



Daffodil
International
University

Project Title: Tour Travels & BD

Submitted by

Subir Kundo

ID: 191-35-2710

Department of Software Engineering,
Daffodil International University

Supervised by

MS. Fatama Binta Rafiq

Lecturer(Senior Scale),
Department of Software Engineering,
Daffodil International University

This project is submitted in partial fulfillment of the requirement for the degree
of Bachelor of Science in Software Engineering

**© All right Reserved by Daffodil International
University**

APPROVAL

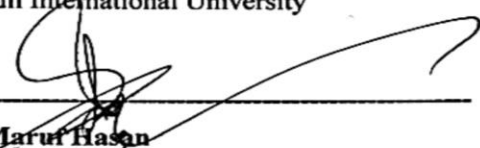
This project titled on “**Tour and Travels BD**”, submitted by **Subir kundo (ID: 191-35-2710)** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

BOARD OF EXAMINERS




Dr. Imran Mahmud
Head and Associate Professor
Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Chairman



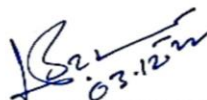
Md. Maruf Hasan
Associate Professor
Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Internal Examiner 1



Fatama Binta Rafiq
Lecturer (Senior)
Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Internal Examiner 2



Dr. Md. Sazzadur Rahman
Associate Professor
Institute of Information Technology
Jahangirnagar University

External Examiner

DECLARATION

I hereby state that **Ms. Fatama Binta Rafiq, Lecturer (Senior Scale)**, Department of Software Engineering, Daffodil International University, was the person who oversaw the completion of this project. I further declare that this project is my original creation for the B.Sc. in Software Engineering degree and that neither the entire project nor any of its components have ever been submitted for another degree at this university or any other.

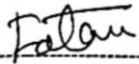


Subir Kundo

ID: 191-35-2710

Department of Software Engineering
Daffodil International University

Certified by:



Ms Fatama Binta Rafiq

Lecturer (Senior Scale)

Department of Software Engineering
Daffodil International University

ACKNOWLEDGEMENT

In today's competitive environment, there is a race for existence in which they must advance to succeed. The endeavor serves as a link between academic and practical endeavors. I decided to take part in this unique endeavor because of this ambition. I want to start by giving thanks to the Almighty God for clearly guiding me to live a good life. This effort would not have been possible without His grace. And my parents, to whom I owe a great deal for their love and support in helping me reach this point.

I must discuss the chance to attend Daffodil International University because I feel forced to. I greatly appreciate Prof. Dr. Imran Mahmud's leadership as the department head for software engineering. Full of all the renowned professors who like imparting knowledge to me in an engaging manner. They are a blessing to have along on the ride.

I have a special responsibility to Daffodil International University, and will do so under the continual supervision of Ms. Fatama Binta Rafiq, in order to offer them with the information they need, to respect their initiative, and to enlist their assistance in finishing the project.

Finally, I would want to convey my gratitude to my DIU classmate for their kind assistance and comfort in helping me complete this work.

ABSTRACT

The Website was created using real-world examples. In commercial applications, it is quite beneficial. People need some joyous vacation due to the tremendously demanding job environment of today. The website will offer customers relaxing, stress-free vacations with affordable, specially designed packages that meet their needs. Since it is web-based, it can offer services in practically all of Bangladesh's cities. It offer tour and travel services including ticket bookings, hotel reservations, holiday tour packages, domestic tour packages only in one click. It provide the most suitably designed as well as the customized travel packages to the customers. A traveler can find everything related to travelling services under one roof by this website. The site will help to estimate the benefits and calculate the requirement very easily. The benefits will be in terms of speedy query. Smooth and faster operations at all levels improve the working atmosphere of the entire organization.

Table of Contents

CHAPTER 1: INTRODUCTION	1
1.1 Project Overview	2
1.2 Project Purpose	3
1.3 Background.....	4
1.4 Benefits & Beneficiaries.....	4
1.5 Stakeholders	4
1.6 Proposed System Model.....	5
1.7 Modules Of Tour & Travels BD	6
1.8 Project Schedule	6
1.8.1 Gantt Chart.....	7
1.8.2 Release Plan and Milestone	8
1.9 Objective	9
CHAPTER 2: REQUIREMENT ENGINEERING.....	10
2.1 Functional Requirements	11
2.2 Non-Functional Requirements	12
CHAPTER 3: SYSTEM ANALYSIS, DESIGN & SPECIFICATION.....	13
3.1 Development Model.....	14
3.2 Use Case Diagram.....	15
Use Case description	16
3.2.1 Registration	16
3.2.2 Login	16
3.2.3 Modify User.....	16
3.2.4 Create Event	16
3.2.5 View Event.....	16
3.2.6 Booking Tour Event	16
3.2.7 Book Hotel.....	17
3.2.8 Select Transport	17
3.2.9 Feedback	17
3.2.10 Report.....	17

3.2.11 Logout	17
3.3 Activity Diagram	18
3.4 Sequence Diagram.....	24
3.5 Entity Relationship Diagram (ERD).....	30
CHAPTER 4: SYSTEM TESTING	31
4.1 Feature Testing.....	32
4.1.1 Features to be tested	32
4.2 Test Strategies	33
4.2.1 Test approach.....	33
4.2.2 Testing Schedule.....	33
CHAPTER 5: USER MANUAL.....	34
5.1 Registration	35
5.2 Home Page	36
5.3 About Us.....	37
5.4 Tour Packages.....	38
5.5 Login.....	38
5.6 Book Tour	39
5.7 Customize Tour Packages	39
5.8 New Customize Price	40
5.9 Tour Book Successfully	40
5.10 Contact Us	41
CHAPTER 6: CONCLUSION	42
6.1 Project Summary	43
6.2 Tool and platform.....	44
6.3 Limitations.....	45
6.4 Future Scope	45

CHAPTER 1: INTRODUCTION

1.1 Project Overview

An quick internet tour service management system is "Tour & Travels Bd." This system will provide anyone, in any location, at any time, all types of travel and tour-related services. The service provider will offer aim mediate service. People may find their ideal travels and vacations with the aid of the tour packages. In this "Tour & Travels BD," anybody who needs to design tour packages for their own use may do so without much difficulty.

Users of this system will receive services from the service provider. Requests for personalized tour packages can be sent by tourists. After receiving the request, the service provider will reserve the tour package. The website will assist in estimating the total cost of the trip, and after viewing the package price, visitors may make a reservation.

1.2 Project Purpose

"Tour & Travels BD" exists to provide consumers with all tour and vacation-related services. Local vacations, mountain vacations, and beach vacations are all offered through this system. This system's major objective is to provide tourists with the trip packages they want at any time. They may either create their own preferred packages or book packages from the comfort of their own home. Through this website, they may search for the packages they want.

Features offered by "Tour & Travels BD":

1. To provide clients a variety of travel and vacation packages.
2. It can offer services in practically all of Bangladesh's cities.
3. We aim to give our customers the greatest service available and the level of comfort they desire.
4. We provide customers stress-free, enjoyable, rejuvenating vacations with affordable, individualized packages.
5. People of various ages and backgrounds will visit to take advantage of Tour & Travel BD's distinctive, sophisticated, happy, and refreshing environment.

1.3 Background

I want to develop a user-friendly system based on a Tour & Travels BD system that gives both the user and the admin the power to select their services. I made an effort to develop a complete system that will be trustworthy, safe, and most importantly, user-friendly.

1.4 Benefits & Beneficiaries

One method will be useful for tourists since they can locate all travel-related services on this website under one roof. Using this approach, travelers may design or modify their own preferred trip.

1.5 Stakeholders

A stakeholder is a person who has the potential to influence or be affected by a project, plan, or organization. They might be senior or junior level, internal or external, and at either level. Users and administrators are the system's stakeholders, in my opinion.

*Admin

*User

1.6 Proposed System Model

In order to provide a user-friendly interface for this system, I created this model. This model was created to help me see and manage the system architecture.

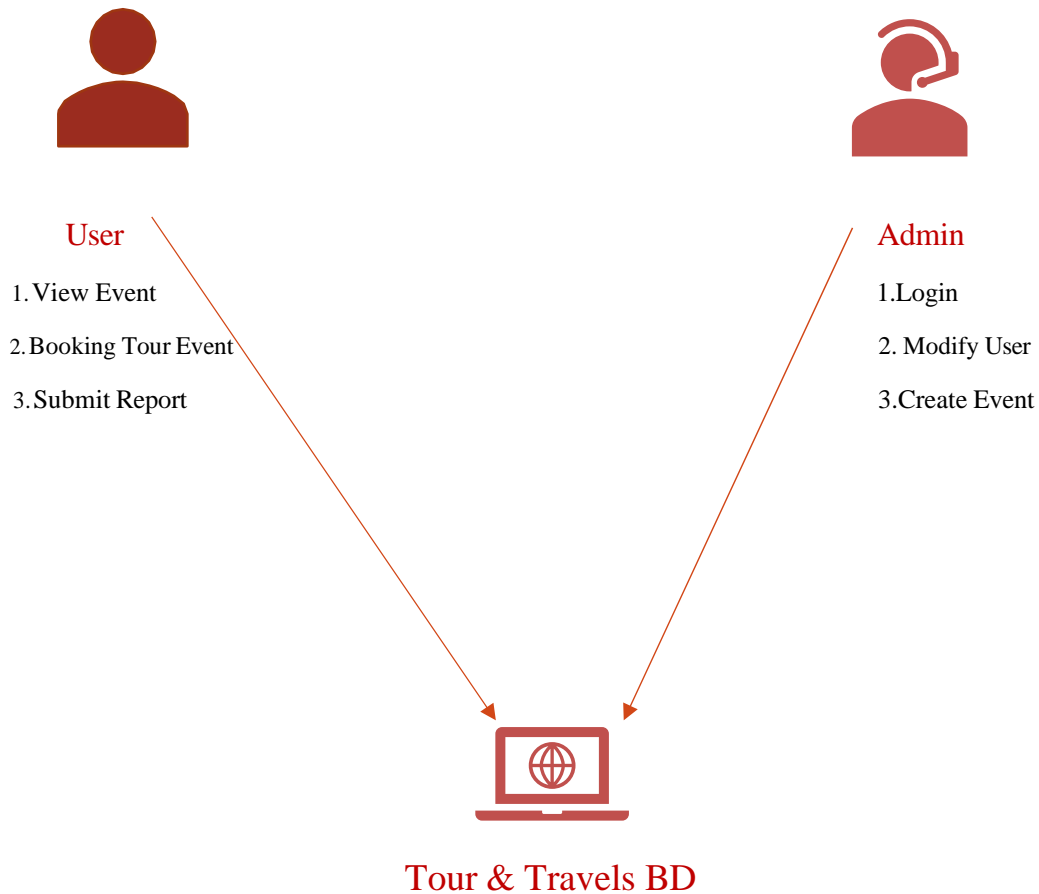


Figure: 1.1 : Tour & Travels BD

1.7 Modules Of Tour & Travels BD

- Login module: used to verify users
- View event module: used for customizing & booking package-related functions. •
Registration module: utilized for managing system users.
- Modify User Module: This module is used to manage the user's details and information.
- Create module: used to produce user-created packages.

