

TOUR PLAN ANALYSIS

BY

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This Report Presented in Partial Fulfillment of the Requirements for the degree of
Master of Science in Management Information System.

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DAFFODIL INTERNATIONAL UNIVERSITY

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APPROVAL

This Project titled on “**Tour Plan Analysis**”, submitted by Md Saimum Islam Ripon, ID No: 211-17-462 to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of MS in Management Information System and approved as to its style and contents. The presentation has been held on 20th January 2022.

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I hereby declare that project titled “**Tour Plan Analysis**” has been completed by me under the supervision of Md. Sadekur Rahman, Assistant Professor, Department of Computer Science & Engineering Daffodil International University for the purpose of achieving degree of Master of Science from Daffodil International University. This is also declared by me that neither this project nor any part of this project has been used or submitted elsewhere for any kind of degree or awards.

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ABSTRACT

Most of the people in the entire world enjoy traveling from one place to another, whether it is a short or long distance. In this modern era, day by day we are being dependent on the latest technologies based on our regular needs. Nowadays everything is online-based. We want every possible solution through online. "Tour Plan Analysis" is a web-based application where any traveler can register for any kind of tour. This system deals with collecting tour information from the internet and shows that information. People can find any tour plan package information easily through this system. Each registered user of this system will have their own account information to access into this system. There is a reminder option for each tour package. This system will send a reminder to the user when every next condition meets with their needs. Admin can control this system. Admin will provide any announcement or event notice. All the data are stored in this system are protected.

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CHAPTER 1

Introduction

1.1 Introduction

“Tour Plan Analysis” is a web-based application for providing tour related services to travelers. This system includes login and registration for any type of user to access into this system. Registered users will have their own accounts which can be updated by themselves. Travelers can search their desire tour package information. Travels can know about the available tour plan from this site. Travelers can set their own preferable dates or budget in this system. The system will send their date or budget reminder as per as that type of tour package is available. This system will store registered users authenticated information that will be protected. Travelers can share their experiences in the comment section of the tour package. Admin will control the whole system. Admin can make any announcement or create any event. This system is fast, simple to use, user-friendly, and it is well-optimized.

1.2 Motivation

The main aim of our project is to provide an application based on Tour plan analysis. It will be easy way for customer to booking in time. Through this application process customer can find out the best location, hotel & restaurant in a very short time. The provides reliable storage & backup facilities. It will be helpful for select their desire place, hotel & restaurant and booking for customer.

1.3 Objectives

The main task to computerize all details regarding Tourist Details. The Tourist details listas their rating & best facilities. Scheduling the direct notification based on request & comment details both of Admin & customer. Collecting all necessary data according customers best needs in the targeted area. The customer request & review kept up to date to developed the project.

1.4 Expected Outcomes

We expected the outcome from our project is absolutely correct & very specific. Customers can use the main facilities of this project. There will be a proper facilities to select the best tourist place, hotel & restaurant in the specific area. Customer will select their choice product and sent booking request to main website. Customer and Admin can search products according to product name and category.

1.5 Project Management and Finance

We are taking trip from many kind of agencies through their website. Go Travel, Amazing Tours BD, Obokash are the most popular ecommerce tour site in Bangladesh. But sometimes we don't know which agencies offer the best deal for us. Every agencies has a lot of user review. But now this project give us a collection of trip plan. So, we can easily know which tour plan is better than others and which one is suitable for us with our tour budget.

1.6 Report Layout

1.6.1 Gantt Chart: A gantt chart shows timeline of a project. It conveys the project information visually and indicates the present status of the running project. It helps planning and scheduling project including start date, finish date, and all tasks are broken down, figure [3].

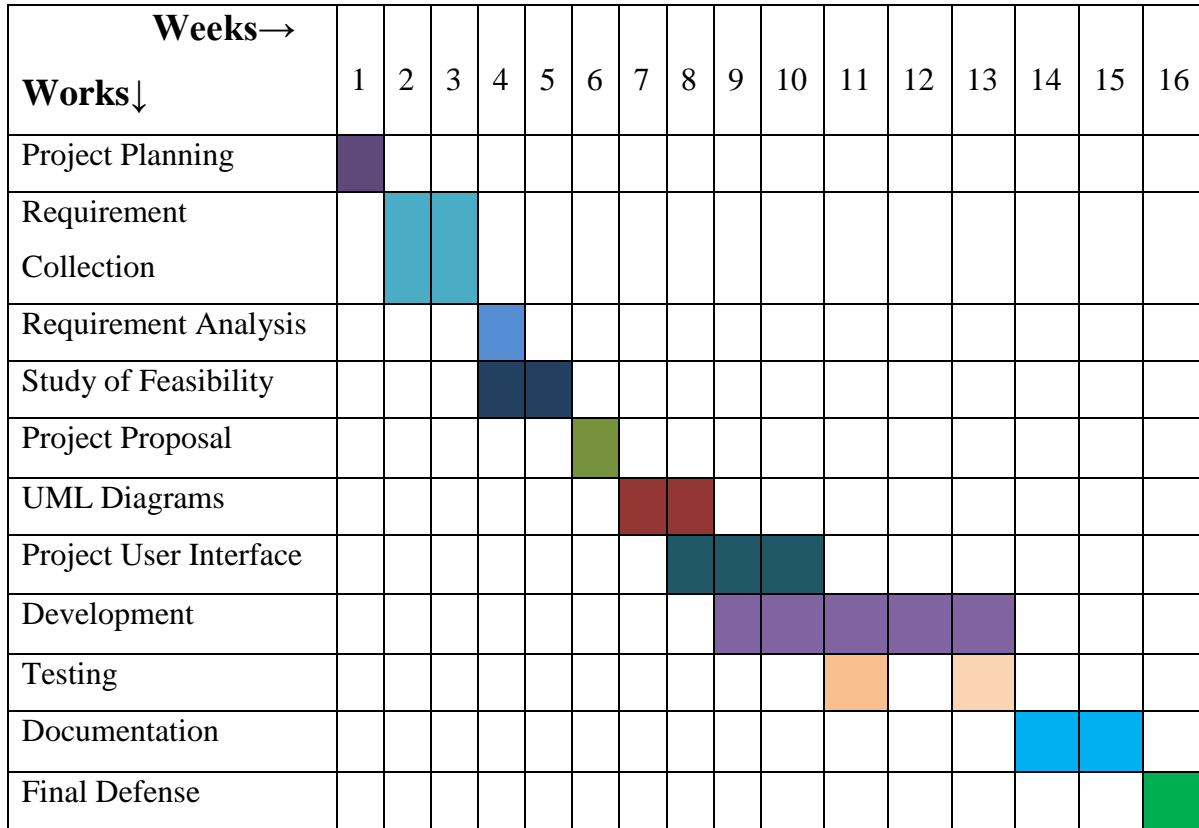


Figure 1.1: Gantt chart

1.6.2 Release Plan

Activities	Task Name	Time Duration	Total Week
Planning	Interviews	Week-1	1
	Brainstorming Session		
	Problem Defining		
Requirement	Requirement Collection	Week-2, Week-3 ,Week-4	3
	Requirement Analysis		
Feasibility Study	Feasibility Study & Analysis	Week-4, Week-5	2
Design specification	UML Diagrams	Week-7, Week-8	3
	Project User Interface	Week-9, Week-10	
Development	Coding	Week-9, Week-10,	5
	Implementation	Week-11,Week-12, Week-13	
Testing		Week-10, Week-13	2
Delivery		Week -16	1

Table 1.6.1: Release Plan

CHAPTER 2

Background

2.1 Preliminaries/Terminologies

This study would to a large extent, provide very useful output for a more effective operation of tourism sites; it will also complement the efforts of the managers of these tourist centers by helping them in making more accurate judgments and by accurately providing detailed information to the public for strategic and profitable center achievements.

2.2 Related Works

There have been numerous studies on tour plan analysis that have had a substantial impact on the tourist sector all around the world. Few of the research works acted upon by the researchers as related to tour plan analysis are discussed in the succeeding sub-sections.

2.3 Comparative Analysis

Some characteristics of Rational Unified Process include:

- Developing iteratively
- Managing requirements
- Using component-based architectures
- Modeling software visually
- Quality verification
- Control over changes

2.4 Scope of the Problem

Main goal my project is to create a web-based tour plan analysis. It will be an easy way for tourists to get proper information. Through this online process the tourists will get regular support, instruction & feedback as developing their idea. The provides excellent security of data at every level of user system interaction and also provides reliable storage and backup facilities. It will be helpful for tourists to select their places as their choices & will be rating in the proper way.

2.5 Challenges

The challenge of tourist management process is to establish a secure, accurate environment for individuals to participate in critical reflection in order to raise issues, investigate challenges, and develop new methods of dealing with both the situation and oneself.

CHAPTER 3

Requirements Specification

3.1 Business Process Modeling

Requirement specification explains what a system would have to do. The requirement specification outlines what must be accomplished in order for the organization to achieve its goals.

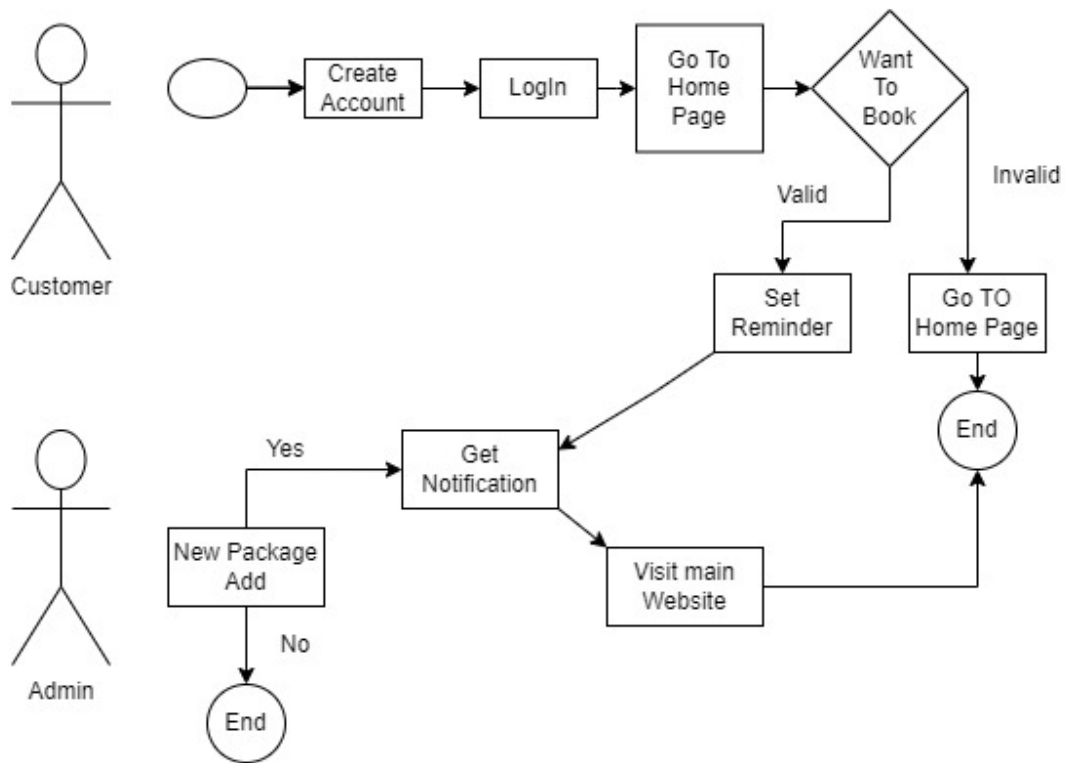


Figure 3.1: Modeling of Business Processes

3.2 Requirement Collection and Analysis

Whenever it comes to almost any kind of project, gathering requirements is crucial. Collection of requirements is critical not only for the project, but also for the project management function. The most crucial phase in every project is gathering requirements. The project will be running with a task if the project team fails to capture all of the necessary requirements for a solution. This could lead to a slew of future disputes and disagreements. As a result, consider requirement gathering to be a critical project team job. So that we can collect our project requirements as early as possible. Then we started the work.

