Customer

Use Case Name: Customer

Precondition: Must have registered

Actor: Customer

Primary Path:

- Book Hotel
- Book Train tickets
- Book Flight tickets

3.4 Design Requirement

Core Features:

- Home
- Profile
- Add hotel room
- Choose place
- Chose time
- Chose tickets types
- Add train tickets on reservation
- Add flight tickets
- Cart functionalities
- Search hotel
- Contact with the company

CHAPTER 4

DESIGN SPECIFICATION

4.1 Front-End Design

Front-end design is for both users and admin, this is called user interface design. The presentation code compiles the user interface. This design plays an important role for each and every website. When designing website, we must consider the usefulness and usability of each website. The design should be simple, easy and user-friendly. The interface design should be understandable for anyone accessing the website. For design purposes we use raw coding in addition to using any templates or anything else. The front-end design of the application is done using HTML, CSS and JavaScript. These technologies allow for the creation of visually pleasing and functional interfaces that are easy for users to navigate. Additionally, it is important to keep in mind accessibility guidelines to ensure that the website can be used by as many people as possible, including those with disabilities. A user-centered design approach, where the focus is on understanding the needs and goals of the users, can also help to ensure that the interface is simple and easy to use.

To enter this website 1st we need to create an account. And for that you need to sign up.

And then you can enjoy the full of our website.

Sign Up:



Sign Up

Full Name:

E-mail:

Phone:

Username:

Password:

Repeat Password:

Address Line 1:

Address Line 2:

City:

State:

[Already have an account? Login instead.](#)

Figure: 4.1 Sign up page

Login:

If we enter the website in future. Then there we just need to login. And for login you need to enter Your username or email along with password.

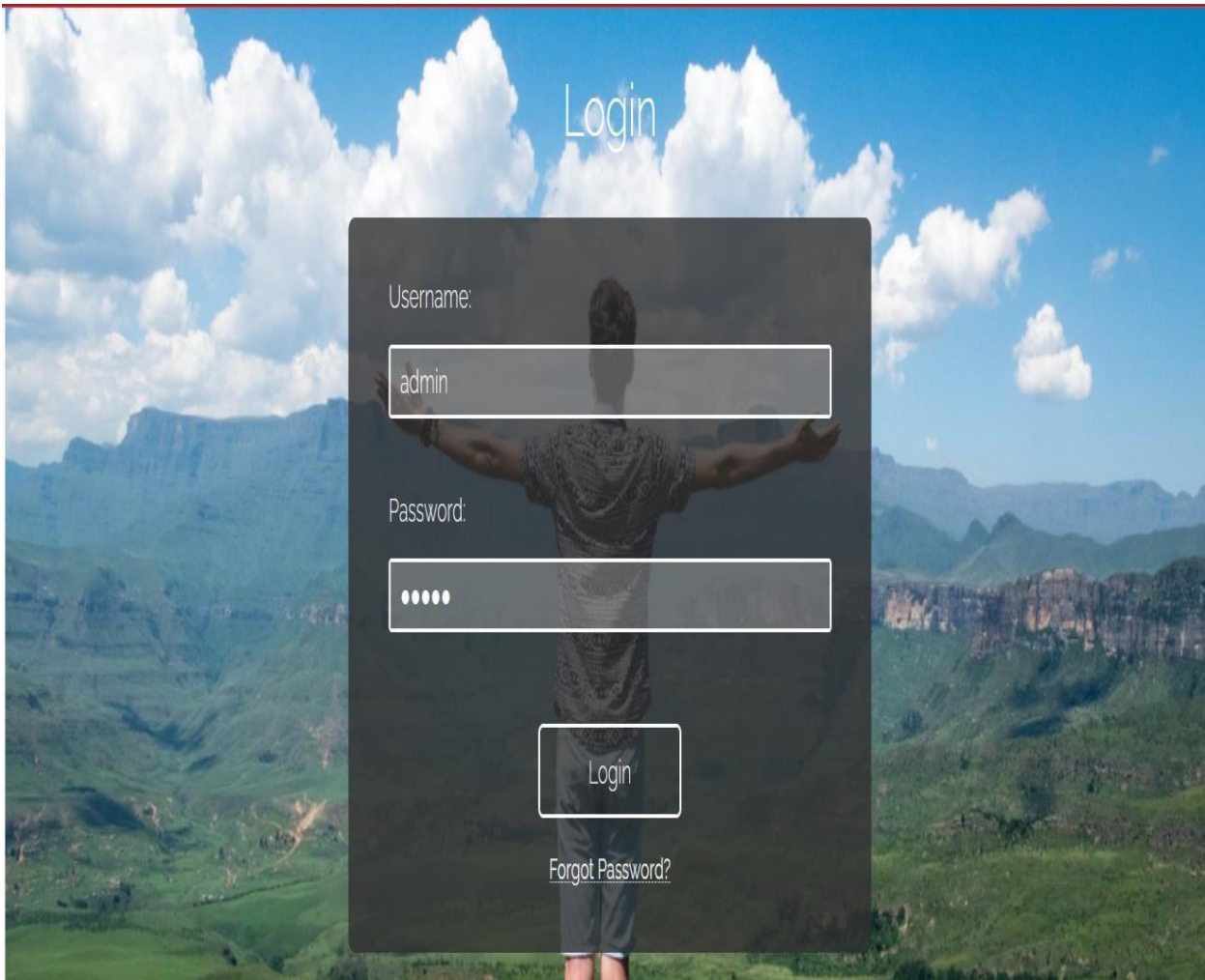
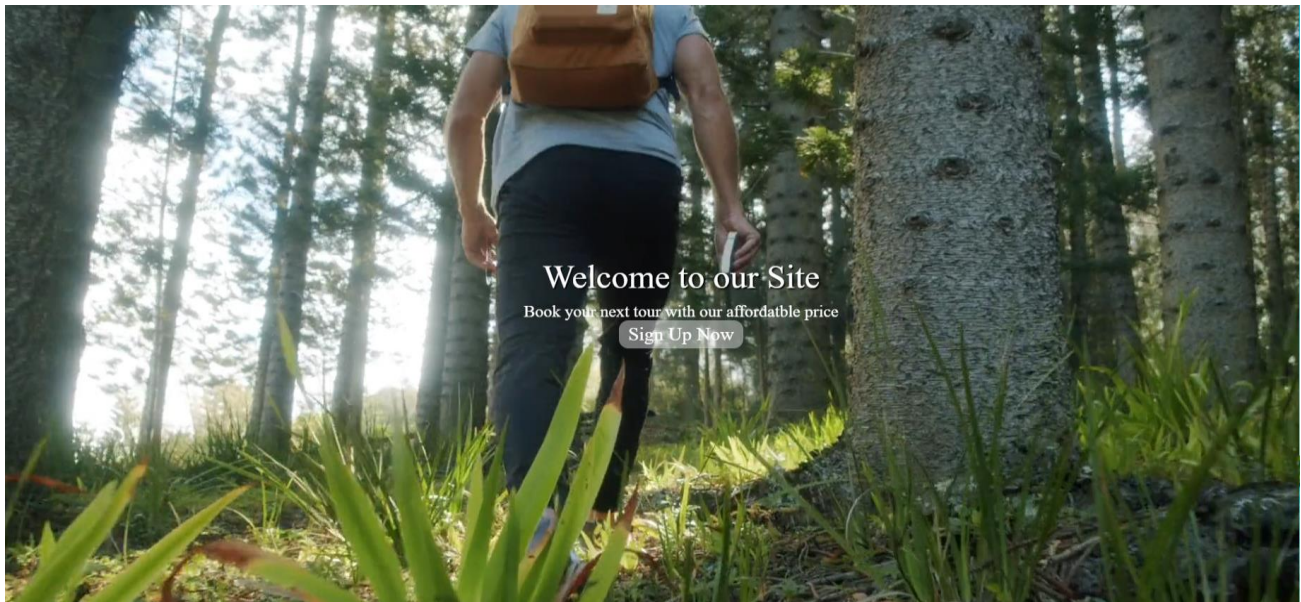