1.8 Project Schedule

I must prepare a schedule quickly if I want to complete the assignment on time. It also means to communicate about tasks that must be completed quickly.

1.8.1 Gantt Chart

activities	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12
Market Research												
Specifications												
Planning												
Design												
Development												
Testing												
Assessment												
Documentation												

Table 1.1 : Gantt Chart

1.8.2 Release Plan and Milestone

The release plan and milestones are given below:

Activities	Duration in week	Total week
Research	W1, W2	2
Specifications	W2, W3, W4	3
Planning	W3, W4	2
Design	W4, W5	2
Development	W4, W5, W6, W7	4
Testing	W7, W8	2
Assessment	W9, W10	2
Documentation	W10, W11, W12	3
Software release	W12	1

Table 1.2: Release Plan

1.9 Objective

This project's primary goal is to provide all types of services to the public. It's a real-time online service management platform.

Practically: The program needs to be reliable and simple enough for users of ordinary intellect to use.

Efficiency: This entails the output's correctness, promptness, and thoroughness.

Cost: A system with a low cost is something that should be sought for, but it must also meet all the criteria.

Portability: All environments should be compatible with the web application.

Security: This crucial component of design includes locations for data physical security. A login feature that allows a username and password for the administrator and user might offer this. Thus, it 100% effectively and simply simplifies administrative labor.

CHAPTER 2: REQUIREMENT ENGINEERING

2.1 Functional Requirements

A system or a component is defined by its functional needs. What "should the system do?" is specified. The user determines the necessary functionality. You must comply with these conditions. The use case includes it.

The functional requirements of “Tour & Travels BD” are:

- Registration
- Log in
- Modify User
- Create Event
- View Event
- Book Tour Event
- Book Hotel
- Select Transport
- Feedback
- Report
- Logout

2.2 Non-Functional Requirements

Non-functional requirements specify a system's quality characteristic. "How should the system satisfy the functional requirements?" is specified. Technical experts or software developers specify non-functional requirements. You must comply with these conditions. It is recorded as a characteristic of quality.

The non-functional requirements of “Tour & Travels BD” are:

- Compliance
- Documentation
- Privacy
- Quality
- Stability
- Authority
- Response time
- Reliability

CHAPTER 3: SYSTEM ANALYSIS, DESIGN & SPECIFICATION

3.1 Development Model

The "Tour & Travels Bd" project is being developed using an iterative improvement strategy. This concept eliminates the flaw in the waterfall model.

When a project consists of numerous distinct components that run independently of one another, these models perform exceptionally well. Iterative enhancement and fast application are the two models included in incremental process models.

With the exception of allowing several design iterations, the iterative improvement methodology is similar to the waterfall model. Each cycle ends with the launching of a new product. The following cycle is influenced by the lessons learned.

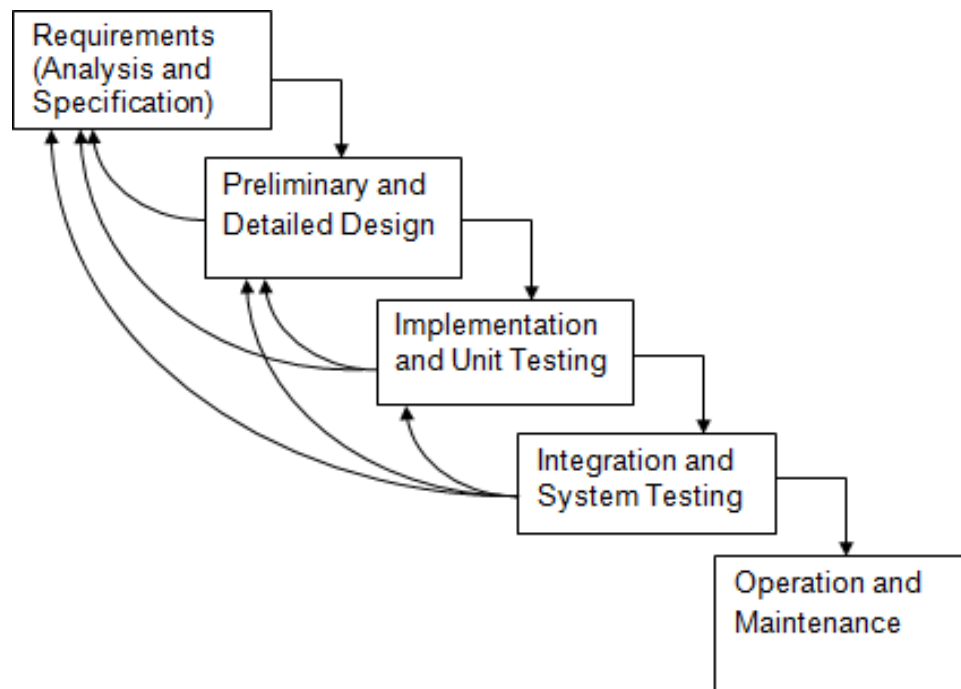


Figure 3.1: Iterative Enhancement Model

3.2 Use Case Diagram

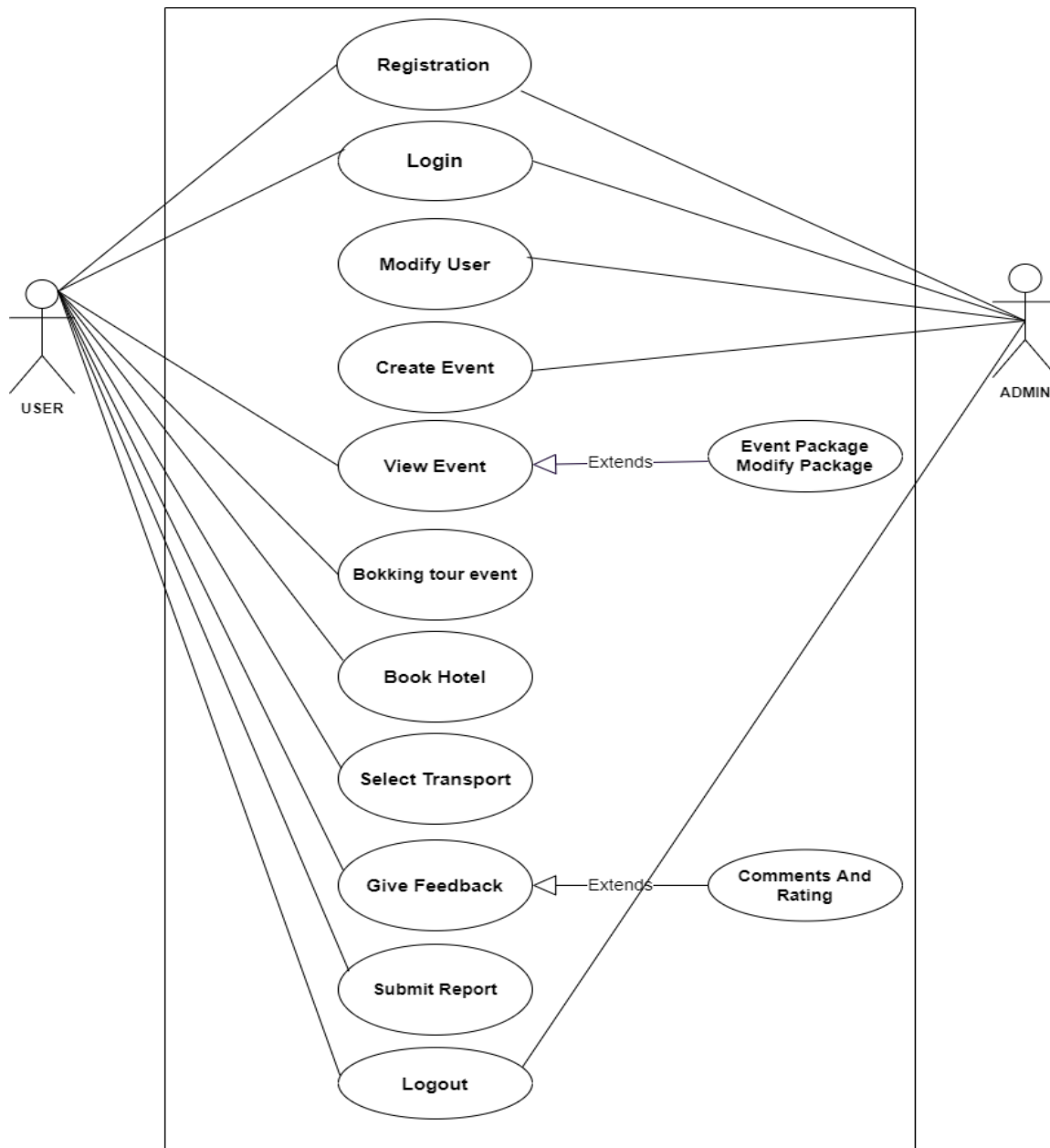


Figure 3.2: Use case diagram for Tour & Travels BD

Use Case description

3.2.1 Registration

Description	If anyone is a new user they have to enter their details and they will get user Id and password through which they can login to the system.
-------------	---

3.2.2 Login

Description	If admin and user has already an account then he/she can log into the system.
-------------	---

3.2.3 Modify User

Description	Admin can modify user from this.
-------------	----------------------------------

3.2.4 Create Event

Description	An admin can create event in this.
-------------	------------------------------------

3.2.5 View Event

Description	User can view all types of event for tour on this.
-------------	--

3.2.6 Booking Tour Event

Description	User's are able to book their event on it.
-------------	--

3.2.7 Book Hotel

Description	User can choose their hotel by this.
-------------	--------------------------------------

3.2.8 Select Transport

Description	User will select their transport from their perspective.
-------------	--

3.2.9 Feedback

Description	User can provide for service of authority.
-------------	--

3.2.10 Report

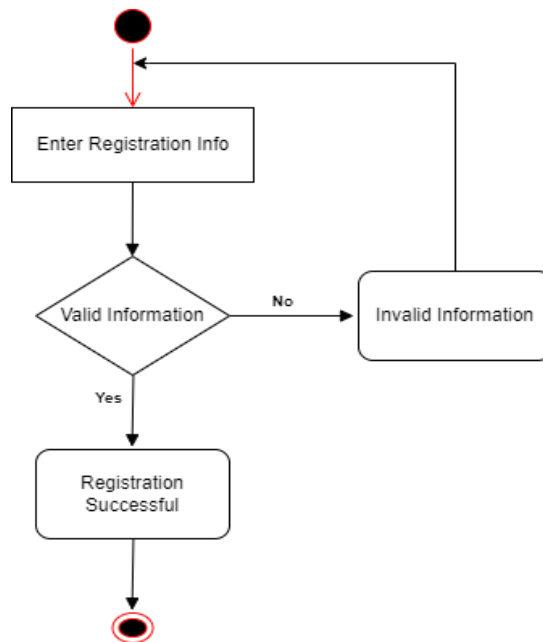
Description	If user face some issue with this website they can report with this.
-------------	--