3.3 Use Case Modeling and Description

Based on a detailed analysis, the system has been specified to present the following:

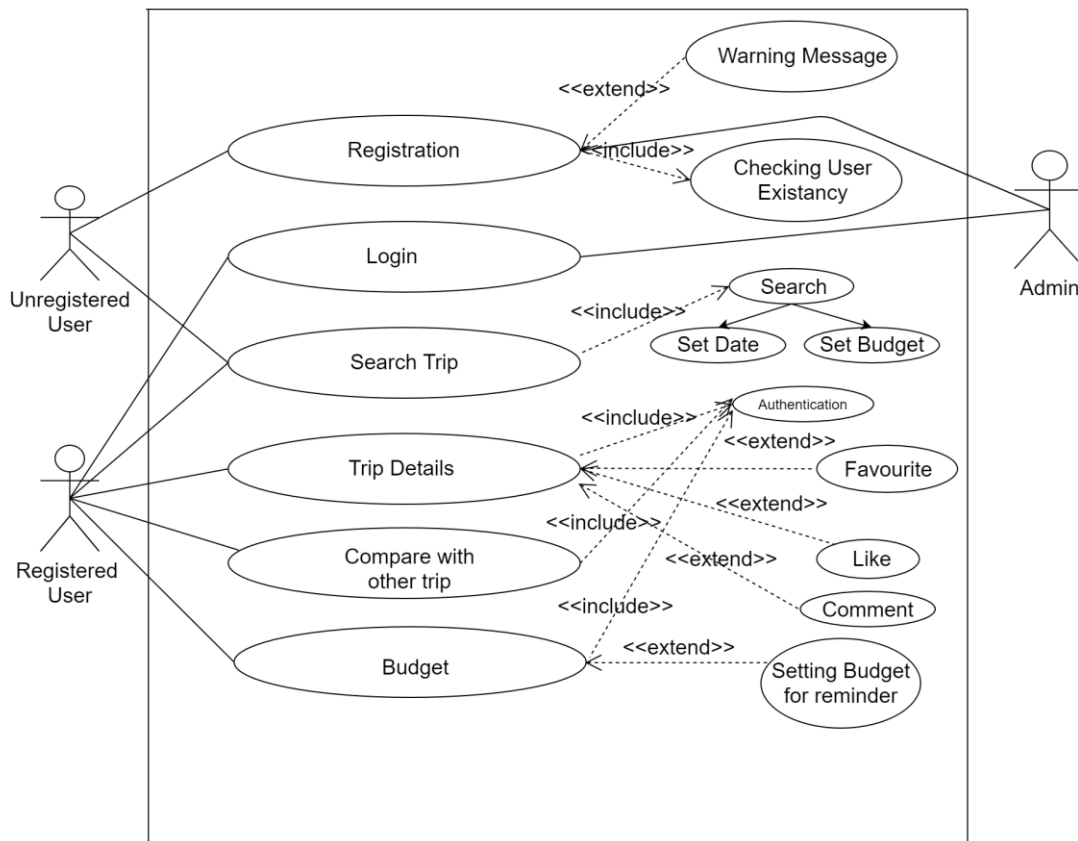


Figure 3.3: Use Case Diagram

3.3.1 Use Case for Registration

U.C No	01	
U.C Name	Registration	
Actor	Unregistered user	
Trigger	A new user wants to access this system	
Brief Description:	To create a user profile, access features, to get notify users have to be registered with valid information.	
Precondition	Users have to provide valid information of registration credentials.	
Post condition	After successful registration they can login to the system with required information.	
Flow Of Events	Actor	System
	1. User requests for registration form. 2. User submits the registration form with information.	1.1 System displays the registration form. 2.1 System stores information and sends confirmation message.
Exception Condition	1. If email address is not valid system will redirect to registration page. 2. Password and confirm password should not match it will show error message. 3. If required field is empty, system will show message regarding this matter.	

Table 3.3.1: Use Case for Registration

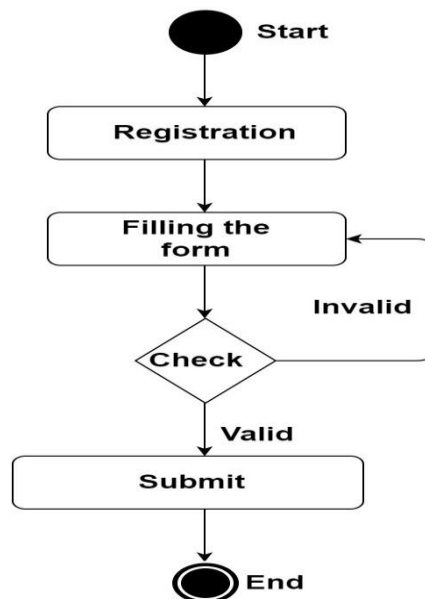


Figure 3.3.1: Activity Diagram for Registration

3.3.2 Use Case for Login

U.C No	02	
U.C Name	Login	
Actor	Registered user/Admin	
Trigger	A registered user wants to access his dashboard and opens login window.	
Brief Description:	After successful registration every user can login to their dash board with valid login credentials.	
Precondition	Users have to be registered with valid email, password.	
Post condition	After successful registration they can login to the system with required information.	
Flow Of Events	Actor	System
	1. User requests for login form. 2. User submits the login form with email, password.	1.1 System displays the login form. 2.1 System checks if login Credentials are valid or not. 2.2 System authenticated users and starts a session.
Exception Condition	1. If the user is new, system will redirect to login page. 2. If credentials are not valid login will be failed and redirect to login page.	

Table 3.3.2: Use Case for Login

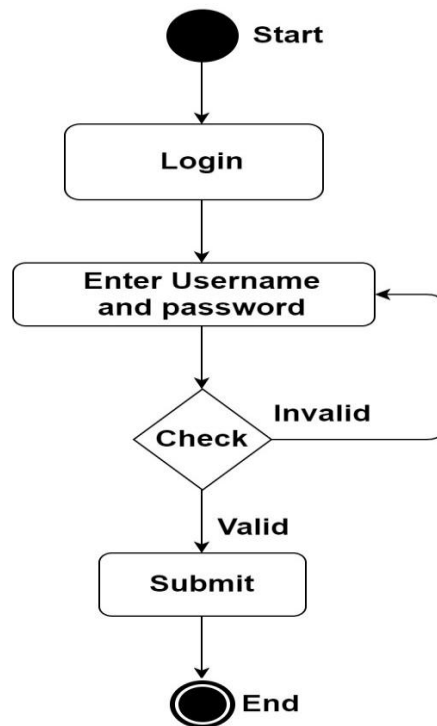


Figure 3.3.2: Activity Diagram for Login

3.3.3 Use Case for Search Trip

U.C No	03	
U.C Name	Search Trip	
Actor	User/Admin	
Trigger	Users wants to search a trip and search it.	
Brief Description:	When any user search a package provides information for relevant package.	
Precondition	User has to visit the web site.	
Post condition	System response with available packages.	
Flow Of Events	Actor	System
	1. User submits the query.	1.1 System response with available packages .
Exception Condition	1. Without providing query information user can not get results.	

Table 3.3.3: Use Case for Search Trip

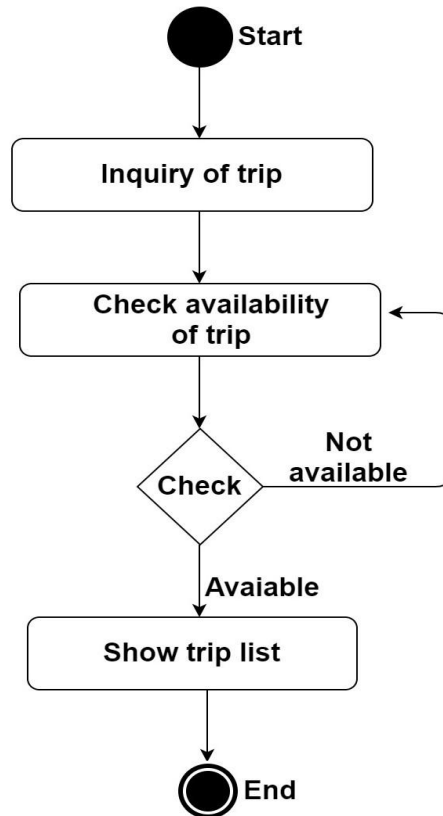


Figure 3.3.3: Activity Diagram for Search Trip

3.3.4 Use Case for Trip Details

U.C No.	04	
U.C Name	Trip Details	
Actor	Registered user	
Trigger	User login to system and search a trip.	
Brief Description:	To get a trip details user must be registered and search a trip.	
Precondition	There should be trip list.	
Post condition	If trip is available then system response with trip details.	
Flow Of Events	Actor	System
	1. User requests for trip list.	1.1 System displays trip list.
Exception Condition	1. System can fail to load page. 2. Without trip list no details will find.	