Figure: 4.2 Login page

Home page:

The home page is very important for every kinds of website. And the other things is the home page must be easier to kinds of people and also provide all necessary information about the website.



What would you like to book today?



Figure 4.3: Front-page

Features of the services:

Here is our main services. we provide this services for your hospitality

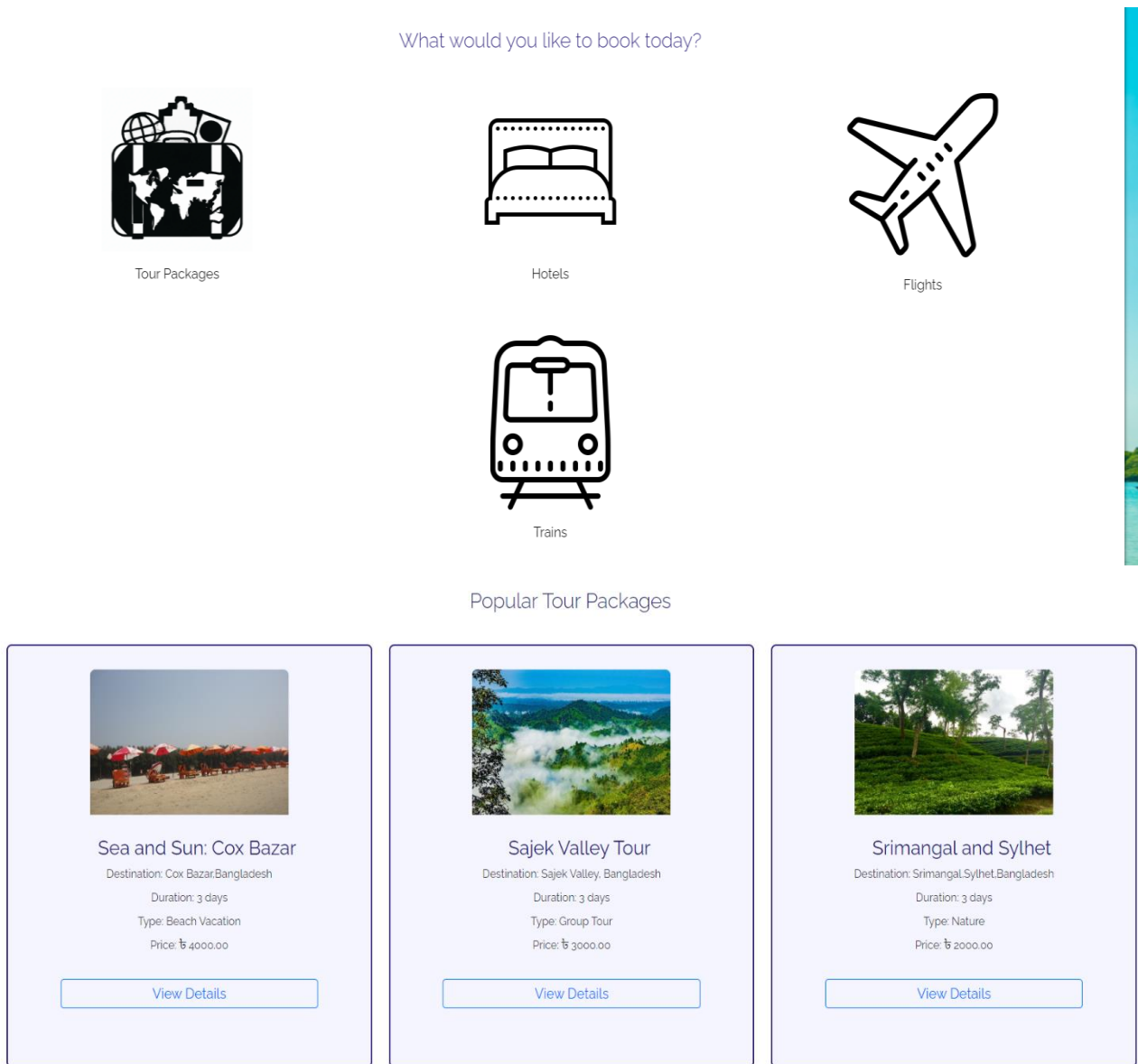


Figure 4.4: services

Footer section :

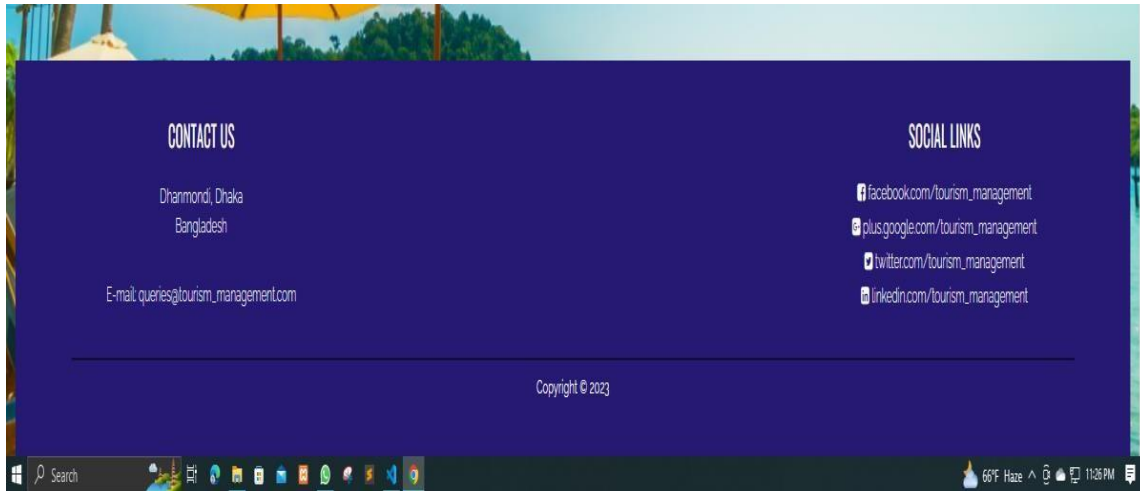


Figure 4.5: Footer

About section :

Here all about of the company and the product.

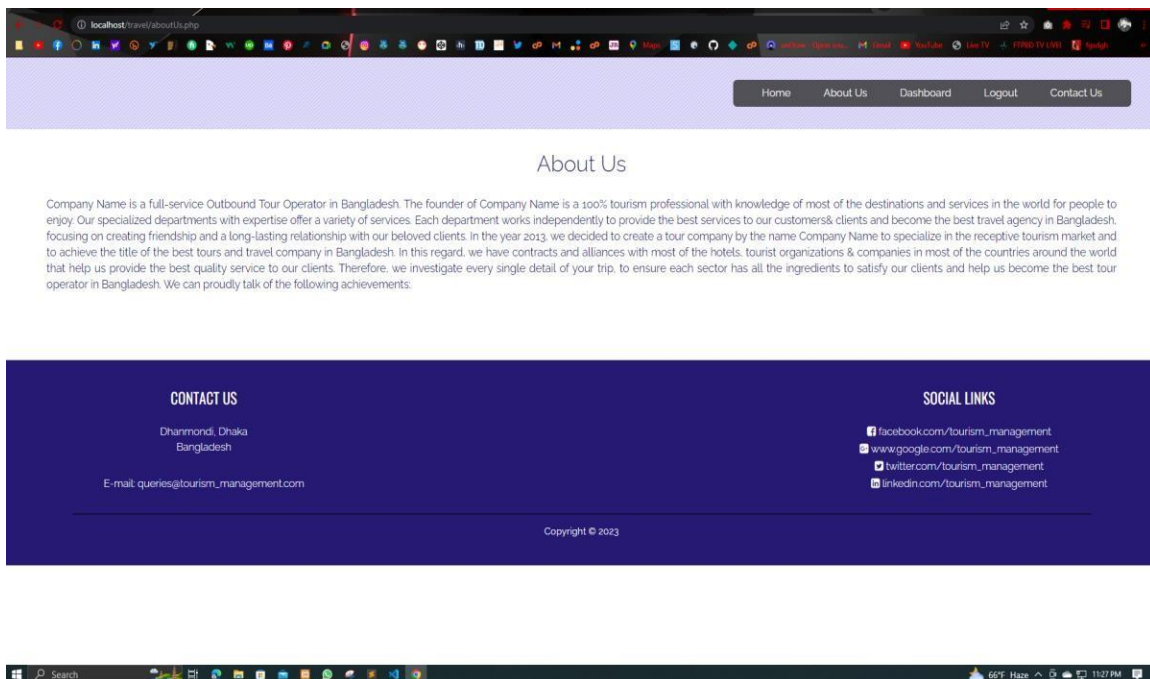


Figure 4.6: About

Hotel booking :