3.2.11 Logout

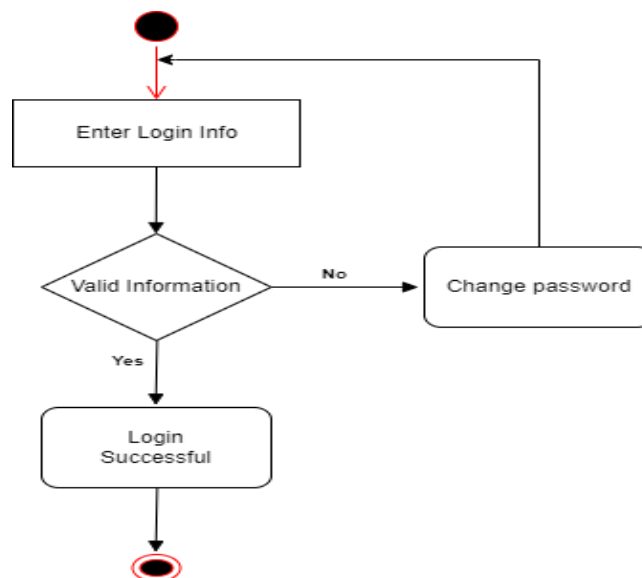
Description	Admin and USER both can logout from the system.
-------------	---