Table 3.3.4: Use Case for Trip Details

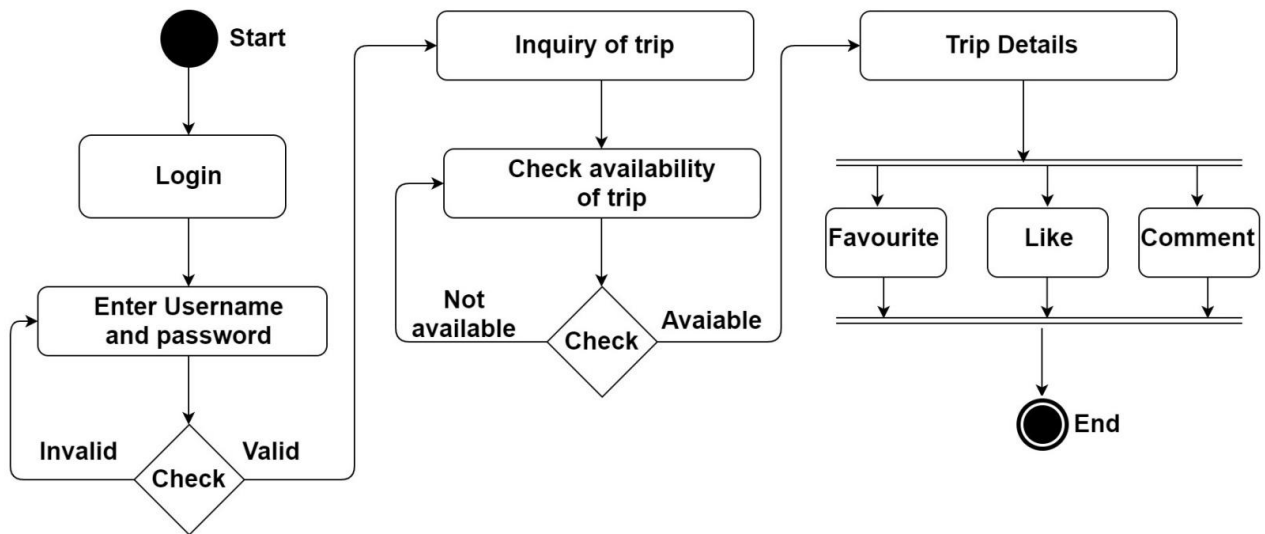


Figure 3.3.4: Activity Diagram for Trip Details

3.3.5 Use Case for Compare with other trip

U.C No.	05	
U.C Name	Compare with other trip	
Actor	Registered user	
Trigger	User wants to compare trips.	
Brief Description:	System will display user along with comparing result between two selected packages	
Precondition	User must select two trips.	
Post condition	User must submit selected trips.	
Flow Of Events	Actor	System
	1. User login to the system. 2. USer requests for trip list.	1.1 System authenticates user. 2.1 System displays list with all information.
Exception Condition	N/A	

Table 3.3.5: Use Case for Compare Trip

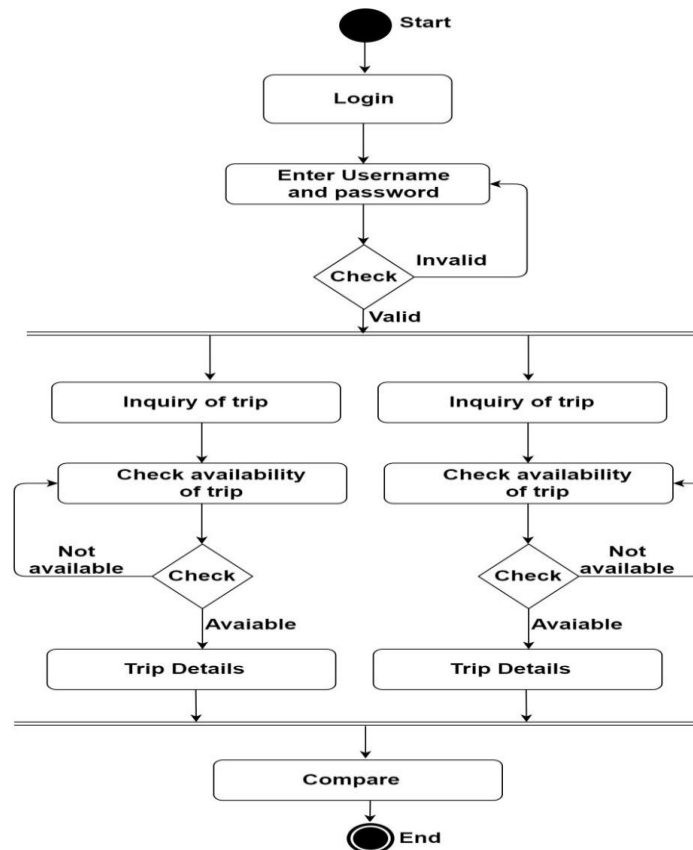


Figure 3.3.5: Activity Diagram for Compare Trip

3.3.6 Use Case for Budget

U.C No.	06	
U.C Name	Budget	
Actor	Registered user	
Trigger	User set budget reminder.	
Brief Description:	Registered user who has been set their budget, they will get notified as per as their budget meet.	
Precondition	User must be set budget to get reminder.	
Post condition	User will be reminded on their preferable budget.	
Flow Of Events	Actor	System
	1. User login to the system. 2. User set budget reminder.	1.1 System authenticates user. 2.1 System displays the reminder regarding budget.
Exception Condition	1. Without having any budget reminder, there will be no notification available.	