You Can book your desire hotel from here

The screenshot displays a hotel booking website interface. At the top, there is a navigation bar with links: Home, About Us, Dashboard, Logout, and Contact Us. Below this, a secondary navigation bar highlights 'Hotels' in red, with 'Flights' and 'Trains' also visible. The main search area features four input fields: 'City' (with a dropdown menu), 'Check-in' (with a date picker), 'Check-out' (with a date picker), and 'No. of rooms' (with a dropdown menu). A 'Search Hotels' button is positioned below these fields. The background of the search area shows a blurred image of a hotel building. Below the search area, a purple banner displays 'Hotels in Dhaka' and '6 hotels found:'. The hotel listings are arranged in a grid. The first row shows three hotels: Radisson blue Dhaka Water Garden (4 stars, ₳20000 per room per night), The Raintree Dhaka - A Luxury collection Hotel (4 stars, ₳12000 per room per night), and Marino Royal Hotel (4 stars, ₳14000 per room per night). Each listing includes a thumbnail image, the hotel name, star rating, price, and a 'View Hotel Details' button. The second row shows three more hotel listings, though they are partially obscured. Below the hotel listings, a section titled 'Popular Cities' displays three cards: Dhaka (3-star hotels averaging ₳2000, 5-star hotels averaging ₳5500), Cox's Bazar (3-star hotels averaging ₳3900, 5-star hotels averaging ₳9700), and Bandarban (3-star hotels averaging ₳3000, 5-star hotels averaging ₳7750). Each card includes a thumbnail image and the city name.

Hotels in Dhaka

6 hotels found:

Hotel Name	Stars	Price (₳)	Action
Radisson blue Dhaka Water Garden	★★★★	20000 per room per night	View Hotel Details
The Raintree Dhaka - A Luxury collection Hotel	★★★★	12000 per room per night	View Hotel Details
Marino Royal Hotel	★★★★	14000 per room per night	View Hotel Details

Popular Cities

City	3-star hotels averaging (₳)	5-star hotels averaging (₳)
Dhaka	2000	5500
Cox's Bazar	3900	9700
Bandarban	3000	7750

Figure 4.7: Hotel booking interface

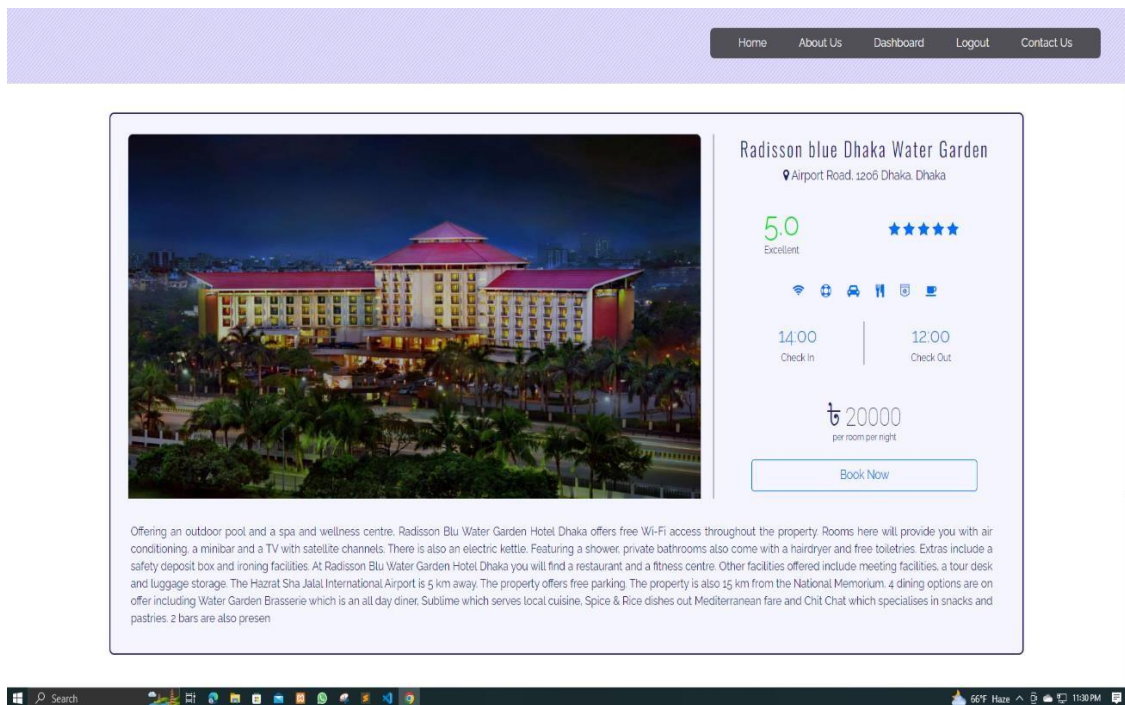


Figure 4.8: About hotel

Payment of hotel :

Home
About Us
Dashboard
Logout
Contact Us

Please review and confirm your booking

Booking Summary

Name of the hotel: Radisson blue Dhaka Water Garden, Airport Road, 1206 Dhaka, Dhaka

12/01/2023 Check In Date	16/01/2023 Check Out Date	1 No. of rooms	1 No. of guests
-----------------------------	------------------------------	-------------------	--------------------

Payment Summary

1 Rooms x 4 Days	৳ 80000
Convenience Fee	৳ 250
Total Payment	৳ 80250

[Confirm Booking](#)

[Home](#)
[About Us](#)
[Dashboard](#)
[Logout](#)
[Contact Us](#)

Payment

Amount to be paid: ₳ 80250

Card Number:

Name on Card:

CVV:

Expiry:

Pay Now

Booking Receipt

Generated: Tuesday 3rd of January 2023 at 11:01:07 PM

Booking Information:

Hotel ID	Hotel Name	Check In	Check Out	No. of rooms	No. of guests
DHA 00	Radisson blue Dhaka Water Garden Airport Road, 1206 Dhaka, Dhaka	12/01/2023 14:00	16/01/2023 12:00	1 rooms	1 guests

Payment Information

Charge per room	Amount paid	Payment Mode
₳20000	₳80250	Card Payment

Important Information


1. A printed copy of this receipt must be presented at the time of check-in.
2. It is mandatory to have a Government recognised photo identification (ID) when checking-in. This can include: Driving License, Passport, PAN Card, Voter ID Card or any other ID issued by the Government of Bangladesh.