3.3 Activity Diagram

Registration

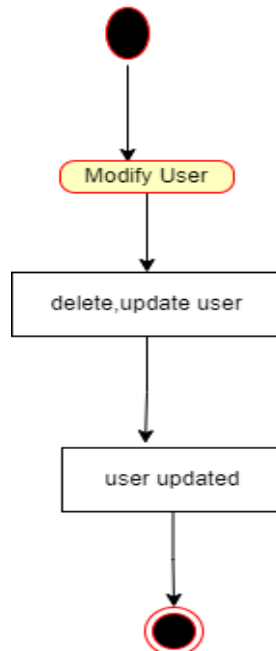


Login

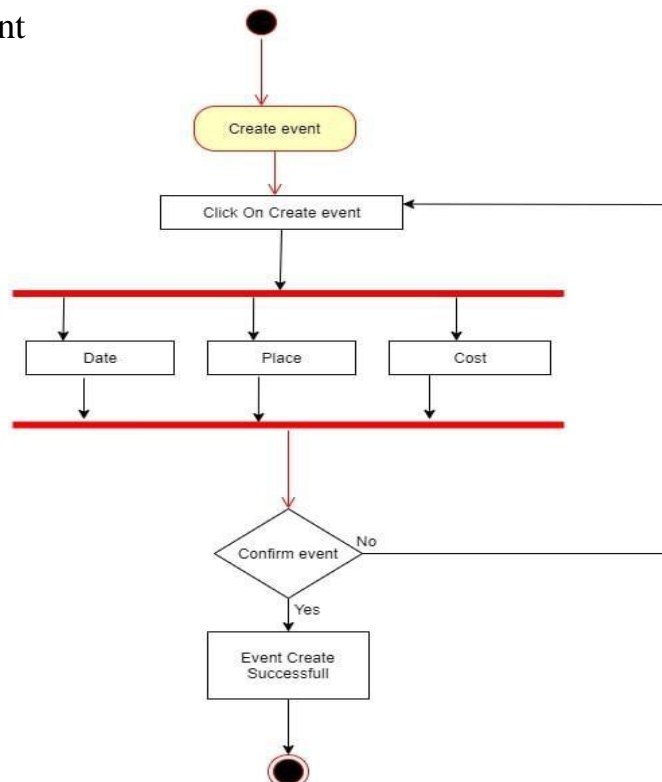


Modify User

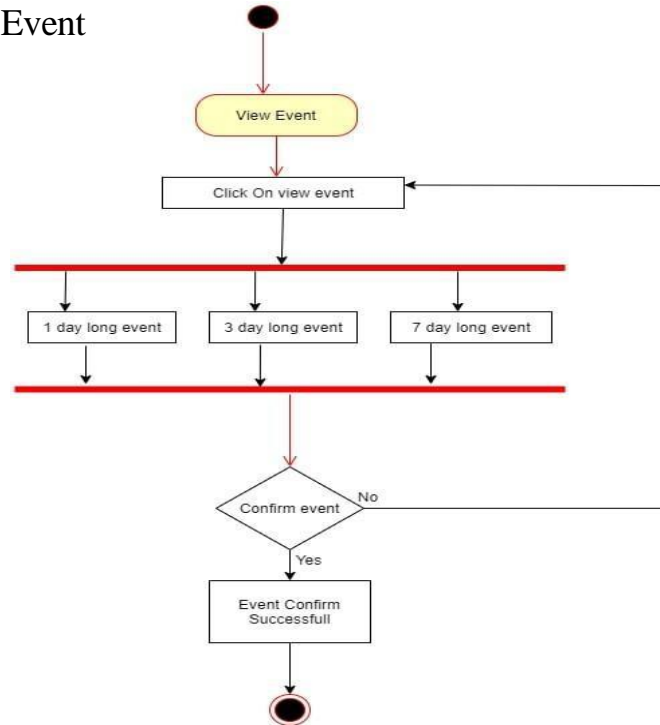
Admin



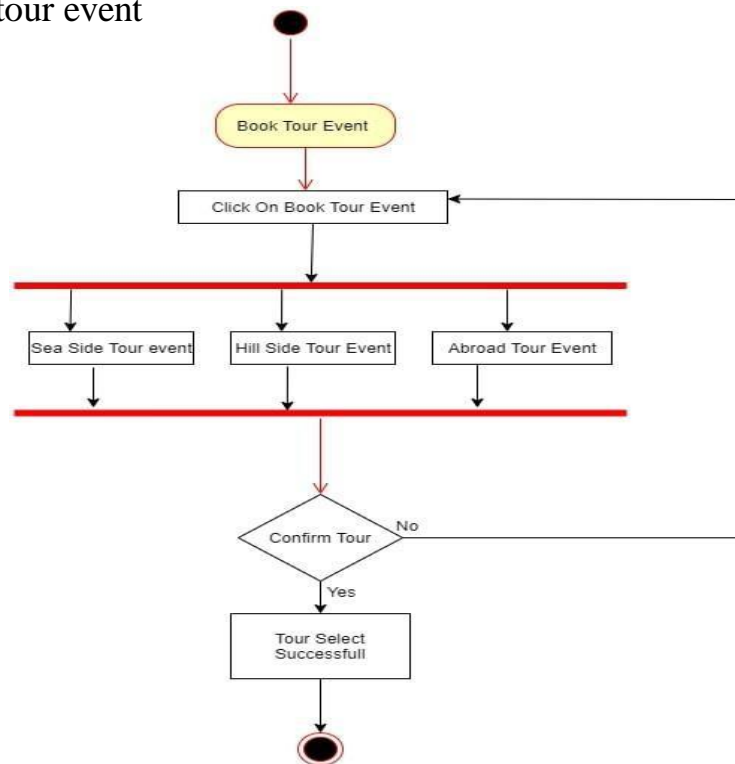
Create Event



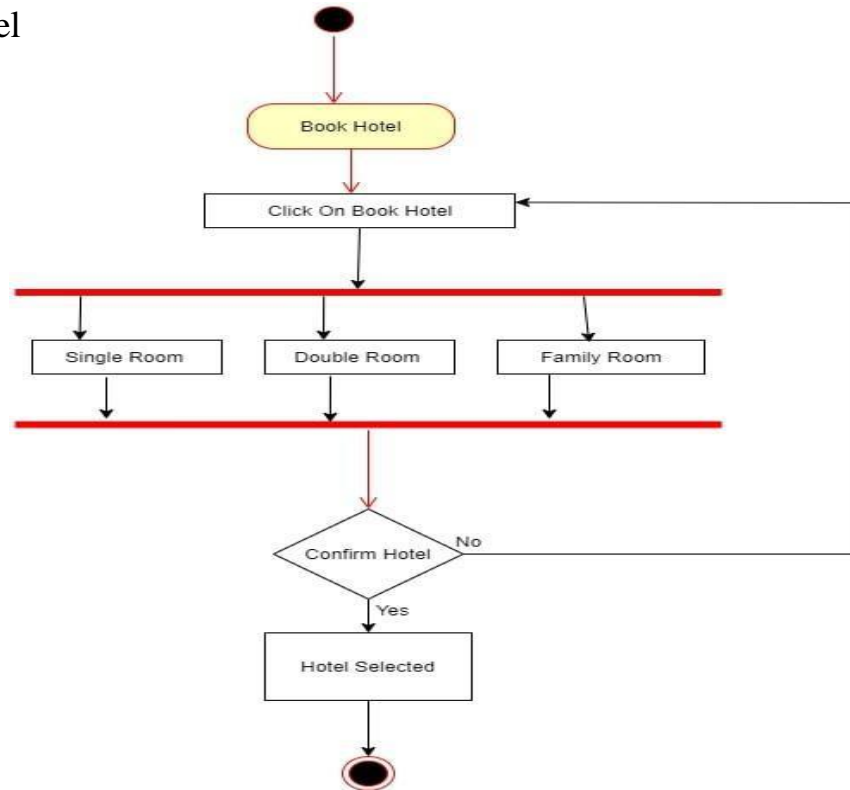
View Event



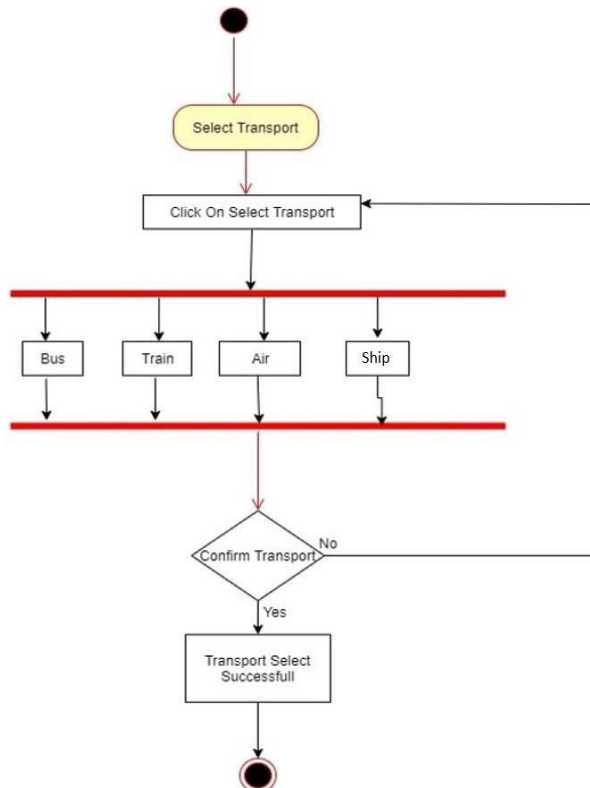
Book tour event



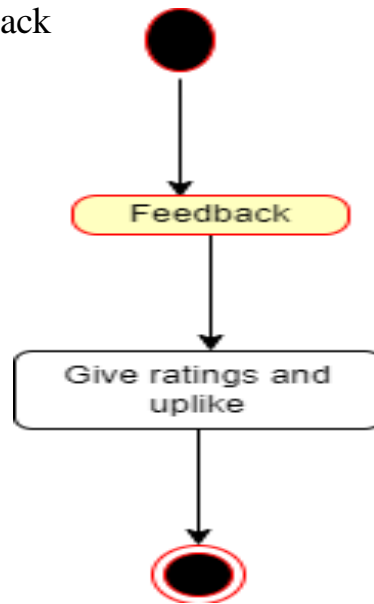
Book Hotel



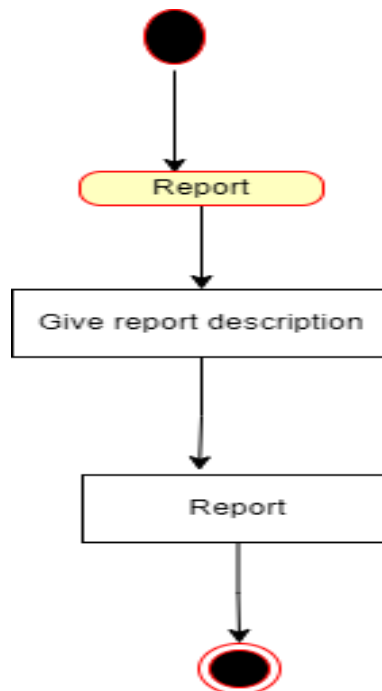
Select Transport



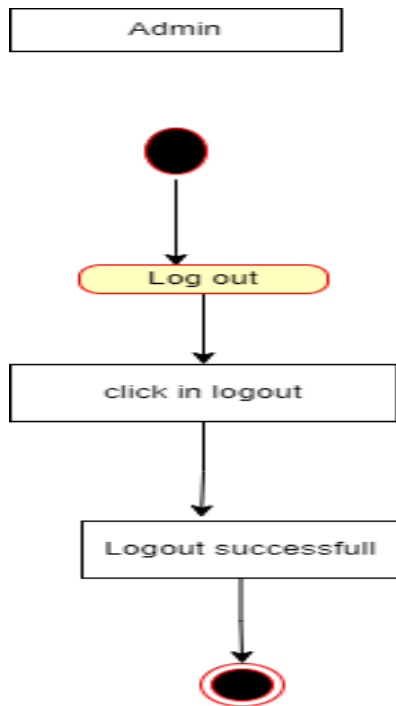
Feedback