Table 3.3.6: Use Case for Budget Reminder

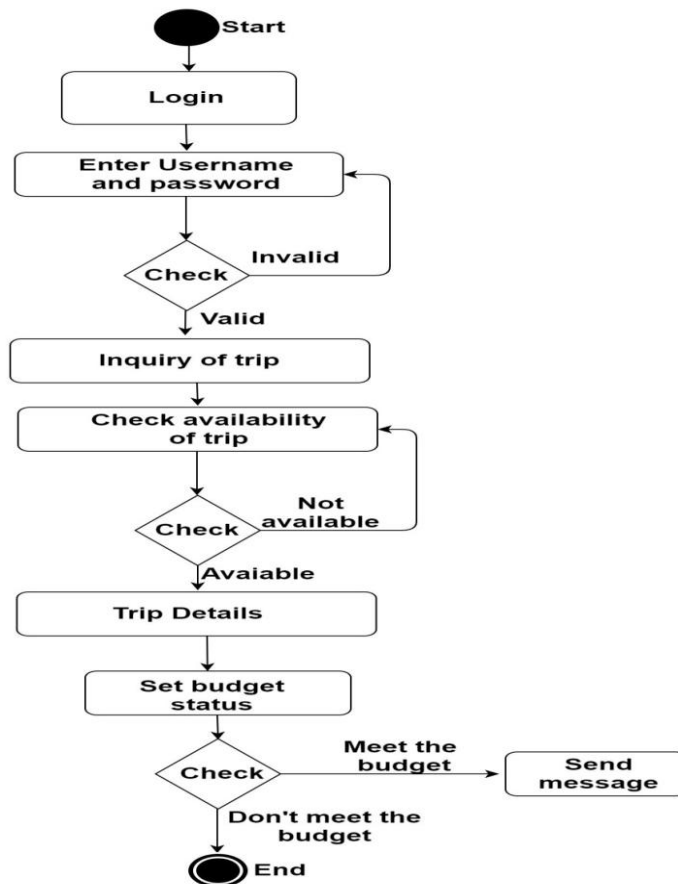


Figure 3.3.6: Activity Diagram for Budget Reminder

3.4 Logical Data Model

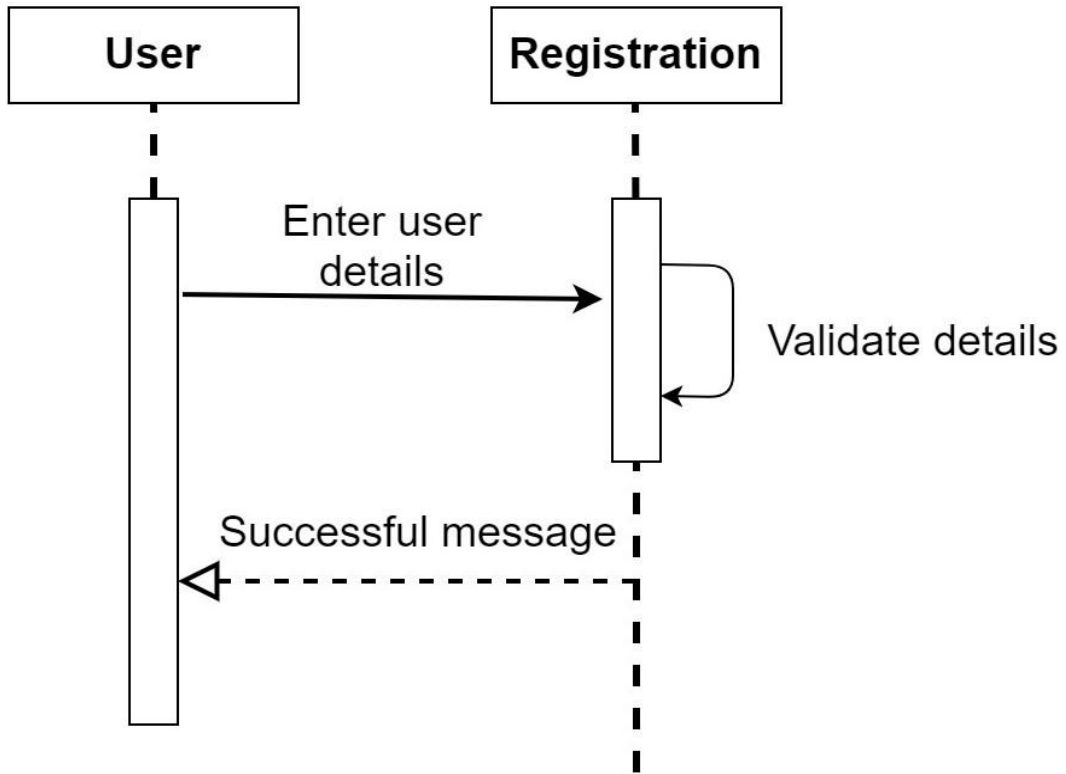


Figure 3.4.1: Logical Diagram for Registration

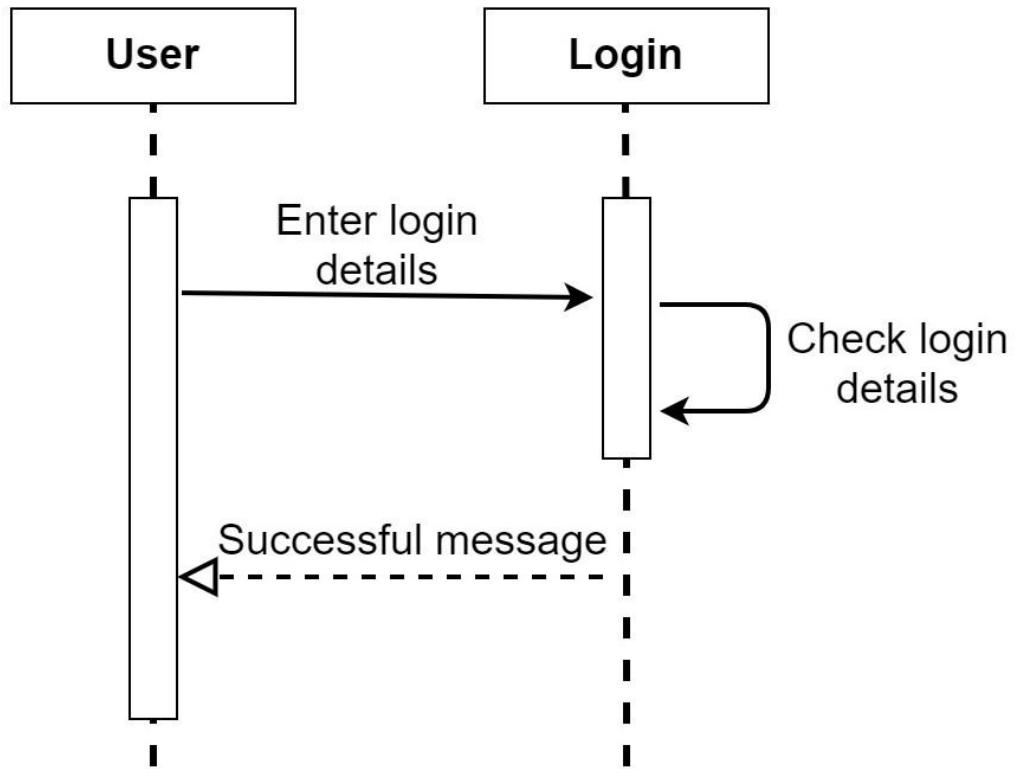


Figure 3.4.2: Logical Diagram for Login

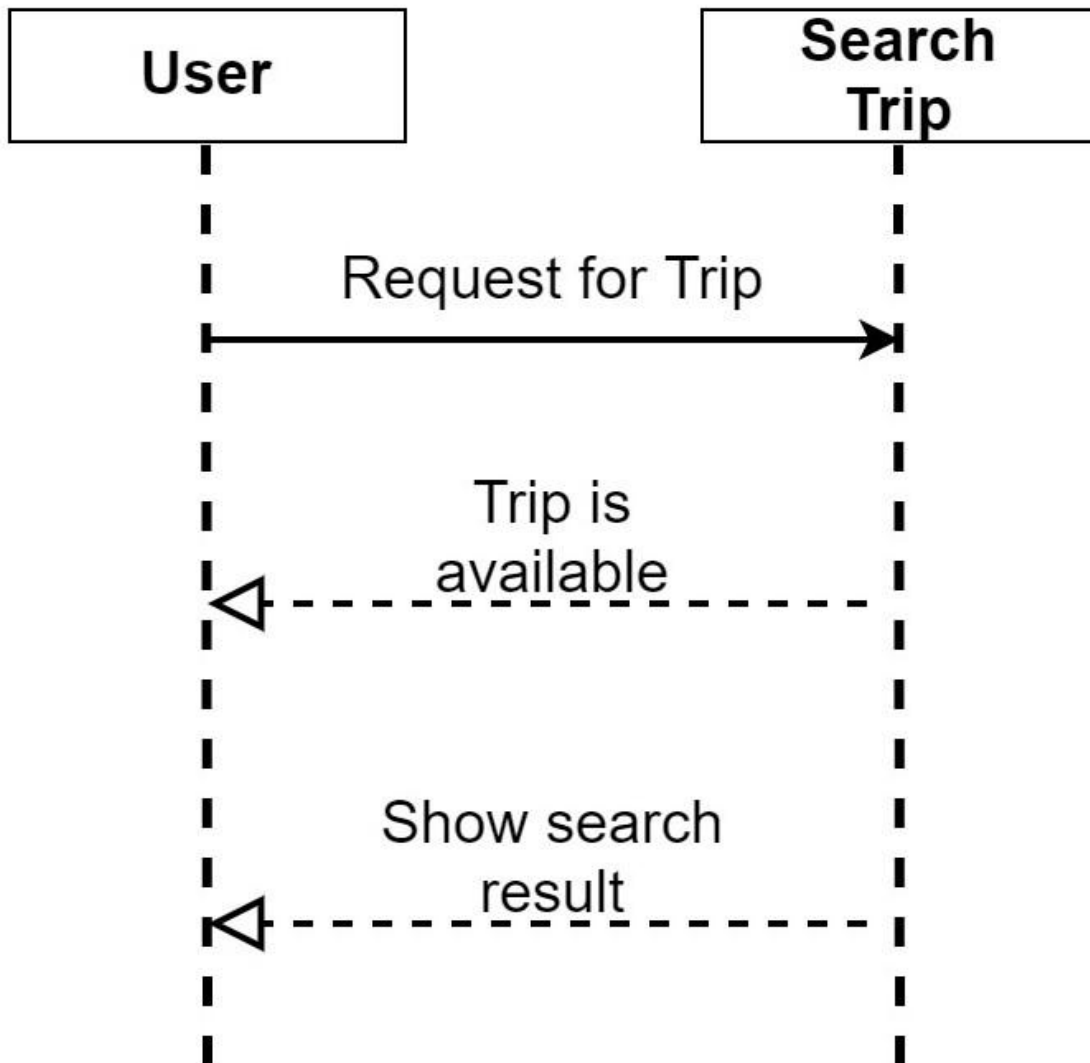


Figure 3.4.3: Logical Diagram for Search Trip

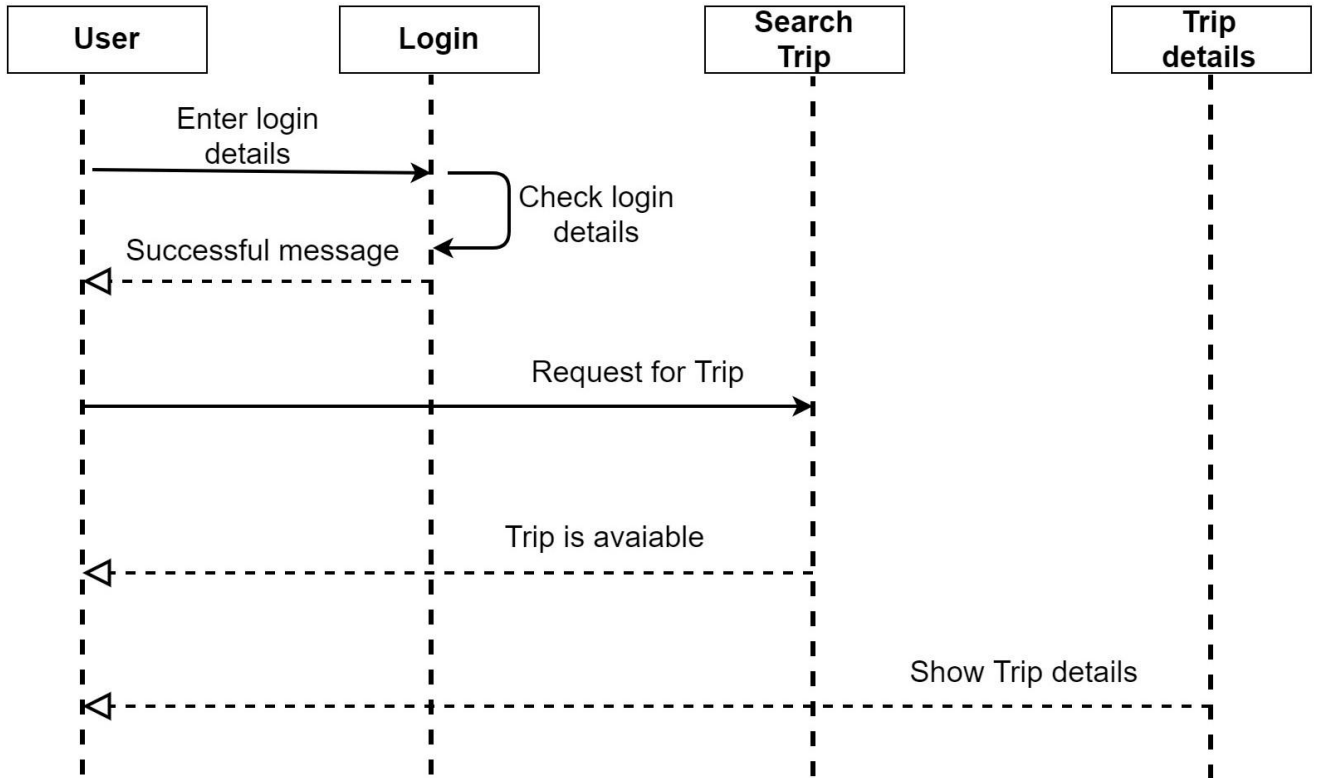


Figure 3.3.4: Logical Diagram for Trip Details

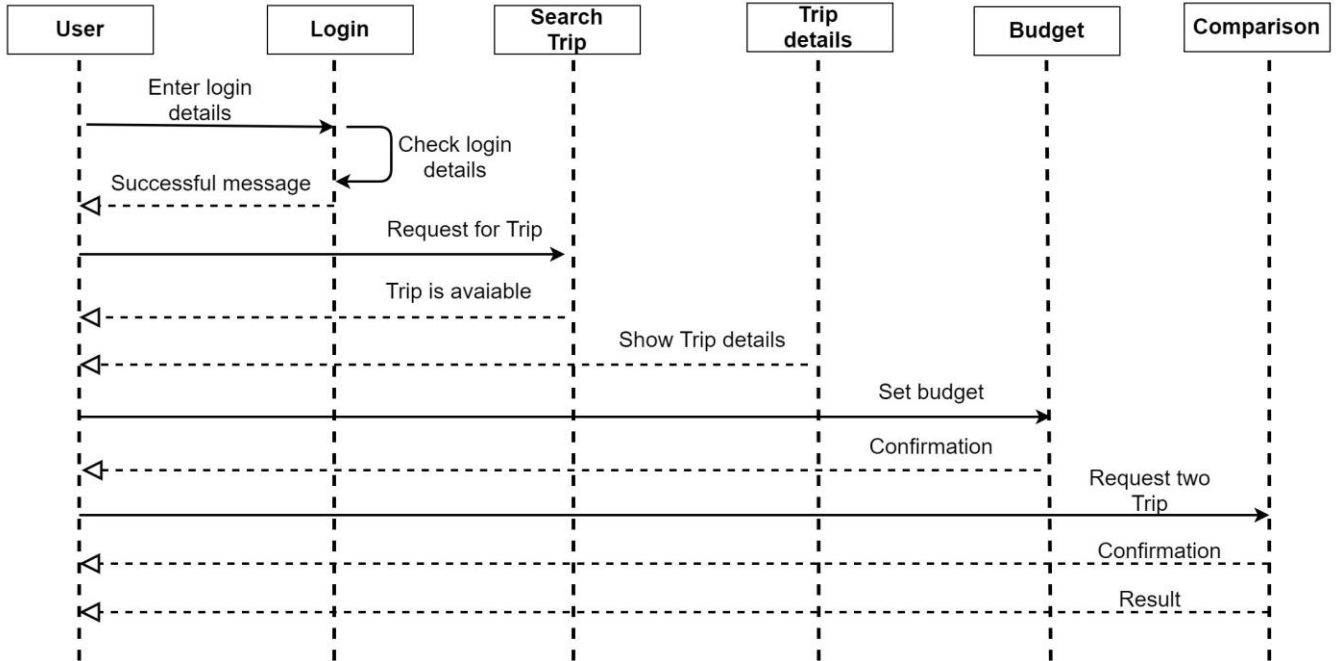


Figure 3.3.5: Logical Diagram for Compare with other trip

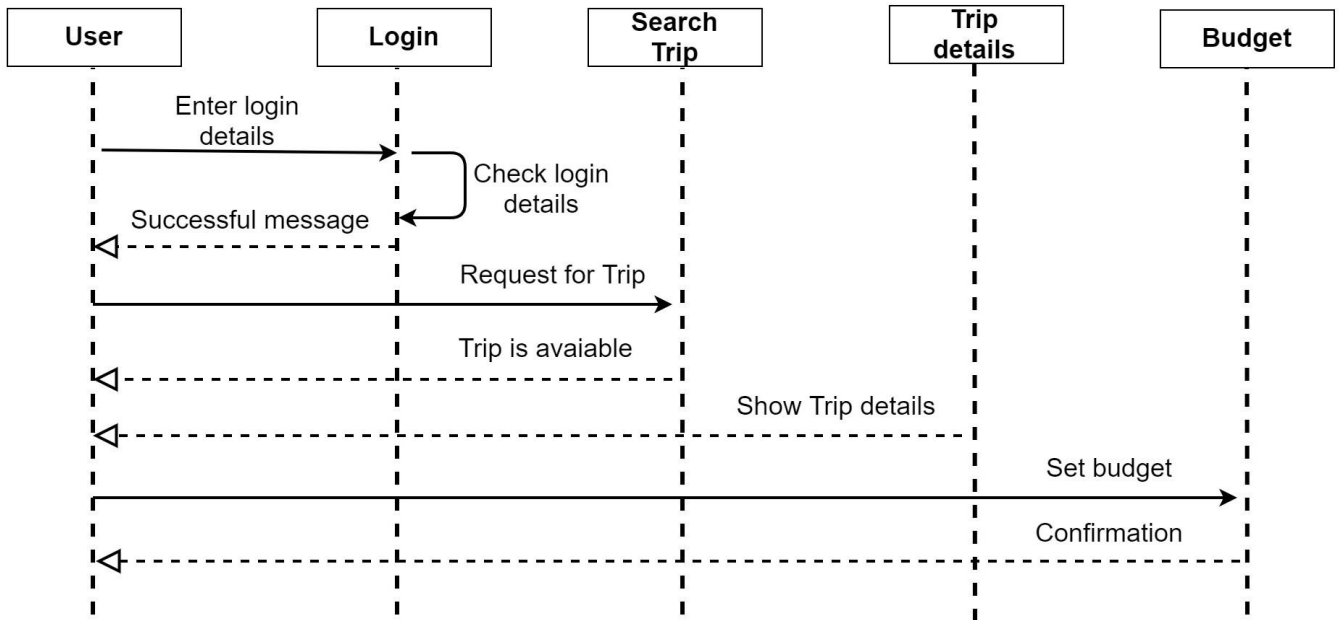


Figure 3.3.6: Logical Diagram for Budget Reminder

3.5 Design Requirement

The process of establishing the architecture, components, modules, interfaces, and data for a system in order to meet specific criteria is known as systems design. The complete system architecture of our application was demonstrated in this chapter, which includes architectural design, use case diagram, flow chart, and data flow diagram. This project's entire design is user-friendly. This project was created using modern and up-to-date design technologies. New concepts have also been considered in order to make it more user-friendly. As time permits, any kind of adjustment will be allowed in the future.

CHAPTER 4

Design Specification

4.1 Front-end Design

Front-end tools, which are used in developing our tourism management system, are given in the following:

- HTML (Markup Language)
- CSS (Cascading Style Sheet)
- BOOTSTRAP (CSS framework)
- JS (JavaScript)

4.2 Back-end Design

In the backend design, we use Python for scraping for collecting data from another website and Sqlite tools for our application. In near future we use oracle for the backend implementation. Sqlite is the popular tools for database management system.

4.3 Interaction Design and UX

Design

This project's entire design is user-friendly. This project was created using modern and up-to-date design technologies. New concepts have also been considered in order to make it more user-friendly. As time permits, any kind of modification will be allowed in the future.

Completion

This project would provide information about tourist sites. At any time, each panel will be updated.

Project Deliverables

Project deliverables are the project's outcomes that usually lead to positive outcomes change. Process improvements, new or better services, improved service quality, image and reputation artifacts, risk reduction advantages, increased personnel flexibility or effectiveness, or policy compliance are examples of deliverables.

Resource Allocation

Resource allocation in software planning refers to the strategy for utilizing available resources, such as human resources, in the short term to achieve long-term objectives. It is the process of providing resources between different enterprises, businesses, or educational divisions.

4.4 Implementation Requirements

It is very important to understand which tools and platforms are best to develop the software according to programming languages, requirements etc. I have used:

- VS Code (code editor)
- Sublime Textcode editor)
- Mozilla Firefox (Use as a live server)
- Github (version control using)
- Localhost

4.4.1 Functional Requirements:

SL. No	Name	Description	Type	Priority
01	Registration	User must be registered for their own profile to access this system.	Functional	High