Figure 4.9: Hotel payment

Tour Package :


Tour package is basically the thing is you can easily choose a package of tour for that you do not need to book transport or hotel etc. It is the easiest way to travel. Only you need to book the package and travel

Tour Packages




Sea and Sun: Cox Bazar
Destination: Cox Bazar, Bangladesh
Duration: 3 days
Type: Beach Vacation
Price: ₳ 4000.00

[View Details](#)




Sajek Valley Tour
Destination: Sajek Valley, Bangladesh
Duration: 3 days
Type: Group Tour
Price: ₳ 3000.00


[View Details](#)




Maldives Tour
Destination: Maldives
Duration: 5 days
Type: Beach Vacation
Price: ₳ 30000.00

[View Details](#)







Please review and confirm your booking

Booking Summary

Name of the package: Sajek Valley Tour

Depart From: Gulshan, Dhaka, Bangladesh

Destination: Sajek Valley, Bangladesh

2023-02-02 03:30:00 pm Check In Date & Time	3 days Duration	1 No. of travelers	Group Tour Type
--	--------------------	-----------------------	--------------------

Payment Summary

1 Traveller x 3000.00₳	₳ 3000
Convenience Fee	₳ 250
Total Payment	₳ 3250

[Confirm Booking](#)

Figure 4.10: Tour package

Train booking :

The screenshot displays a web application for train booking. At the top, there is a navigation bar with links: Home, About Us, Dashboard, Logout, and Contact Us. Below this, a header section contains tabs for Hotels, Flights, and Trains (which is currently selected). The main content area features a search form with the following fields:

- Origin: Select Origin Station (dropdown)
- Destination: Select Destination Station (dropdown)
- Select Date: Select Date (calendar icon)
- Select Class: Select Class (dropdown)
- No. of adults: Aged 18 and above (dropdown)
- No. of children: Aged upto 12 (dropdown)
- Search Trains (button)

Below the search form, there is a dark blue footer section containing contact information and social links. The contact information includes the address "Dhanmondi, Dhaka, Bangladesh" and the email "E-mail: queries@tourism_management.com". The social links section lists the following platforms:

- facebook.com/tourism_management
- plus.google.com/tourism_management
- twitter.com/tourism_management
- linkedin.com/tourism_management

The footer also includes a copyright notice: "Copyright © 2023".

Below the search form, the results for "Trains from Dhaka to Chittagong" are displayed, showing 1 train found. The results are presented in a table:

Train No.	Train Name	Departs	Arrives	Availability
452414 (Return #123654)	Jamuna Express (2AC tickets starting at tk200/person)	18:15 (Platform #Dhaka)	21:20 (Platform #Chittagong)	20 Book Now

The bottom of the page features a dark blue footer section, identical to the one above, containing contact information, social links, and a copyright notice.

Figure 4.11: Train booking

Flight booking

Home About Us Dashboard Logout Contact Us

Hotels **Flights** Trains

☒ One Way ☐ Return Trip

☐ Business Class ☒ Economy Class

Origin:

Destination:

Select Departure Date:

Select Return Date:

No. of adults:

No. of children:

CONTACT US

Dhamrondi
Dhaka, Bangladesh

E-mail: queries@tourism_management.com

SOCIAL LINKS

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Home About Us Dashboard Logout Contact Us

One Way Economy Flights from Dhaka to Cox

1 flights found.


Operator	Departs	Arrives	Fare	Ticket Type	Seats Available
 Biman Bangladesh Airlines (BBA001)	16:52 (Dhaka)	17:56 (Cox)	৳ 6500 (incl. of GST)	Refundable (Economy)	49 <input type="button" value="Book Now"/>

Figure 4.12: Flight booking

Payment:

[Home](#) [About Us](#) [Dashboard](#) [Logout](#) [Contact Us](#)

Payment

Amount to be paid: ₹ 250

Card Number:

Name on Card:

CVV:

Expiry:

Pay Now

E-Ticket

 Project Meteor Logo

Generated: Friday 6th of January 2023 at 06:22:51 PM

Outbound Flight

Operator	Origin	Destination	Departure	Arrival	Class
Biman Bangladesh Airlines BBA001	Dhaka DHA	Cox COX	07/01/2023 06:41	07/01/2023 08:39	Business Refundable

Passenger Details

Sl. No.	Name of the passenger	Gender
1	Niloy	Male

Important Information

1. A printed copy of this E-ticket must be presented at the time of check-in.
2. Check-in starts 2 hours before scheduled departure and closes 45 minutes prior to the departure time. We recommend you report at the check-in counter at least 2 hours prior to the departure time.
3. It is mandatory to carry Government recognised photo identification (ID) along with your E-Ticket. This can include: Driving License, Passport, PAN Card, Voter ID Card or any other ID issued by the Government of Bangladesh. For infant passengers, it is mandatory to carry the Date of Birth certificate.