Report

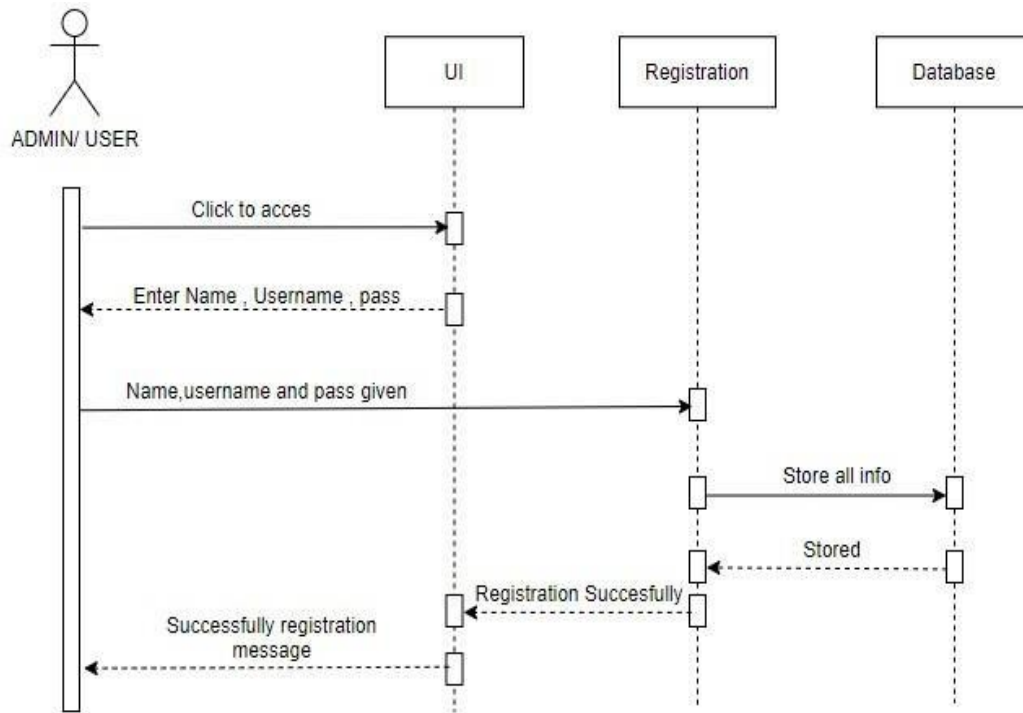


Logout

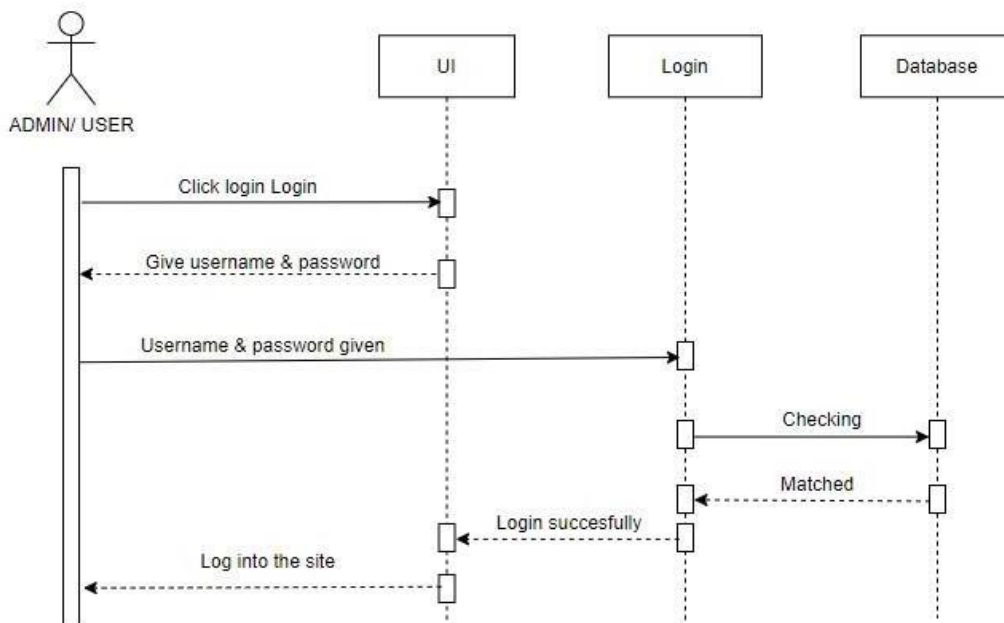


3.4 Sequence Diagram

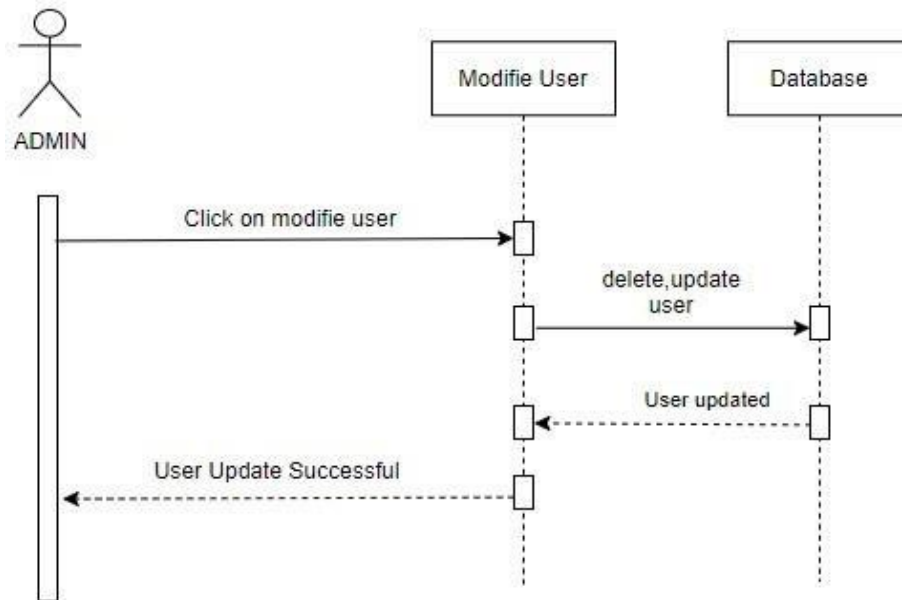
Registration



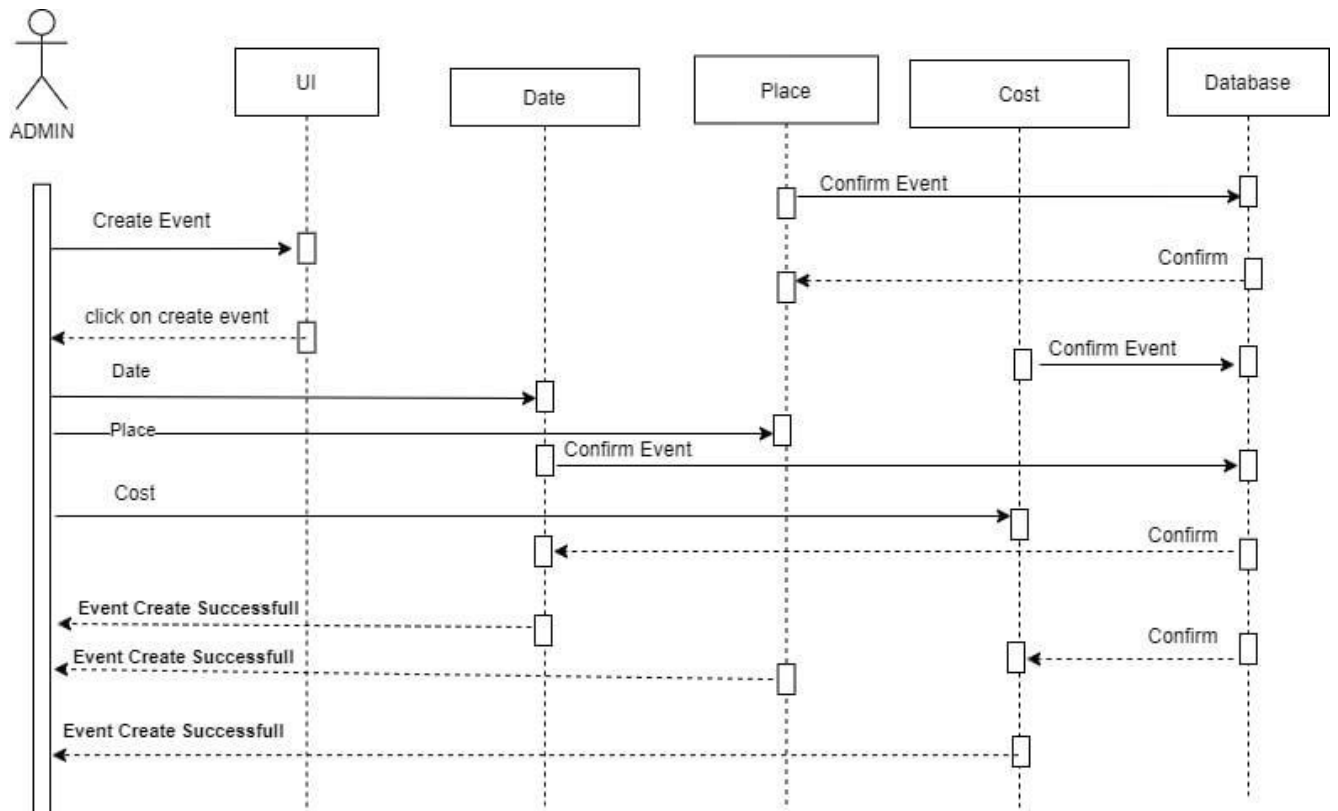
Log-In



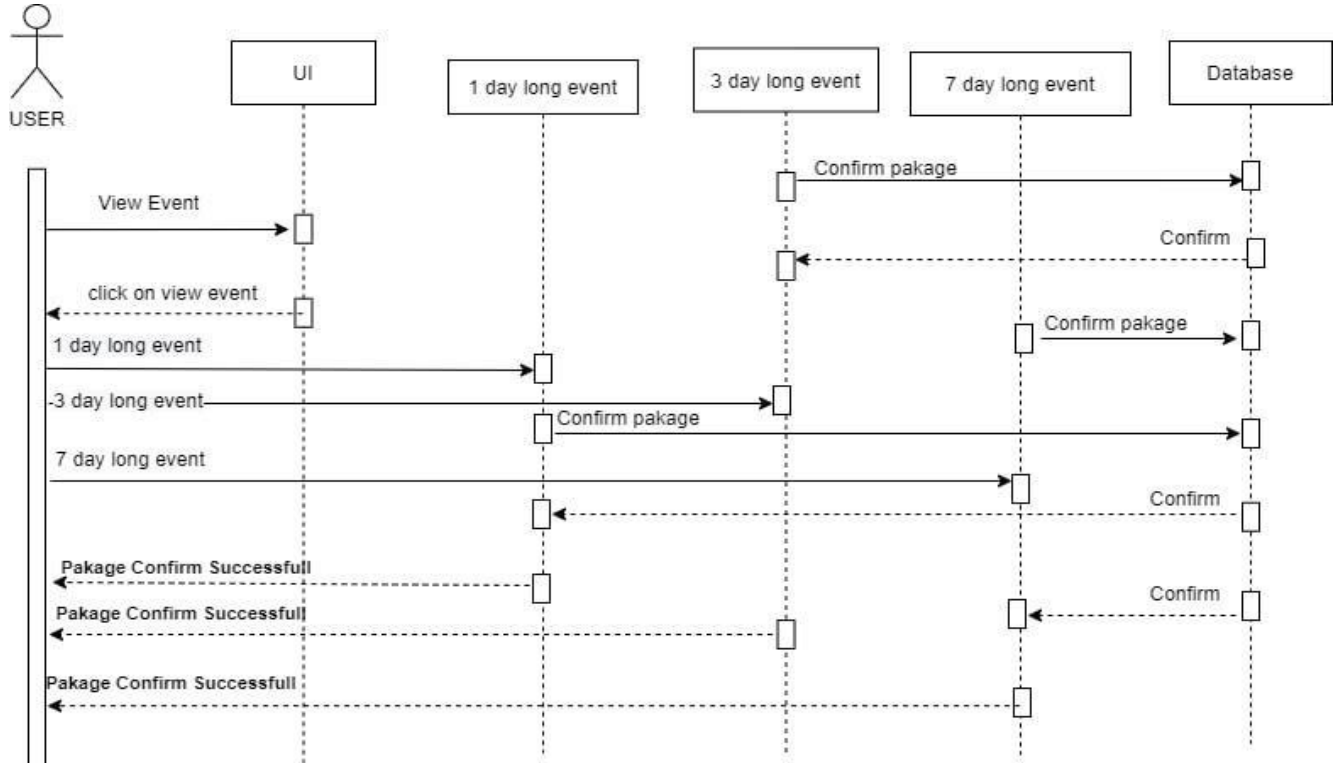
Modify User



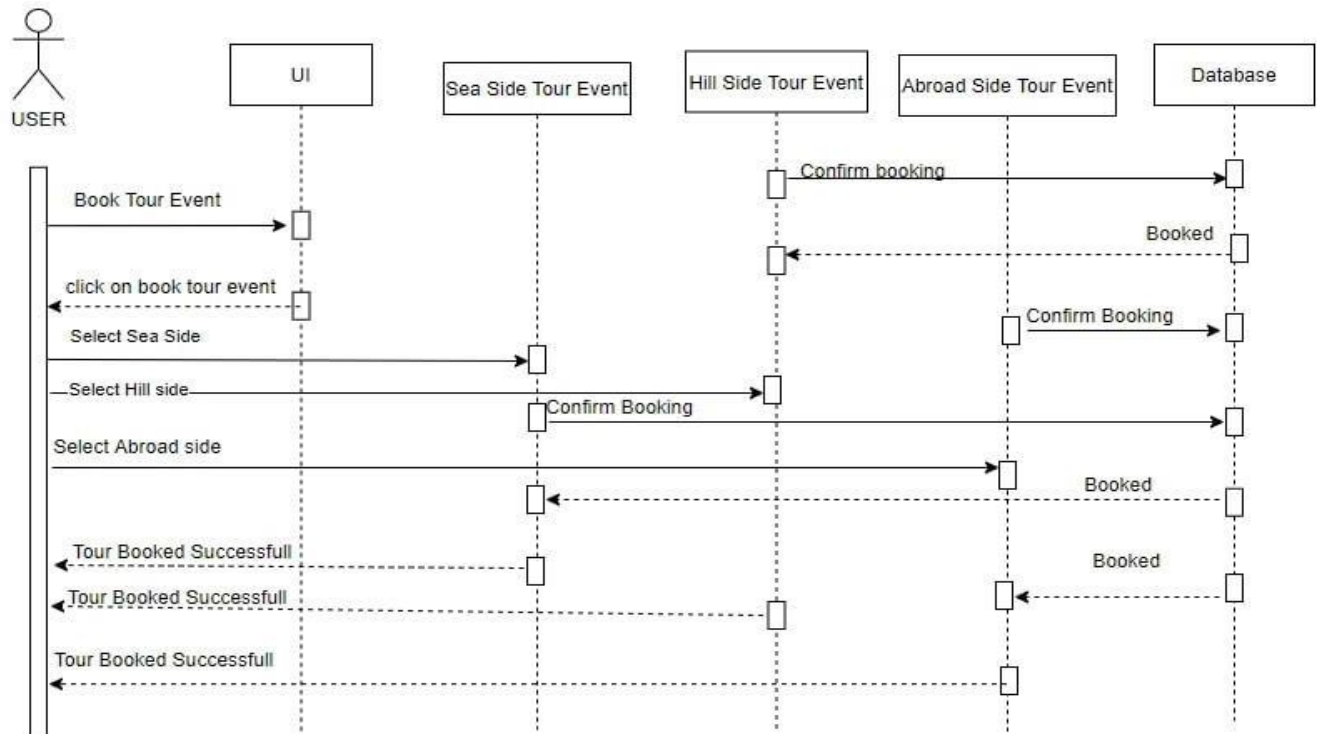
Create Event



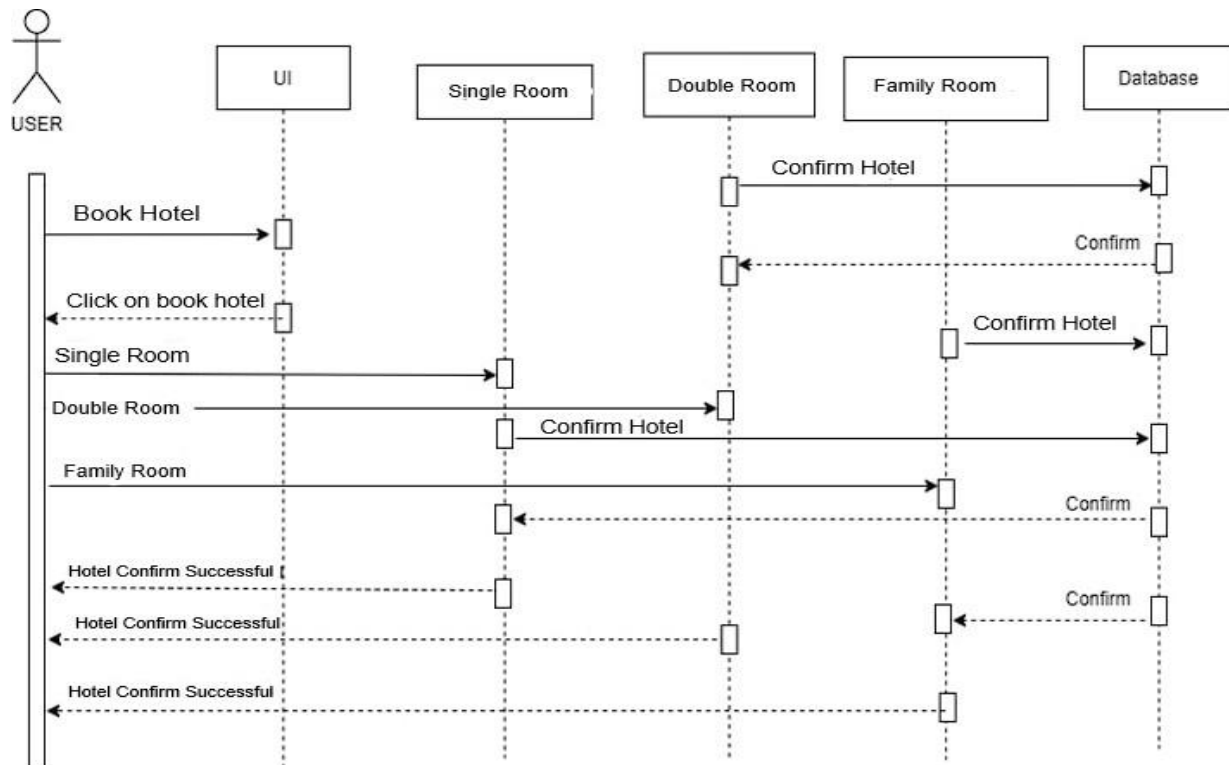
View Event



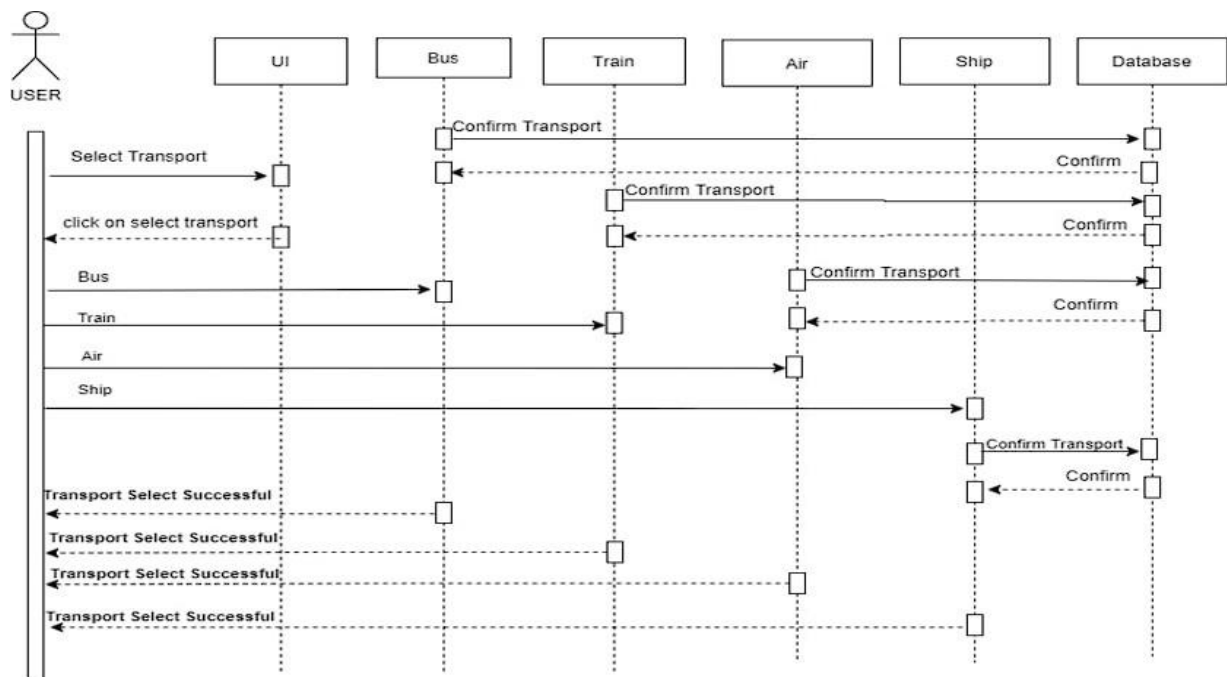
Book Tour Event



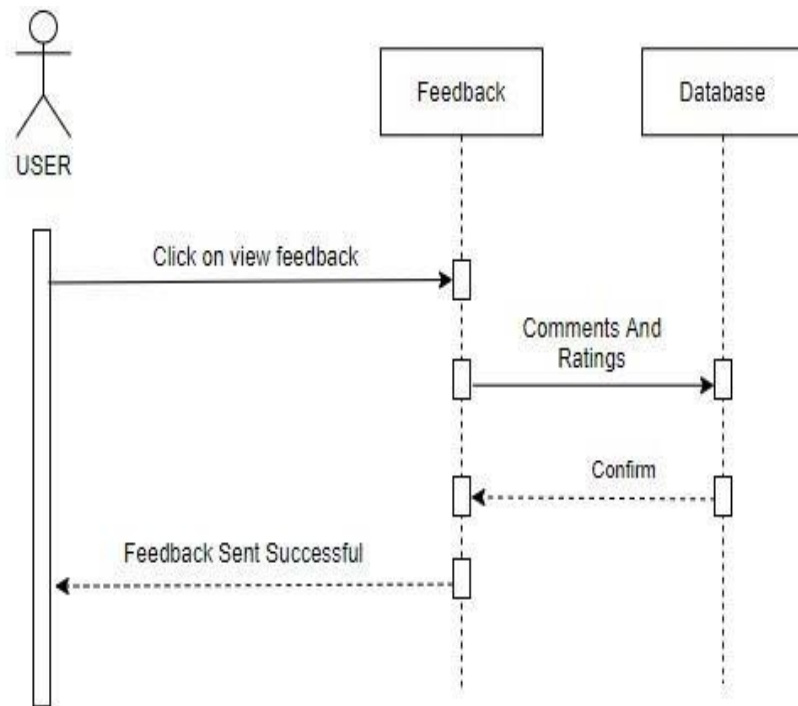
Book Hotel