02	Login	To access user dash board user has to login with login credentials.	Functional	High
03	Create Profile	After successful registration every registered user will have own profile.	Functional	High
04	Set Tour Plan Reminder	User can set preferable date or budget.	Functional	High
05	Notify User	User will get notify about their desire trip.	Functional	High
06	Trip package information	User can search or get available trip package details.	Functional	Medium

Table 4.4.1: List of Functional Requirements

4.4.2 Non-Functional Requirements

Non-Functional requirements for this system are given below:

- Availability-System will be available 24hrs
- Reliability-System is reliable, all data are protected.
- Usability-This system is user friendly.
- Security-System is secured.

4.4.3 Delivery Requirement

The entire system is expected to be delivered in four months, with a weekly project guide evaluation.

4.4.4 Data Requirements (User Registration)

- User name
- User email
- Contact information
- Password
- Address

4.4.5 Performance Requirements

Maintaining performance of any software is a very important job. To maintain performance of this software I have followed some requirements.

Speed and Latency Requirements

- The system should be faster.
- Visitor's search result should be show within seconds
- Browser result depends on internet speed.
- Page loading time is average.

Accuracy Requirements

- The system or search result will show accurate data.
- Data input should in right pattern to get actual result.

Capacity Requirements

- Many users, site visitors can use or visit this site.
- Has the capacity to hold or save huge data.
- A lot of data are under control of this system.

4.4.6 Dependability Requirements

Dependability means user's trust and user's confidence which operates with user's expectation from any software. It is related with availability, Reliability of any system.

Availability Requirements

- This system will be available to user 24/7.
- User can browser this site at any time.

Reliability Requirements

- In case of any emergency data back-up is available.
- There is no chance of losing recorded data.
- This system is properly validated, verified and tested.

4.4.7 Maintainability Requirements

Any web based application is not static. It needs to be upgraded after certain period of time. This system is easy in maintenance. It can adapt new requirements, modification without effect main functionalities.

4.4.8 Security Requirements

It is very important to provide best security services to users.

Access Requirements: Providing valid information, login credentials, only authorized user can access to this system and can use full details information about a trip. Admin has the full control of this system. Any unauthorized person or third only get limited access to this system.

Privacy Requirements: It is the most important task to provide privacy of user who is using this system. Every recorded data of users are important and sensitive. That is why all data of the central database belong to users are protected.

4.4.9 Usability and Human-Interaction Requirements

While developing any system, the developer's main target is to make it user friendly. I have made it user friendly to every user while browsing this system.

CHAPTER 5

Implementation and Testing

5.1 Implementation of Database

This is the screenshot of our databases of my project. Here include the authentic user data which will be the record of my background system also. I have worked in sqlite for databases set.