Figure 4.13: About payment

Dashboard :

You can lookup your bookings also can cancel ticket and see account status from here.

The image displays two screenshots of a web application dashboard. The top screenshot shows the 'My Profile' page, and the bottom screenshot shows the 'My Bookings' page. Both pages have a navigation bar with links: Home, About Us, Dashboard, Logout, and Contact Us.

My Profile Page:

- Username: ripon181
- Full Name: Rownok Ripon
- E-Mail: sb.rownokripon@gmail.com
- Phone: 01749475566
- Address: 300, Alishan Complex (Level-06), Elephant Road, Dh. Dhaka, Dhaka, Dhaka
- Account Created: Tuesday 3rd of January 2023 at 10:19:52 AM

My Bookings Page:

Id	Hotel	Date	Receipt	Cancel
44	Ginger Gurgaon, Gurugram, New Delhi	03-01-2023		
45	Grand Park Hotel, Avenue Centre, 787 CDA Avenue, E	03-01-2023		
46	Marino Royal Hotel, House No 25, Road No 3, Se	03-01-2023		
47	Radisson blu Dhaka Water Garden, Airport Road, 120	03-01-2023		

Figure 4.14: Dashboard

Contact :

Here user can send report and also contact with the company

Contact Us

We're located at:

Dhaka, Bangladesh

Full Name:

E-mail:

Queries:

Send

CONTACT US

Dhanmondi, Dhaka
Bangladesh

E-mail: queries@tourism_management.com

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Figure 4.15: Contact

Admin panel:

Admin can add or delete the hotel transport and package

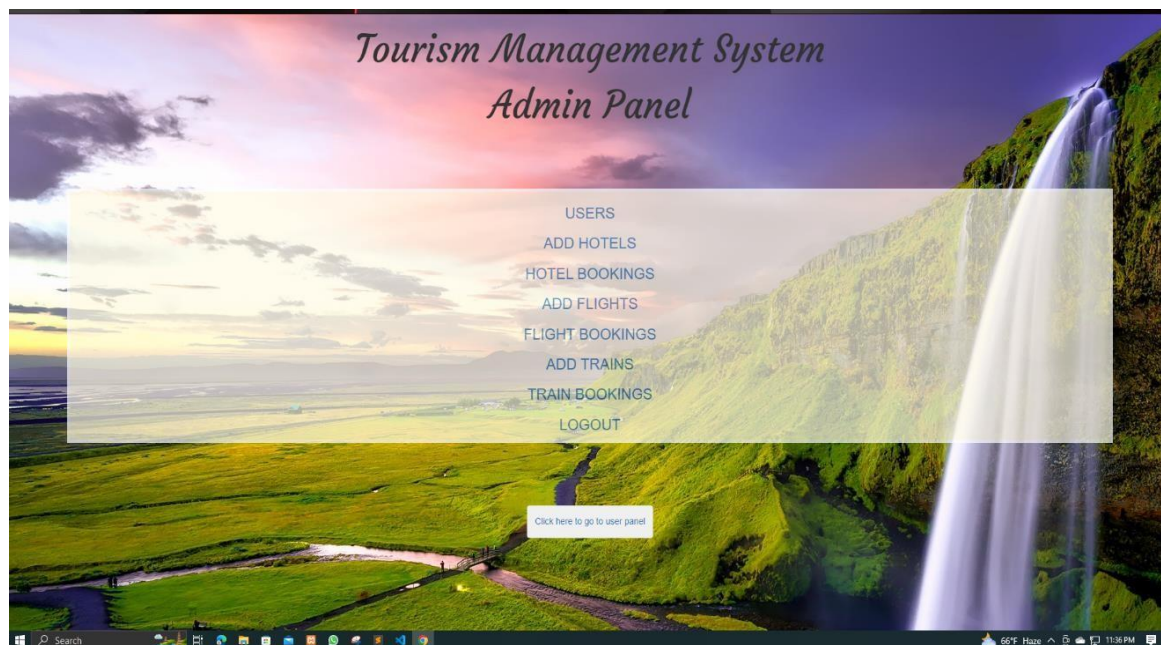


Figure 4.16: Dash board of admin panel

Hotel ID (Use to Search hotel's detail)

Hotel ID /Automatic Number Generates

Hotel Name City

Enter hotel name Enter city

Locality Stars

Enter locality Enter no. of stars

Rating Description

Give rating Enter description

Check In Check Out

Enter date Enter date

Price Rooms Available

Enter price Enter no. of available rooms

Wifi Swimming Pool

Enter yes or no Enter yes or no

Parking Restaurant

Enter yes or no Enter yes or no

Laundry Cafe

Enter yes or no Enter yes or no

Image

Enter link of image

Add

Update | Delete | Search

HOTELS DETAILS

Figure 4.17: Add hotel

Tourism Management System

HOME USERS ADD HOTELS HOTEL BOOKINGS ADD FLIGHTS FLIGHT BOOKINGS ADD TRAINS TRAIN BOOKINGS

LOGOUT

Flight Number (Use to Search flight's details)