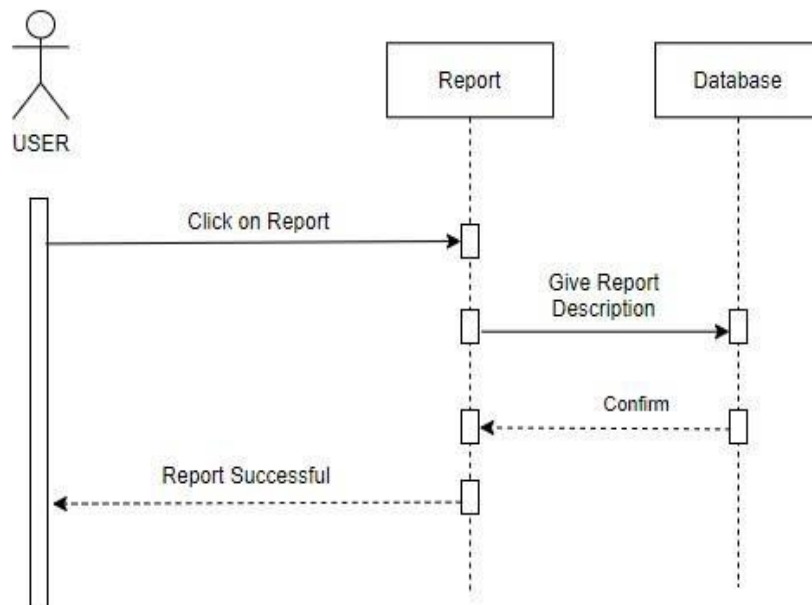
Select Transport



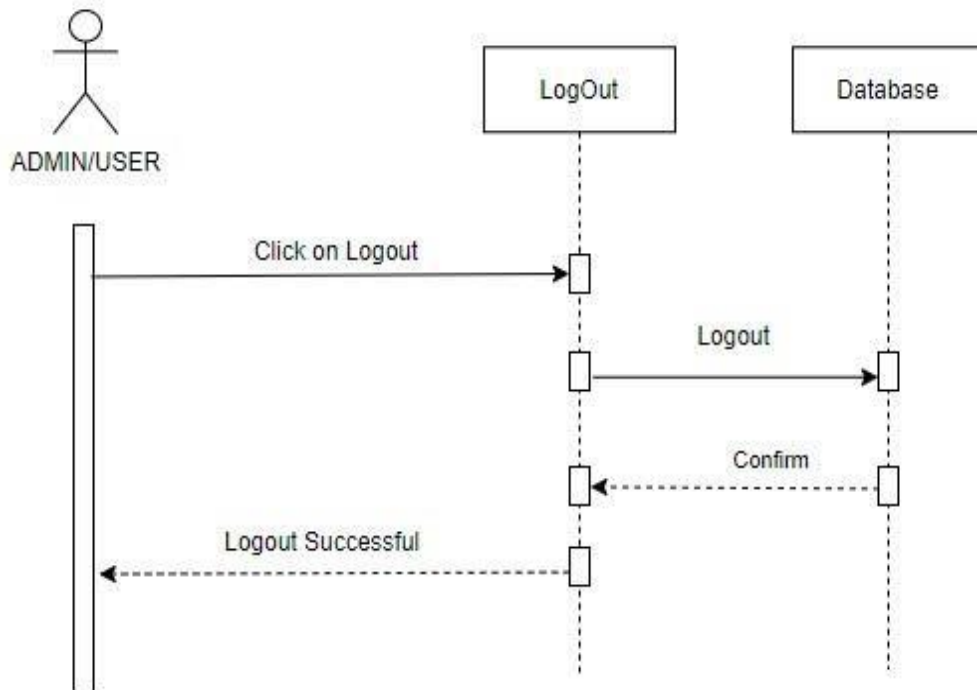
Feedback



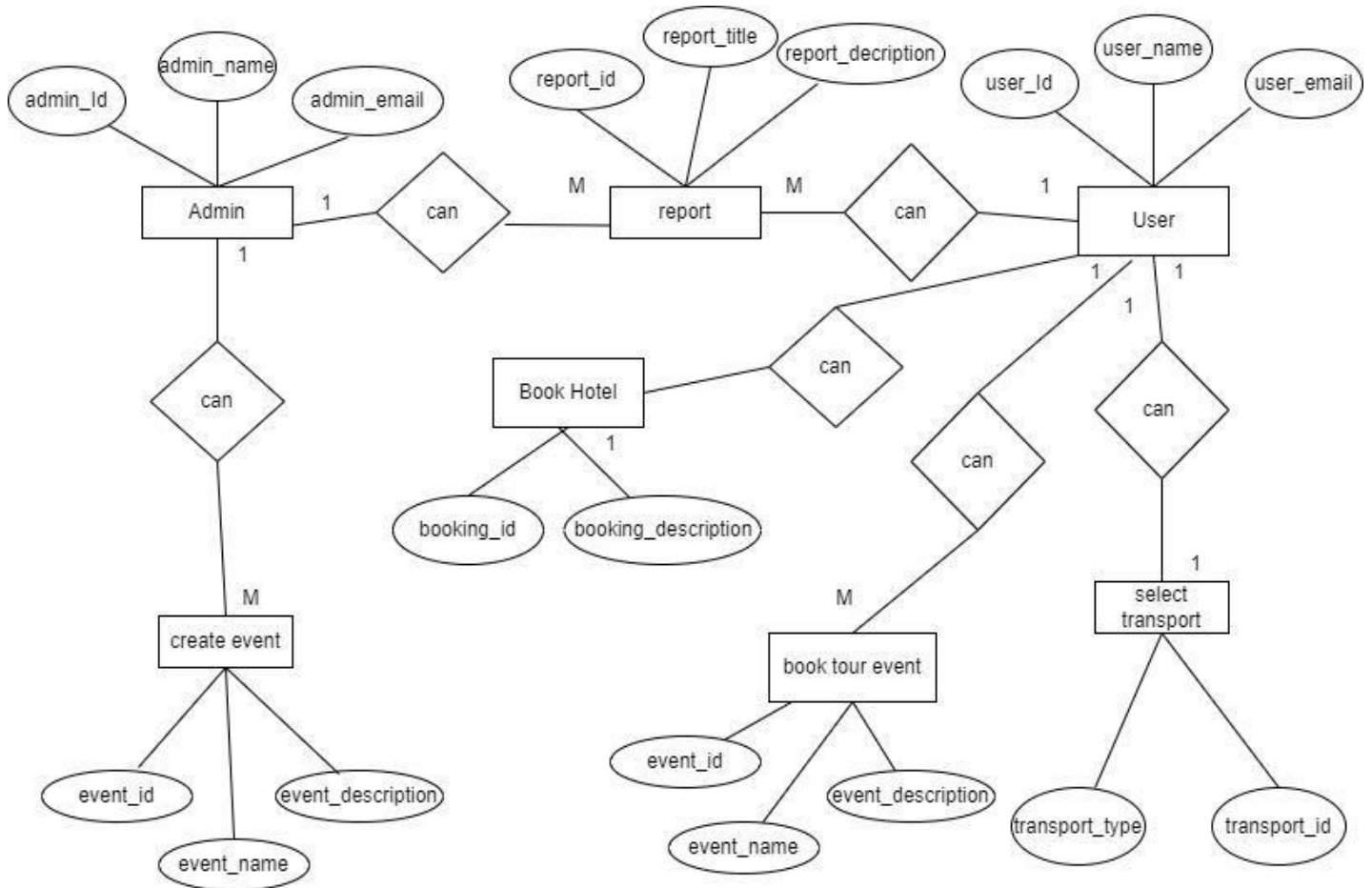
Report



Logout



3.5 Entity Relationship Diagram (ERD)



CHAPTER 4: SYSTEM TESTING

4.1 Feature Testing

Testing new features is thought of as adding to and changing the existing feature system. The most recent system will provide new system features here. the primary. These are intended to increase the web application's effectiveness, reliability, efficiency, and security.