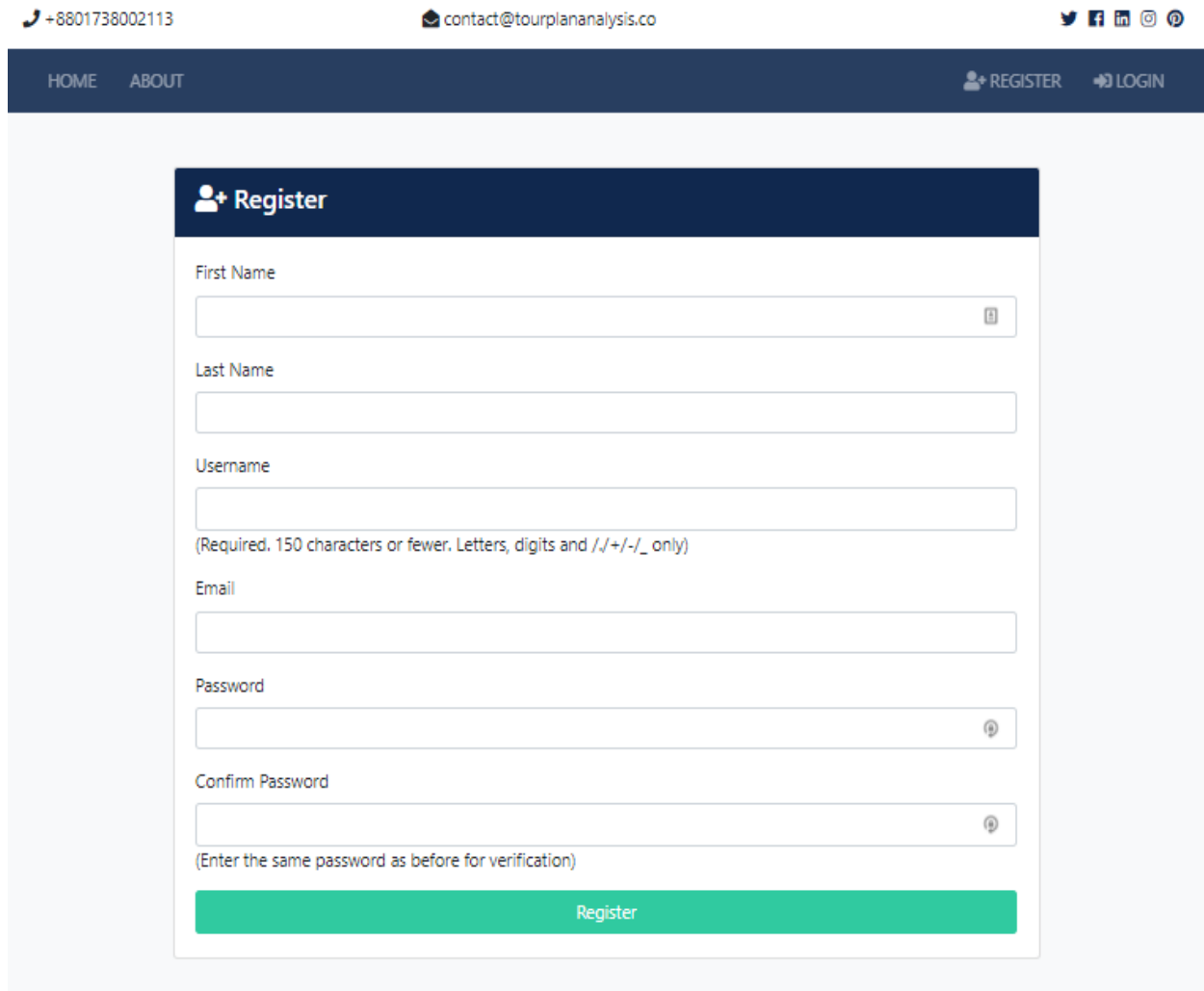
	id	password	last_login	is_superuser	username	first_name	email	is_staff	_activ	date_joined	last_name
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1	pbkdf2_sha25...	2022-01-07 ...	0	saimum	Saimum	saimumislam2@gmail.com	0	1	2022-01-06...	Islam
2	2	pbkdf2_sha25...	2022-01-07 ...	0	rasel	Rasel	rasel@gmail.com	0	1	2022-01-07...	Ahmed
3	3	pbkdf2_sha25...	NULL	0	karim	Gazi	karim@gmail.com	0	1	2022-01-07...	Karim
4	4	pbkdf2_sha25...	NULL	0	Saharia	Saharia	Saharia@gmail.com	0	1	2022-01-07...	Kabir
5	5	pbkdf2_sha25...	2022-01-07 ...	0	shanto	Shanto	shanto@gmail.com	0	1	2022-01-07...	Hossen
6	6	pbkdf2_sha25...	NULL	0	Shohel	Shohel	Shohel@gmail.com	0	1	2022-01-07...	Rana
7	7	pbkdf2_sha25...	2022-01-07 ...	0	Rezaul	Rezaul	Rezaul@gmail.com	0	1	2022-01-07...	Karim
8	8	pbkdf2_sha25...	NULL	0	Ratan	Ratan	Ratan@gmail.com	0	1	2022-01-07...	Babu
9	9	pbkdf2_sha25...	2022-01-07 ...	0	Mitusha	Mitusha	Mitusha@gmail.com	0	1	2022-01-07...	Tasnim
10	10	pbkdf2_sha25...	NULL	0	Bani	Bani	Banisiddique@gmail.com	0	1	2022-01-07...	Siddique
11	11	pbkdf2_sha25...	NULL	0	abarul	Abarul	abarulislam@gmail.com	0	1	2022-01-07...	Islam
12	12	pbkdf2_sha25...	2022-01-07 ...	0	morshedul	Morshedul	morshedul@gmail.com	0	1	2022-01-07...	Alam
13	13	pbkdf2_sha25...	2022-01-07 ...	0	sabbir	Sabbir	sabbir@gmail.com	0	1	2022-01-07...	Hossen
14	14	pbkdf2_sha25...	2022-01-07 ...	0	Iqbal	Iqbal ...	Iqbalraju@gmail.com	0	1	2022-01-07...	Raju
15	15	pbkdf2_sha25...	2022-01-07 ...	0	Saeid	Mohammad	Saeid@gmail.com	0	1	2022-01-07...	Saeid
16	16	pbkdf2_sha25...	NULL	0	Jahidul	Jahidul	Jahidulislam@gmail.com	0	1	2022-01-07...	Islam

Table 5.1: Sqlite database table

5.2 Implementation of Front-end Design

5.2.1 Registration For User

Any user can get registered by providing valid information.



The image shows a web browser interface with a registration form. At the top, there is a dark blue header with contact information: a phone icon and '+8801738002113', an email icon and 'contact@tourplananalysis.co', and social media icons for Twitter, Facebook, LinkedIn, Instagram, and Pinterest. Below the header is a navigation bar with 'HOME' and 'ABOUT' on the left, and 'REGISTER' and 'LOGIN' on the right. The main content area features a registration form with a dark blue header containing a user icon and the text 'Register'. The form includes the following fields and labels: 'First Name' with a text input field; 'Last Name' with a text input field; 'Username' with a text input field and a note below it: '(Required. 150 characters or fewer. Letters, digits and /./+/_ only)'; 'Email' with a text input field; 'Password' with a text input field and a toggle icon; 'Confirm Password' with a text input field and a toggle icon, and a note below it: '(Enter the same password as before for verification)'. At the bottom of the form is a green button labeled 'Register'.

Figure 5.2.1: Registration

5.2.2 Login

Successfully registered user can login to this system by giving correct email and password.



Figure 5.2.2: Login

5.2.3 Search Trip

User can search their desire trip and find their desire trip.

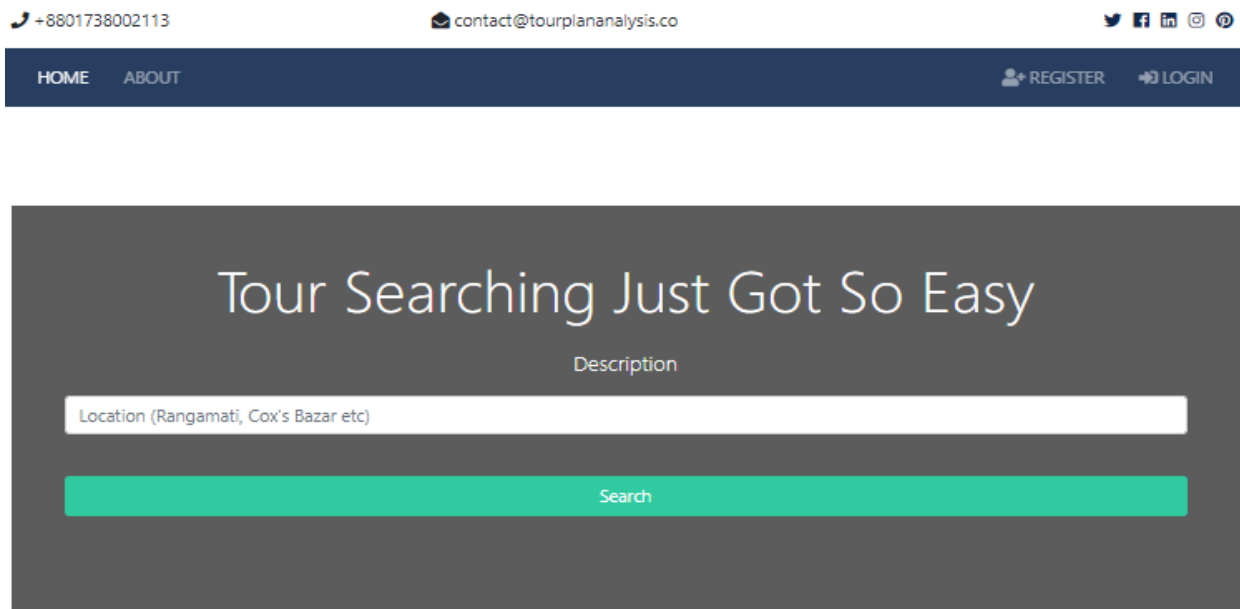


Figure 5.2.3: Search Trip

5.2.4 Latest Package List

After searching user can find latest tour package list and see details.

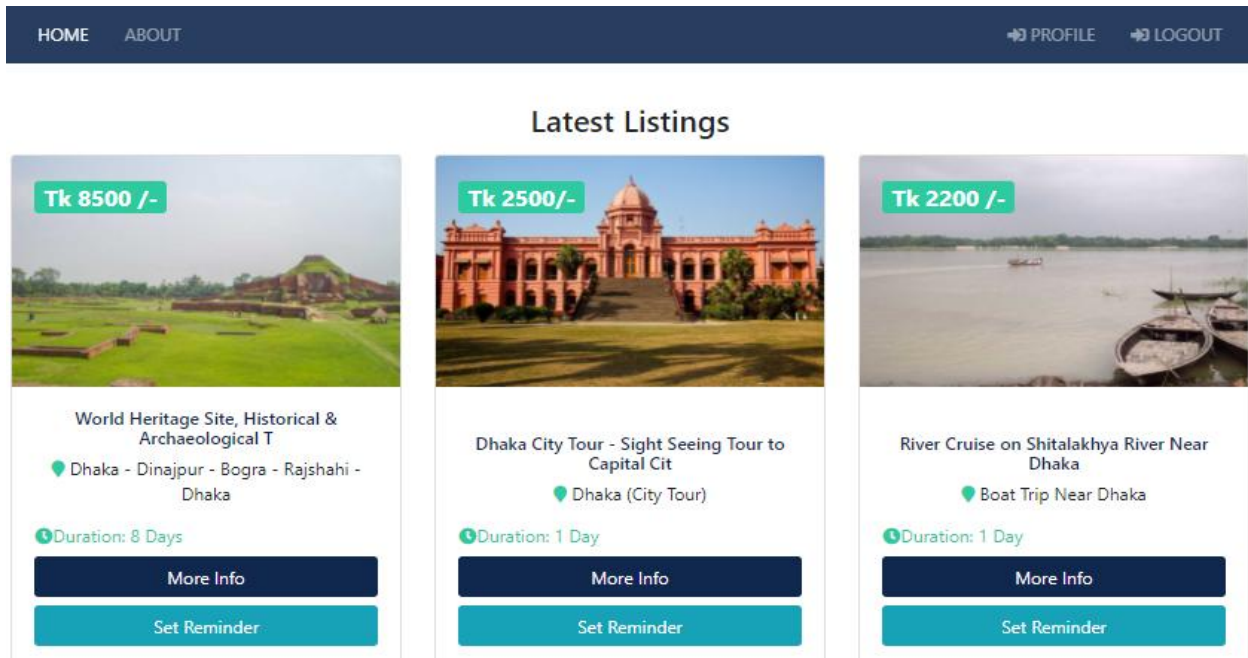


Figure 5.2.4: Latest Package List

5.2.5 Search Package List

User can see available search result and see details.