Flight No. /Automatic Number Generates

Origin Destination

Enter origin Enter destination

Distance Fare

Enter distance Enter fare

Class Seats Available

Business or Economy Enter number of seats available

Departs from Arrival at

Enter date Enter date

Operator Origin Code

Enter operator name Enter origin code

Destination Code Refundable

Enter destination code Refundable or non-refundable

Number of Bookings

Enter number of bookings

Add

Update | Delete | Search

FLIGHTS INFORMATION

Figure 4.18: Add Flight

Figure 4.19: Add Train

4.2 Back-End

You can see the database of every thing from here

hotelID	hotelName	city	locality	stars	rating	hotelDesc	checkIn	checkOut	price	roomsAvailable	wifi	swimmingPool	parking	restaurant	laundry	cafe	mainImage
BAN001	Hotel Hill View	Bandarban	Bus Station Road, 4600 B'ndarban, Bangladesh	3	3	Set in B'ndarban, Hotel Hill View features 3-star...	8.00	12.00	7500	50	Yes	Yes	Yes	Yes	Yes	Yes	images/hotels/cities/Bandarban/h1.jpg
CHI001	Hotel Saintmartin Ltd.	Chittagong	25, Sheikh Mujib Road, 4900 Chittagong, Bangladesh	5	4	Featuring a bar, Hotel Saintmartin Ltd. is situated...	8.00	12.00	6000	56	Yes	Yes	No	Yes	Yes		images/hotels/cities/Chittagong/h1.jpg
CHI002	Grand Park Hotel	Chittagong	Avenue Centre, 787 CDA, East Nasirabad, Chi	3	3	Grand Park Hotel is located in Chittagong. Among t...	8.00	12.00	5600	45	Yes	Yes	Yes	Yes	Yes	Yes	images/hotels/cities/Chittagong/h2.jpg
COX001	Hotel Sea Crown	Cox	Marin Drive, Kola Toll, New Beach, 4700 Cox's Baza	3	3	Situated on the beachfront and offering a 24-hour...	8.00	12.00	13000	26	Yes	Yes	Yes	Yes	Yes	Yes	images/hotels/cities/cox/h1.jpg
COX002	Long Beach Hotel	Cox	14 Kalatoli, Hotel-Motel Zone, 4700 Cox's Bazar, B	4	4	You're eligible for a Genius discount at Long Beac...	8.00	7.00	20000	20	Yes	Yes	Yes	Yes	Yes	Yes	images/hotels/cities/cox/h2.jpg
COX003	World beach resort	Cox	World beach resort, 700, 4700 Cox's Bazar, Banglad	2	2	You're eligible for a Genius discount at World bea...	8.00	11.00	13000	26	Yes	Yes	Yes	Yes	Yes	Yes	images/hotels/cities/cox/h3.jpg