4.1.1 Features to be tested

Features	Priority	Description
Log in	1	The administrator must verify the user's identity.
Log out	3	After logging out, the session has to be ended.
Registration	2	User data must be appropriately stored.
View Event	1	The user may browse all events for the tour on this.
Book Tour Event	1	It must allow users to schedule events there.
Feedback	3	User may offer to serve as an authority.
Report	2	Users can use this to report problems they are having with the website.

Figure 4.1: Features priority table

4.2 Test Strategies

4.2.1 Test approach

To make sure that my system is of high quality, I employed two distinct kinds of testing. I mainly concentrated on structural and functional testing.

Black box testing, also known as functional testing, focuses only on the outputs produced in response to chosen inputs and execution circumstances and ignores the internal workings of a system or component.




Testing that takes into consideration the inner workings of a system or component is known as "white-box testing," which is also referred to as "structural testing" and "glass box testing."

4.2.2 Testing Schedule


Test Phase	Time
Testing plan create	1 Week
Unit testing	During development time
Component test	During development time
Testing user interfaces	1 Week
Performance testing	1 Week
Accessibility testing	1 Week

CHAPTER 5: USER MANUAL

5.1 Registration

  09:00AM — 05:00PM |  +1 323-913-4688 [Get a Tour](#)

[Home](#) [About](#) [Tour Packages](#) [Contact Us](#) [Login](#) [Register](#)



Name

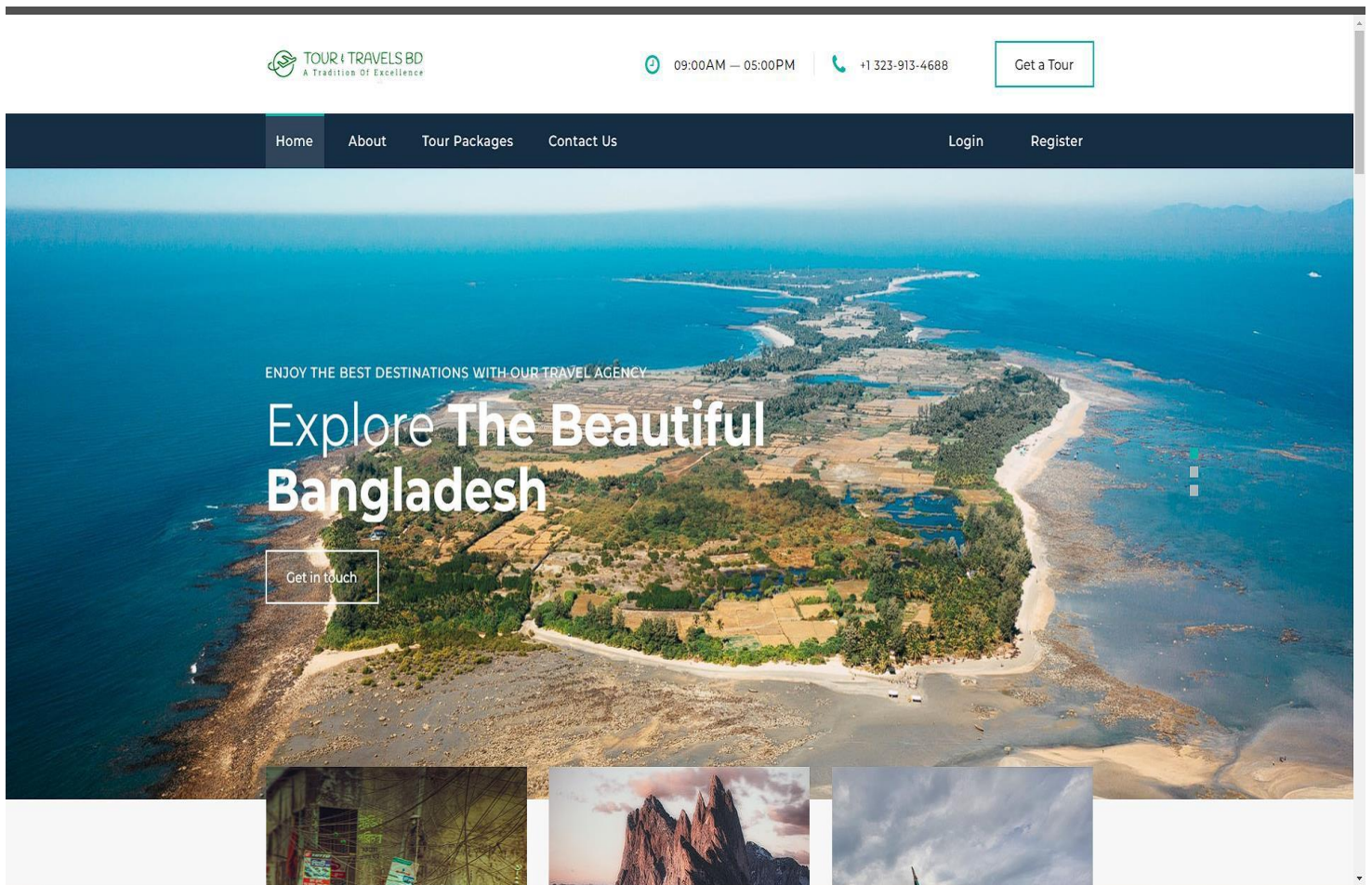
Email

Password

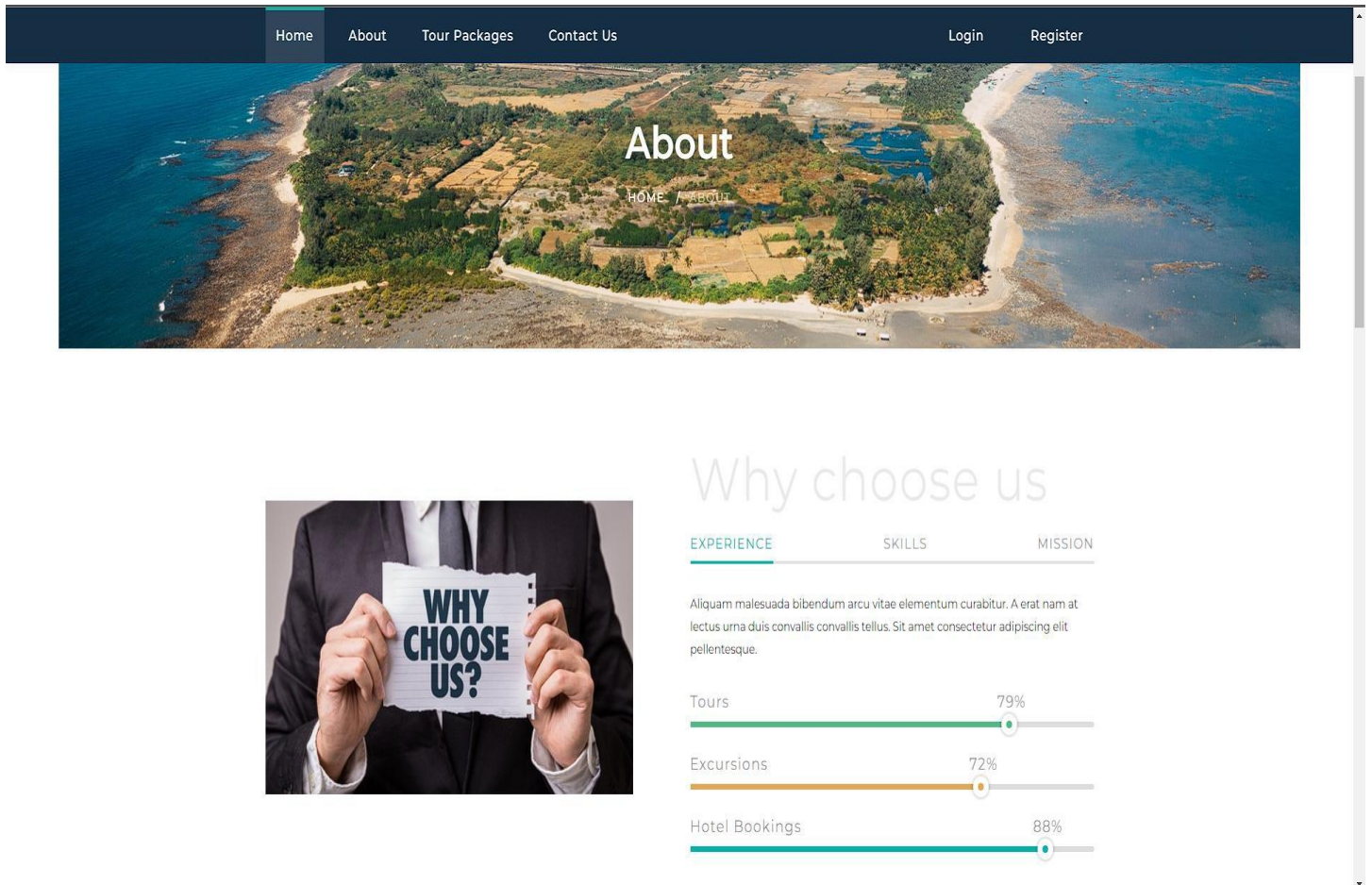
Confirm Password

[Already registered?](#)

5.2 Home Page




5.3 About Us



5.4 Tour Packages

[Home](#) [About](#) [Tour Packages](#) [Contact Us](#) [Login](#) [Register](#)

All Tour Packages




Saint-martin, Takenaf BDT-6500

★★★★★ 1 customer reviews

Saint Martin's Island is a small island in the northeast of the bay of bengal, about 9 km south of the Cox's Bazar "Seven" peninsula tip and forming the southernmost part of Bangladesh. It is about 6 km west of the northwest coast of Myanmar at the mouth of the river nra. The island lies between 92°16' and 92°21'E longitudes and 20°34' and 20°39' N latitudes. The local people call it Narmal Dzigra.

[Buy This Tour](#)




Debotakhum, Bandarban BDT-3500

★★★★★ 1 customer reviews

Debotakhum is located in Rangachhet Upazila of the Bandarban district, the Bandarban is known as the Kingdom of Khumbar and the crown of excellence in this kingdom must go the Debotakhum according to the locals, the khum is 30-50 feet deep and 500 feet in length which is larger than the belakhum, if you want to go to the debotakhum, you must take permission from the kachapali army camp. Then you have to go ahilbandha para by tracking.

[Buy This Tour](#)



Hanging Bridge of Rangamati BDT-4000


★★★★★ 1 customer reviews


Hanging Bridge, Hanging Bridge(Chulanta Bridge in Bangla)is the landmark icon of Rangamati. It's a popular tourist spot and a must go destination. If you don't visit Rangamati you will not discover a big portion of natural beauty of Bangladesh. From Chittagong a 77 km. road amidst green fields and winding hills will take you to Rangamati. It is also connected by waterway from Kaptai.