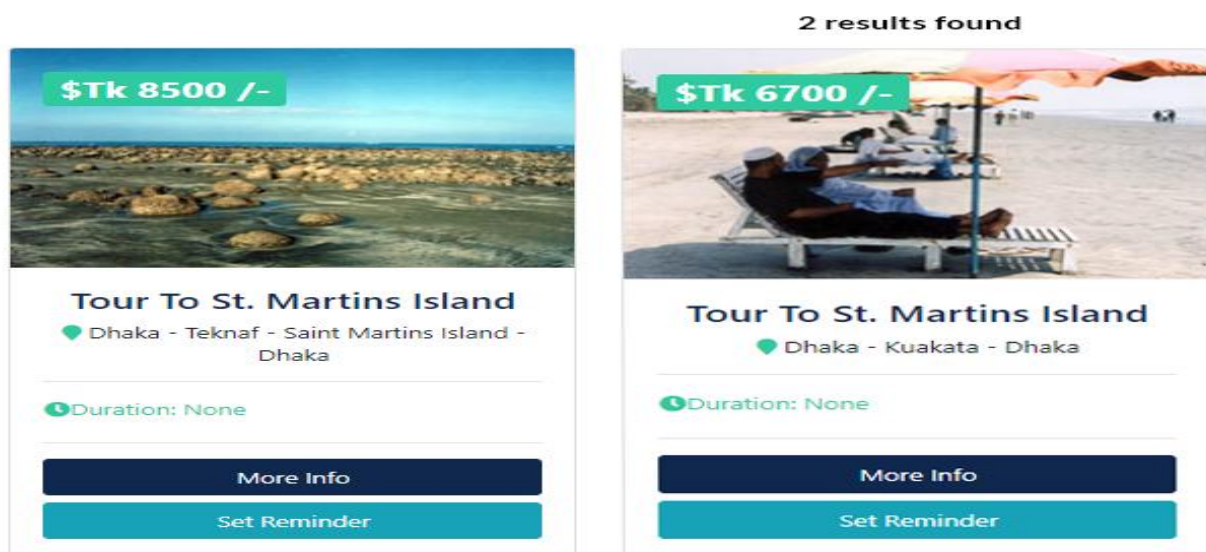
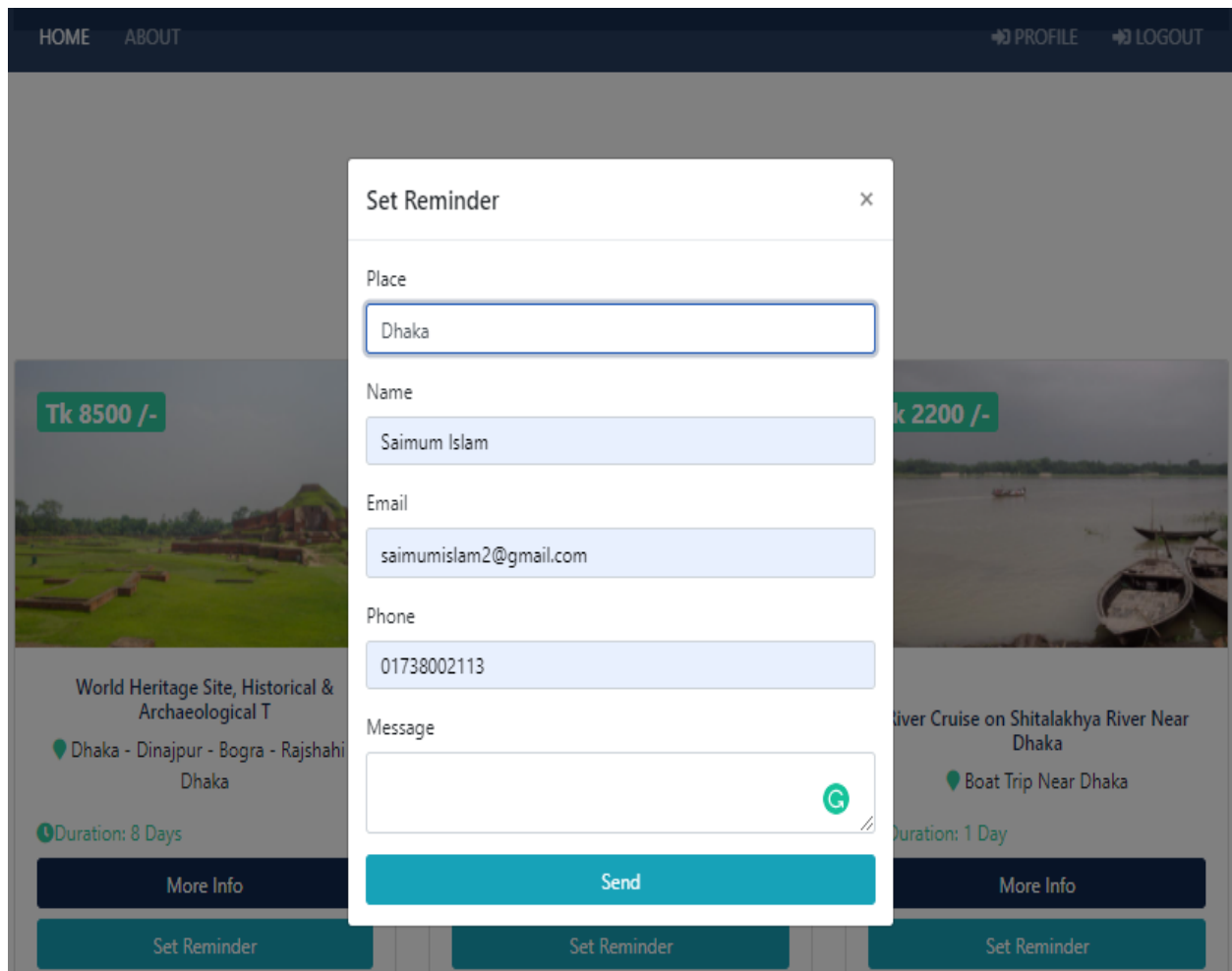


Figure 5.2.5: Search Package List

5.2.6 Reminder Package

Only registered user can set reminder for upcoming trip.



The screenshot displays a mobile application interface with a 'Set Reminder' modal form. The modal is centered and contains the following fields:

- Place:** Dhaka
- Name:** Saimum Islam
- Email:** saimumislam2@gmail.com
- Phone:** 01738002113
- Message:** (Empty text area)

The background shows two travel packages:

- Package 1:** World Heritage Site, Historical & Archaeological T. Dhaka - Dinajpur - Bogra - Rajshahi Dhaka. Duration: 8 Days. Price: Tk 8500 /-. Buttons: More Info, Set Reminder.
- Package 2:** River Cruise on Shitalakhya River Near Dhaka. Boat Trip Near Dhaka. Duration: 1 Day. Price: Tk 2200 /-. Buttons: More Info, Set Reminder.

Figure 5.2.6: Reminder Package

5.2.7 Reminder Approved

After set reminder a package, admin approved that and user get notification.

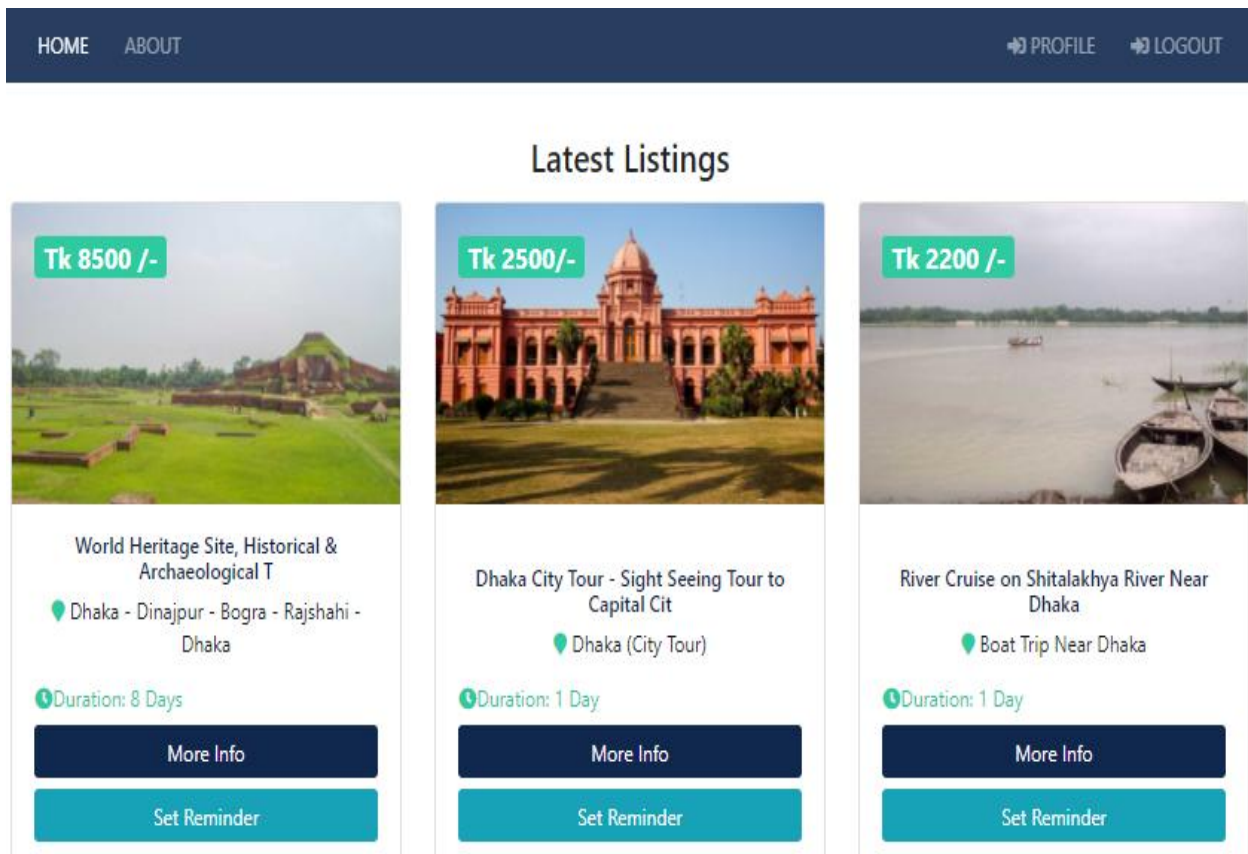



Figure 5.2.7: Reminder Approved.

5.2.8 Update Profile

User can update their profile.

HOME ABOUT PROFILE LOGOUT



saimum
saimumislam2@gmail.com

Profile Info

Username*

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Email*

Image*

Currently: profile_pics/profile_BcS6lJ8.jpg

Change:

No file chosen

Copyright © 2022 Tour Plan Analysis

Figure 5.2.8: Update Profile

5.2.9 About

User can get better understanding in this page.