Figure 4.20: Attach hotel

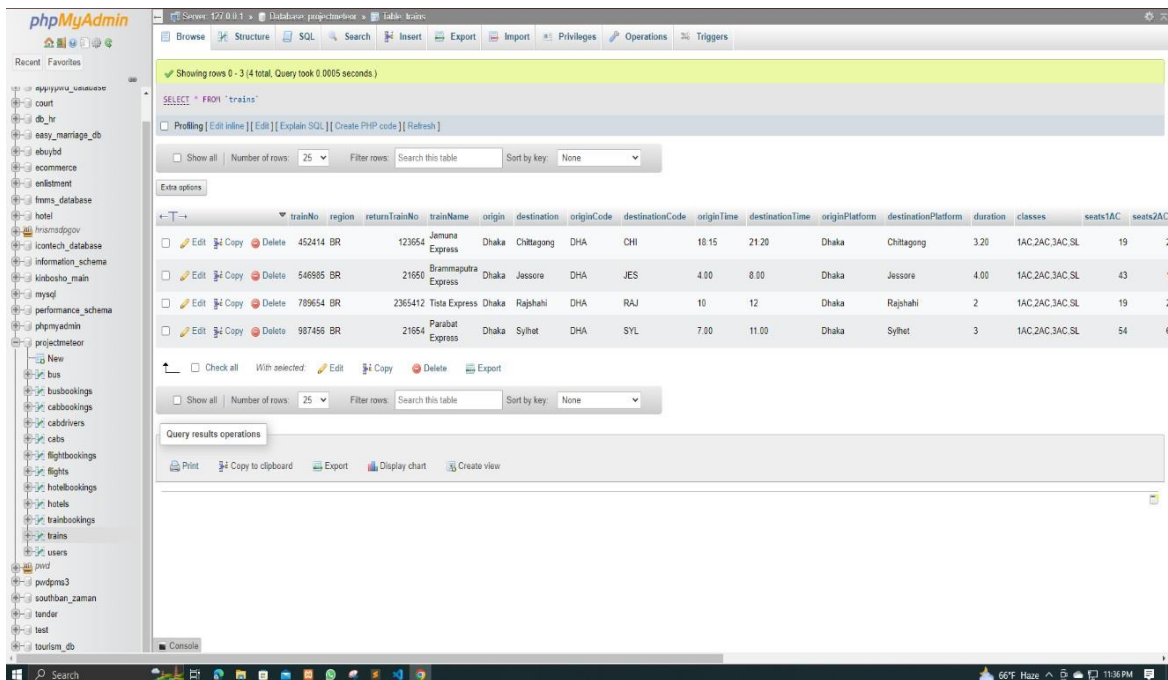


Figure 4.21: Add Train

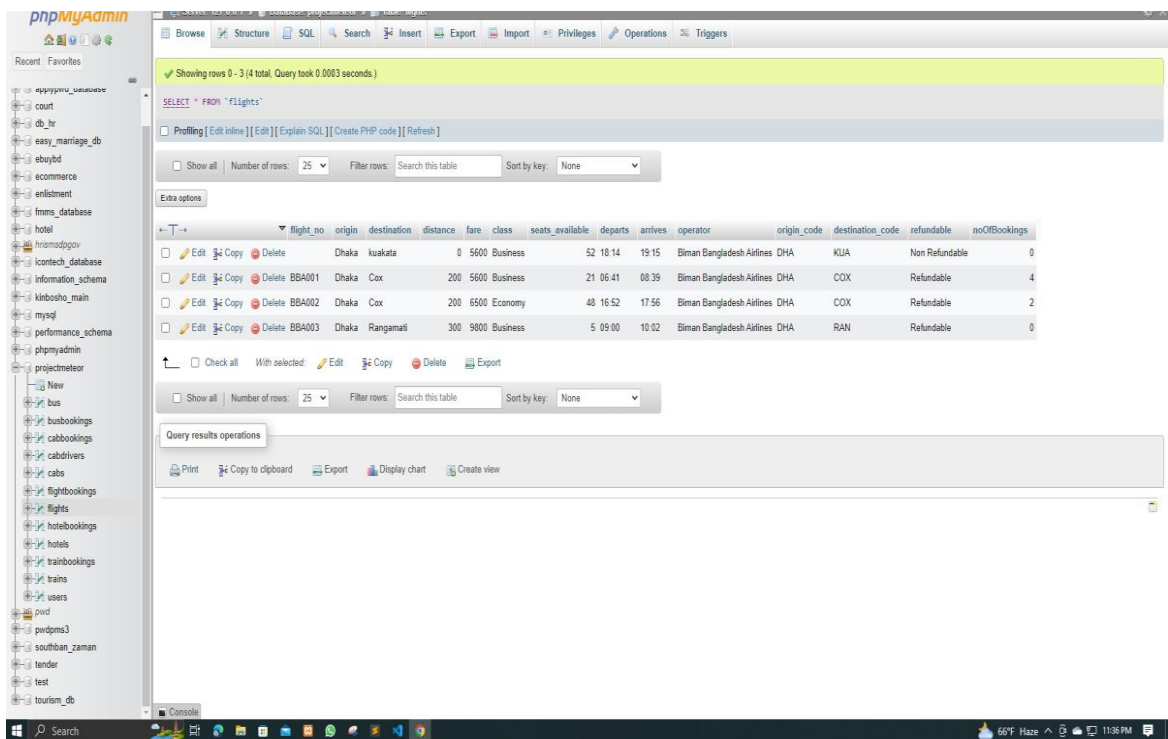


Figure 4.22: Add Flight

CHAPTER 5

IMPACT ON SOCIETY, ENVIRONMENTAL AND SUSTAINABILITY

5.1 Impact on Society

Employing an online booking system has many advantages for businesses across all industries in terms of conversions with thousands of social media users, who can be safely and easily combined for placing and paying for your visits and services. It also increases your visibility and improves conversion. A simple visual calendar that is easily accessible online can show leads and the company which mechanisms are still available and which have been reserved. Additionally, it helps businesses develop their day-planning processes.

5.2 Impact on Environment

Many businesses check to see if there will be any negative effects before proceeding. Many workers do not fully understand the effects, particularly if they have never described anything on their own. Helplines can have a remarkable impact on ethics, though, if they are used properly. By acting in a way that encourages employees to contact your corporate and ethics hotline, you can foster a more positive work environment with more assured employees. Employees are less likely to simply try to ignore unethical behavior, which can negatively affect employees' performance, because they are aware that the company will protect them. Employees who are happier are more productive. Businesses often conduct risk assessments to identify potential negative effects before proceeding with a decision or action. However, some employees may not fully understand the potential consequences if they have not had experience with similar situations. Helplines can be an effective tool for promoting ethical behavior within a company, but they must be implemented and used properly in order to have a positive impact.

5.3 Ethical Aspects

There are some moral problems. There are numerous different ethical issues in various industries. An employee can steal money from the main panel if an administrator permits them access. One benefit of this ethical dilemma is that it can lead to happier employees who will increase business success. One example is embezzlement, where an employee steals money from their employer. This type of behavior can have severe consequences for the company and its employees. However, it's important to note that there are no moral or ethical benefits of such actions and it's always illegal and punishable. On the other hand, creating a positive and ethical work culture can lead to happier employees, which can in turn lead to increased business success.