[Buy This Tour](#)

Thursday, November 24, 2022

5.5 Login

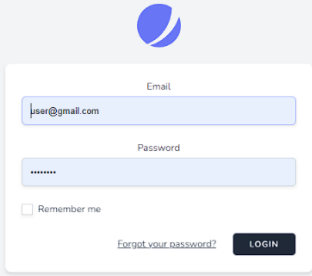


 09:00AM — 05:00PM


 +1 323-913-4688

[Get a Tour](#)

[Home](#) [About](#) [Tour Packages](#) [Contact Us](#) [Login](#) [Register](#)



5.6 Book Tour



09:00AM — 05:00PM

+1 323-913-4688

Get a Tour

[Home](#) [About](#) [Tour Packages](#) [Contact Us](#) [logout](#)

Book This Tour : Saint-martin, Takenaf--BDT-6500

To Customize Your Package Click Here

St Martin's Island a small island in the northeast of the bay of bengal, about 9 km south of the Cox's Bazar-Teknaf peninsular tip and forming the southernmost part of Bangladesh. It is about 8 km west of the northwest coast of Myanmar at the mouth of the river naf. The island lies between 92°18' and 92°21'E longitudes and 20°34' and 20°39'N latitudes. The local people call it Narikel Jinjira.

User Name :
Subir Kundu


Email :
user@gmail.com

Phone :
01726365060

Address :
Mirpur -1, E-block, Road -2, House-12

Book Now

5.7 Customize Tour Packages



09:00AM — 05:00PM

+1 323-913-4688

Get a Tour

[Home](#) [About](#) [Tour Packages](#) [Contact Us](#) [logout](#)

Book This Tour : Debotakhum, Bandarban



Debotakhum is located in Roangchhari Upazila of the Bandarban district, the Bandarban is known as the kingdom of Khum and the crown of excellence in this kingdom must go the Debotakhum. according to the locals, the Khum is 30-50 feet deep and 500 feet in length which is larger than the belakhum. If you want to go to the debotakhum, you must take permission first from the kachaptali army camp. Then you have to go shilbandha para by trekking.

Select Hotel :
3-Star

Select Transport :
Economy

Select Meal :
Super

Proceed


CONTACT US
 +1 323-913-4688
 info@tourandtravelbd.org

POPULAR NEWS
Your Personal Guide to 5 Best Places to Visit on Earth
May 04, 2019

QUICK LINKS

- About us
- Our Tours
- Our Team
- Gallery
- Blog

5.8 New Customize Price



TOUR i TRAVELS BD
A Tradition Of Excellence

09:00AM — 05:00PM

+1 323-913-4688

Get a Tour

Home

About

Tour Packages

Contact Us

logout

Book This Tour : Debotakhum, Bandarban--Total New Price:3500

Hotel : 3-Star

Transport : Economy

Meal : Super

User Name :

Subir Kundu

Email :

user@gmail.com

Phone :

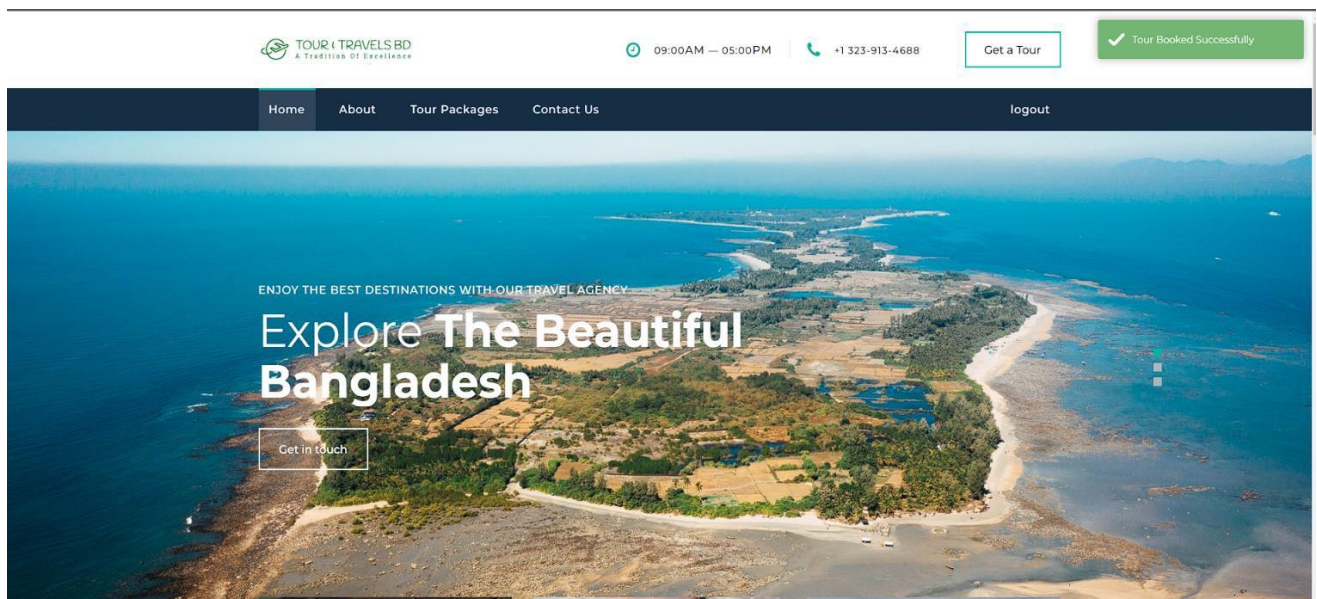
01726365060

Address :


Mirpur -1, E-block, Road -2, House-12


Book Now


5.9 Tour Book Successfully



5.10 Contact Us



 09:00AM — 05:00PM

 +1 323-913-4688

[Get a Tour](#)

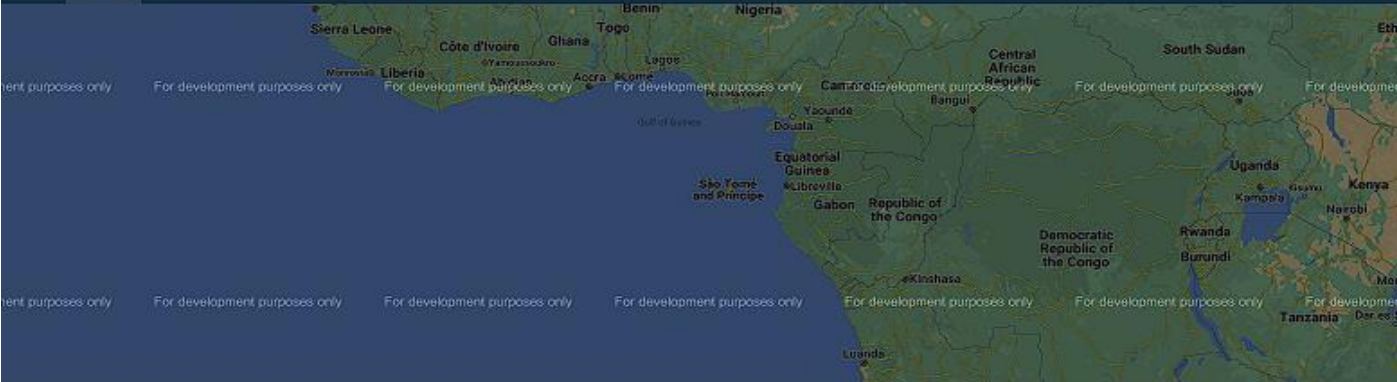
Home


About

Tour Packages


Contact Us

logout






+1 323-913-4688
+1 323-888-4554



1/2 Dhanmondi, Dhaka-1209



mail@tourtravelbd.org
info@tourtravelbd.org

Get in touch

If you have any questions, just fill in the contact form, and we will answer you shortly.

Your Name

E-mail

Phone

Message

Send Message

CHAPTER 6: CONCLUSION

6.1 Project Summary

An quick internet tour service management system is "Tour & Travels Bd." This system will provide anyone, in any location, at any time, all types of travel and tour-related services. The service provider will offer an immediate service. People may find their ideal travels and vacations with the aid of the tour packages. In this "Tour & Travels BD," anybody who needs to design tour packages for their own use may do so without much difficulty.

Within a constrained timeframe, I finished this project from planning to development, and the system is now available for usage. As the project advances, this system should be updated on a regular basis.

6.2 Tool and platform

Hardware specification:

Processor	AMD Ryzen 5 3600 6-Core Processor 3.60 GHz
RAM	16.0 GB
Disk space	45.5GB of available hard disk

Software specification:

Operating system	Windows 10
Front End	HTML, CSS, JS
Frameworks	Bootstrap, Google font, Laravel
Back End	PHP (laravel)
Text Editor	Visual studio code, PhpStorm
Database	MySQL
Web browser	Google chrome
Web server	Apache
Drawing tools	Draw.io

6.3 Limitations

1. SMS package confirmation facility is not available.
2. Portal is not SEO friendly.
3. Registration Email verification not available.
4. Risk unauthorized accessibility.

6.4 Future Scope

There are many ways to make things easy and accessible. Since part of the code may be increased, its functionality can be enhanced. The system that will likely be used in the near future does not currently have an online payment option built into it. It now lacks the ability to backup the database. As the following development, we may enable the backup facility to be bundled so that operations can be carried out based on historical data. It is feasible to improve the system and make it fit to the intended environment as technology advances. Emerging technologies can be used to increase security based on the future security issued.

Plagiarism Report



Project Report Library

to me, FATAMA ▾

Dear Student,

Your Plagiarism Result is 26% for details Please see the attachment file.

Please read the instruction:

- **Report to be arranged according to the Page Numbering:**
 - a. Preliminary pages must be in lower case roman numerals e.g. i, ii, iii.
 - b. All pages of the main body or from chapter one will be numbered in Arabic numerals e.g. 1, 2, 3.
 - c. All pages have to be arranged according to the table of contents
- **2. Format: The report should be in ONE FILE and PDF document.**
- **3. Copyright Note: Write ©Daffodil International University at footer**
- For Library Clearance please fill up your information in Internship Portal. Five fields must be completed as like- ID, Name, Department, Project/Internship Title & Supervisor Name.
http://internship.daffodilvarsity.edu.bd/index.php?app=applicant_login
- **Please attach the supervisor & your signature in the Approval and Declaration page.**
- When you send us a new document, just send a reply to all. Don't create/send new mail.
- **If needed please contact the following Officer**
- Badhan Hubert Corraya-01981323203, Md. Mostafizur Rahman-01847334818, Ms. Umme Ahasan-01847334816, Md. Dulal Uddin: 01847334802, Ms. Syeda Aklima-01713493041

Daffodil International University Library

Daffodil Smart City, Ashulia, Savar,
Dhaka - 1341, Bangladesh

Turnitin Originality Report

Processed on: 14-Dec-2022 13:19 +06

ID: 1980941439

Word Count: 2904

Submitted: 1

191-35-2710 By Subir Kundo

Similarity Index		Similarity by Source	
26%		Internet Sources:	22%
		Publications:	1%
		Student Papers:	18%