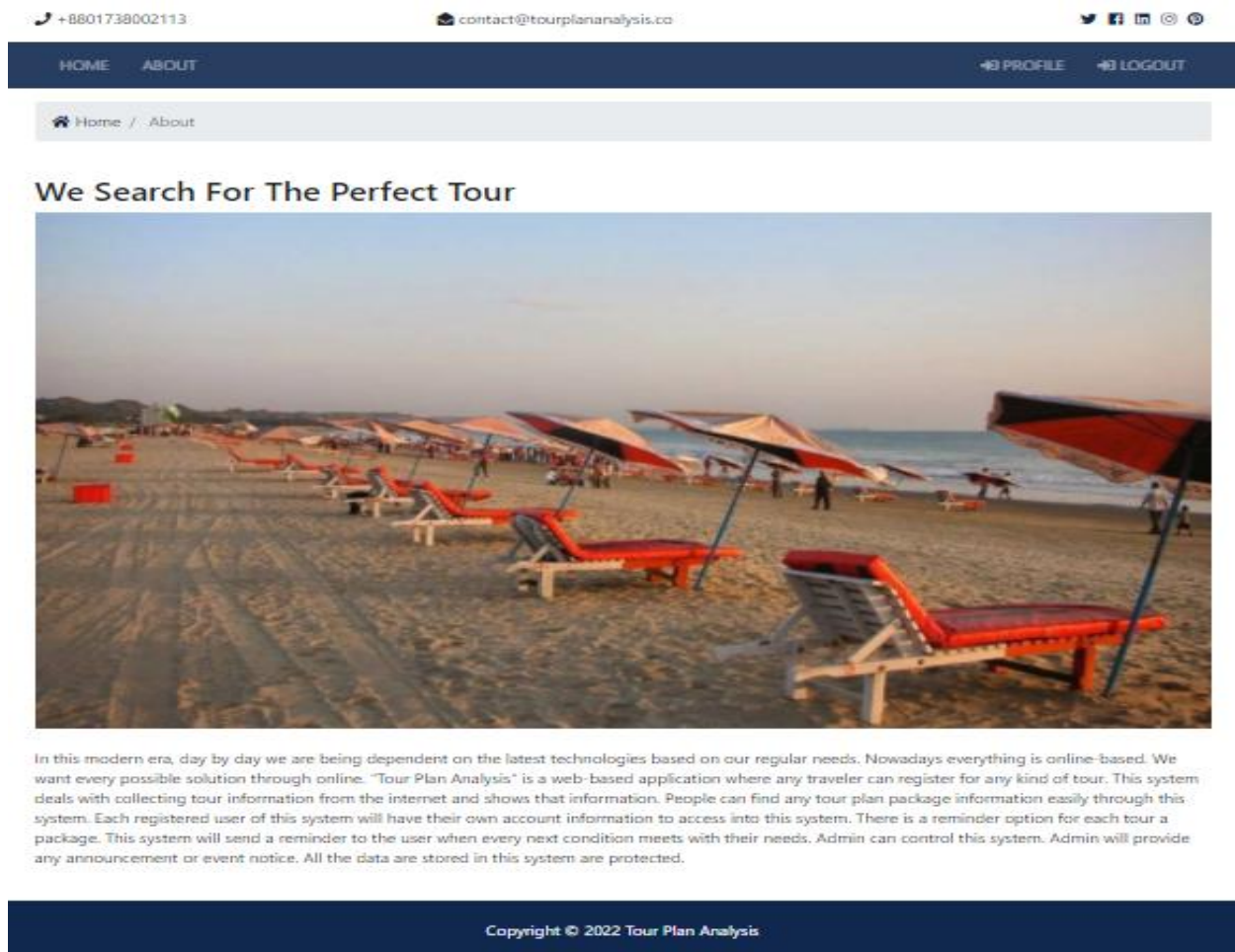


Figure 5.2.9: About

5.2.10 Logout

User can logout their profile.

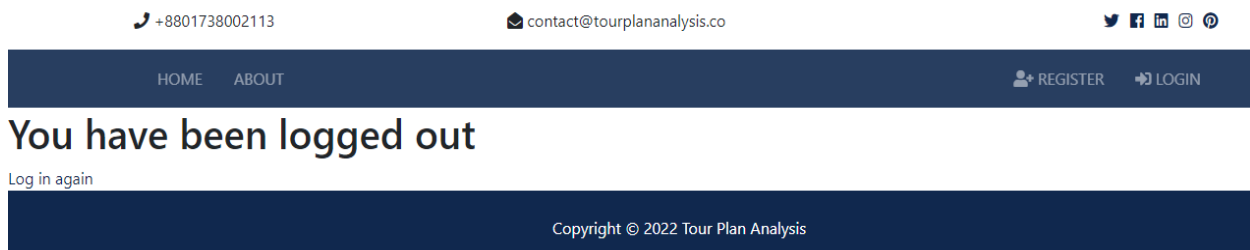


Figure 5.2.10: Logout

5.3 Testing Implementation

Software testing can be considered as finding error, weakness of that system, verifying the system, identifying any gap of requirements. To make sure that the system is working as planned for something like the customer and that it is free from defects or bugs. Every feature is included or functionalities need to be tested thoroughly under development stage. Different features work differently. So I have to test some features of my project. Testing ensures system is more reliable, secured, effective and efficient.

5.3.1 Features To Be Tested

Features	Priority	Description
Registration	1	To access full features of the system user must be registered.
Login	1	User must be authenticated while login.
Logout	1	Session must be destroyed after logout.
Set Budget	2	Specific budget must be set to selected tour package.
Notify User	1	User must be notified to account or by email at specific date.

Table 5.3.1: Features to be Tested

Here, 1= High Priority, 2= Medium Priority, 3= Low Priori

5.3.2 Testing Strategy

The test strategy describes how each component of the application should be implemented. It is a comprehensive collection of principles that cover every aspect of test design and execution. It determines which technique shall be used and which component should indeed be tested.

5.3.3 Test Approach: A familiar test approach is the design process when bug has been finding out and fixing before the feature has been built. There are two processes to test approach automation and manual testing. In automation testing some tools are used to find bug or errors automatically. I have used manual testing process. Without using any automation tools, I have checked through each feature one by one and confirmed it.

5.3.4 Pass/ Fail Criteria: Test engineers will determine the pass/fail criteria. It depends on whether or not all of the requirements are fulfilled. If a test case is doing well, it can be classified as either a pass or a fail. In all circumstances, I have given my all to meet the passing criterion. If any feature fails to function properly during the test, it will be marked as a fail.

5.3.5 Test Case

Test Case No-1

T.C-1		T.C Name: Registration		
System: Tour Plan Analysis		Subsystem: -		
Design by: Saimum		Date of Design: 7-12-2021		
Executed by: Saimum		Executed Date: 7-12-2021		
Short Description: Giving valid info user can register to this system				
Precondition: 1. User have to enter correct URL 2. User must provide valid data				
Step	Action	Response	Pass/Fail	Comment
1	User fills the form with correct information	The user redirects to the login page by the system	Pass	
Post Condition: User can login now.				
Fail Case: If user provides any wrong information it will give error message and redirect to registration page.				

Table 5.3.5: Test Case for Registration

Test Case No-2

Test case #2		Test case name: Login			
System: Tour Plan Analysis		Subsystem: -			
Design by: Saimum		Design Date: 10-12-2021			
Executed by: Saimum		Executed Date: 10-12-2021			
Short Description: With login credential authenticated user can login to this system.					
Precondition: 1. User have to enter correct URL 2. User must be registered providing valid information.					
Step	Action		Response	Pass/Fail	Comment
	Email	Password		Pass	
1	Saimum@gmail.com	1234	Invalid credentials		
2	Saimum@gmail.com	Blank Field	Any field can't be blank		
3	Saimum@gmail.com	Sm12345	Successful login		
Post Condition: User can successfully login to the dashboard					

Table 5.3.6: Test Case for Login

Test Case No-3

Test case #3		Test case name: Logout		
System: Tour Plan Analysis		Subsystem: -		
Design by: Saimum		Design Date: 10-12-2021		
Executed by: Saimum		Executed Date: 11-12-2021		
Short Description: When user clicks on the logout button user must be out of his dashboard and will not be redirect to dashboard without login again.				
Precondition: 1. User must be logged in to the system. 2. Session must be start				
Step	Action	Response	Pass/Fail	Comment
1	User clicks on logout button	System redirect the home page and session has been destroyed	Pass	
Post Condition: Users have again login with login credentials.				
Fail Case: N/A				

Table 5.3.7: Test Case for Logout

Test Case No-4

Test case #4		Test case name: Search Trip		
System: Tour Plan Analysis		Subsystem: -		
Design by: Saimum		Design Date: 17-12-2021		
Executed by: Saimum		Executed Date: 17-12-2021		
Short Description: When user want to search any package, they have to provide relevant information.				
Precondition: 1.User must be enter correct URL.				
Step	Action	Response	Pass/Fail	Comment
1	User search trip	System show result.	Pass	
Post Condition: User can get details information.				
Fail Case: N/A				

Table 5.3.8: Test Case for Search Trip

Test Case No-5

Test case #5		Test case name: Notify user		
System: Tour Plan Analysis		Subsystem: -		
Design by: Saimum		Design Date: 20-12-2021		
Executed by: Saimum		Executed Date: 20-12-2021		
Short Description: Notify user about their set budget or date				
Precondition: 1.User must be set desire budget or date.				
Step	Action	Response	Pass/Fail	Comment
1	Uswe selects date	Page displays available package list	Pass	
2	System sends email	Email has been send to user	Pass	
Post Condition: User can get notification.				
Fail Case: N/A				

Table 5.3.9: Test Case for Notify user

Test Case No-6

Test case #6		Test case name: Compare Trip		
System: Tour Plan Analysis		Subsystem: -		
Design by: Saimum		Design Date: 22-12-2021		
Executed by: Saimum		Executed Date: 22-12-2021		
Short Description: User can search and compare available trip.				
Precondition: 1. Search field must be submitted with relevant keywords				
Step	Action	Response	Pass/Fail	Comment
1	User enter their budget	Page displays meet their budget trip information.	Pass	
2	User enter unavailable package	System returns there is no such package	Pass	
Post Condition: User get their compared trip details				
Fail Case: N/A				

Table 5.3.10: Test Case for Compare Trip

5.4 Test Results and Reports

The test report is necessary to reflect testing in a formal manner, providing a scope for quickly estimating testing results. It's a piece of paper that organizes the data from your evaluation experiment, explains the environment or operational circumstances, and compares the test results to the test objectives. More importantly, a test report is required to determine whether the machine is ready for installation or not. There are numerous different types of testing that we must inform you about. There are many various types of testing. If the system passes all of these forms of testing, it is finally ready to use, and we can use the results to maximize the benefits of usability testing.

Benefits of Usability Testing	Yes	No
Good Quality of system	√	
System is easier to use	√	
Application is rapidly accepted by users	√	
Easy to use for the new user	√	
Better UI for interaction	√	

Table 5.4.1: Benefits of usability testing

CHAPTER 6

Conclusion and Future Scope

7.1 Discussion and Conclusion

I truly think that the tour plan analysis will be a beneficial, supportable, and servable system for both old and new tourists to obtain the information they seek. In addition, we believe that tour plan analysis saves a lot of time, money, and effort. As a result, we are able to achieve good results for the involved in the study principal goal. Tour Plan Analysis achieves a number of well-executed messages, a large amount of data, and access to effective tourism process goals. We can predict that it will be a large-scale integrated information system aimed mostly at tourists.

7.2 Future Improvement

This project has fulfilled its all criteria but in future I want to improve this project and want to add more features. Features I want to add:

- Want to build an android version of this project.
- SMS system integration to notify user
- Bulk email sending

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