5.4 Sustainability Plan:

Quality and sustainability are intertwined, according to the hotel's sustainability plan. The nearby city and its neighborhood will in fact always be a part of the client experience. Consequently, the hotel and travel agency will promote sustainable management. environmental excellence. This are closely related, and a hotel's sustainability plan should take both into account. The local community and environment can greatly impact the guest experience, so it's important for hotels and travel agencies to promote sustainable management and environmental excellence. This can include practices such as reducing energy and water consumption, promoting the use of local and organic products, and encouraging environmentally-friendly transportation options for guests. By doing so, hotels and travel agencies can help protect the environment while also providing high-quality service to guests. This plan's preparation and dissemination are committed to ensuring quality and sustainability and to continuously and methodically improving the

CHAPTER 6

CONCLUTION AND FUTURE WORK

6.1 Discussion and Conclusion

In short, this Travel booking management system project is an online hotel management system. At the home page of this system, users can choose the room they want to book, then the website will show the hotels overviews, user can search all the hotel room on this website integrated navigation system and as well as train and air tickets also. The customer then has to fill in the necessary data for booking the hotel room. The user then has to pay the rent through banking site. Our website will have all the transaction data so that cases of fraud can be reduced in this area. Our system gal equipped to maintain the daily operation of the entrance decoration. The main target of the project is that, this site can beuseful for all tourists in our country and other country too. They do not face trouble to booktheir hotel as well as bur ticket. We tested this project many times to see if there is a problem and finally we ensure that there is no bug in the booking system.

6.2 Future Developments

In further, we will try to undertake this project to update and also try to add more features to make it easy and up to date. Some plans are given:

- Support for multiple hotels and variety of rooms with .
- A centralized database for all kinds of a company's hotel.
- Get notifications on the user's mobile device by SMS.
- Option for Order Cancellation on the website.
- Increasing the development of security system and more..

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