



**Daffodil**  
*International*  
**University**

## **Visit Cox's Bazaar**

By

**Rajia Sultana Bithee (151-35-956)**

A Project submitted in partial fulfillment of the requirement for the degree  
of Bachelor of Science in Software Engineering

**Department of Software Engineering**  
**DAFFODIL INTERNATIONAL UNIVERSITY**

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## APPROVAL

This project titled “Visit Cox’s Bazaar”, submitted by **Rajia Sultana Bithee, ID: 151-35-956** 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 B.Sc. in Software Engineering and approved as to its style and contents.

### BOARD OF EXAMINERS

-----  
**Dr. Touhid Bhuiyan**  
**Professor and Head**  
Department of Software Engineering  
Faculty of Science and Information Technology  
Daffodil International University

**Chairman**

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**Dr. Md. Asraf Ali**  
**Associate Professor**  
Department of Software Engineering  
Faculty of Science and Information Technology  
Daffodil International University

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**Mohammad Khaled Sohel**  
**Assistant Professor**  
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**Prof Dr. Mohammad Abul Kashem**  
**Professor**  
Department of Computer Science and Engineering  
Faculty of Electrical and Electronic Engineering  
Dhaka University of Engineering & Technology, Gazipur

**External Examiner**

## DECLARATION

This is to certify that this project entitled “**Visit Cox’s Bazaar**” is done by the following student under my direct supervision and this work has been carried out by her in the laboratories of the department of Software Engineering under the faculty of FSIT of Daffodil International University in partial fulfillment of the requirements for the degree of Bachelor of Software Engineering.

**Signature of the candidate**



**Name: Rajia Sultana Bithee**

**ID:151-35-956**

**Department of Software Engineering**

**Certified By:**



**Dr. Md. Asraf Ali**

**Associate professor, SWE, FSIT  
Daffodil International University**

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## **EXECUTIVE SUMMARY**

The Project idea was to build a simple website which can solve problems of many travelers who want to travel Cox's Bazaar. As we know, Cox's Bazaar is the longest sea-beach in Bangladesh. Every year many people want to visit Cox's Bazaar but sometimes they faces some problems to find suitable hotel and do not have enough knowledge about beautiful places of Cox's Bazaar. In this project we try to solve some hassles of visitors. Through this website users can select the beautiful places and they can find suitable hotels and can see the cost for staying in hotels. Users also can share their experience by writing blogs in this website.

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# **Chapter 1: INTRODUCTION**

## **1.1 Project Overview**

Visit Cox's Bazaar is a useful website which is used for travelers who want to visit Cox's Bazaar or already visited Cox's Bazaar. User will use this system for avoid problems of finding hotels and get idea about the places of Cox's Bazaar and they can share their experience in a blog.

## **1.2 Project Purpose**

This project is aimed to developing a system **Visit Cox's Bazaar**. User will sign up first then they can see the places of Cox's Bazaar. If they want to visit Cox's Bazaar, they can see some hotels list and the cost. After choosing hotels they can send a request to the admin of the system and then the admin will send a request to the hotel manager.

### **1.2.1 The User Background of the Project Effort**

Visit Cox's Bazaar is such a web application that gives user the facility to book hotel rooms in Cox's Bazar. User can see the hotels images, price ranges and other facilities before booking any hotel room through this application.

### **1.2.2 Benefits & Beneficiaries**

This proposed system intends to book any hotel rooms in Cox's Bazar. User just registers once and then he/she can login for see hotels, price ranges, facilities and then book hotel room.

Almost every people who want to visit Cox's Bazar will be benefited through this system. Some benefits and beneficiaries are given below:

**Benefits:**

- User can see hotels information of Cox's Bazar that helps them to book hotel room anytime.
- User gets proper overview about the hotels before booking.
- User gets relief from the problem of finding and booking hotels at the time they visit to Cox's Bazar.

**Beneficiaries:**

People who want to book any hotels room during the time of visiting Cox's Bazar.

**1.2.3 Goals of the project**

Visit Cox's Bazar web application is aimed at booking hotels room in Cox's Bazar. User need not to find hotels and booking physically. User just select any hotel and create booking request through this application.

**1.3 Stakeholders****User**

Which people are interested to visit Cox's bazaar & want to book any hotel room in Cox's bazaar.

**Admin**

The person who maintains the whole system or application is the admin.

**Manager**

Manager confirmed hotel booking or canceling.

## 1.4 Proposed System Model

A process model is an abstract representation of a software process and each model represents a process of a particular perspective which provides only partial information about that process.

Our propose system is designed using Agile model. Agile model work with iterations. Each iteration lasts for 2 to 3 weeks. It's a incremental process of software development.

Agile model can change and response with the change of requirements, technology and people.

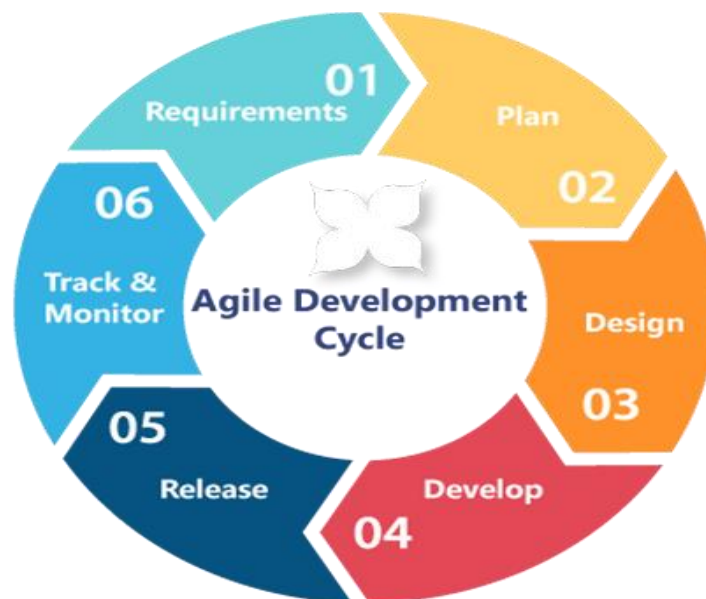


Figure 1.1: Agile model

## 1.5 Project Schedule

Visit Cox's Bazaar is not an ordinary system that I build it in a few days. First I have to research it then I was decided to implement this system.

### 1.5.1 Gantt Chart

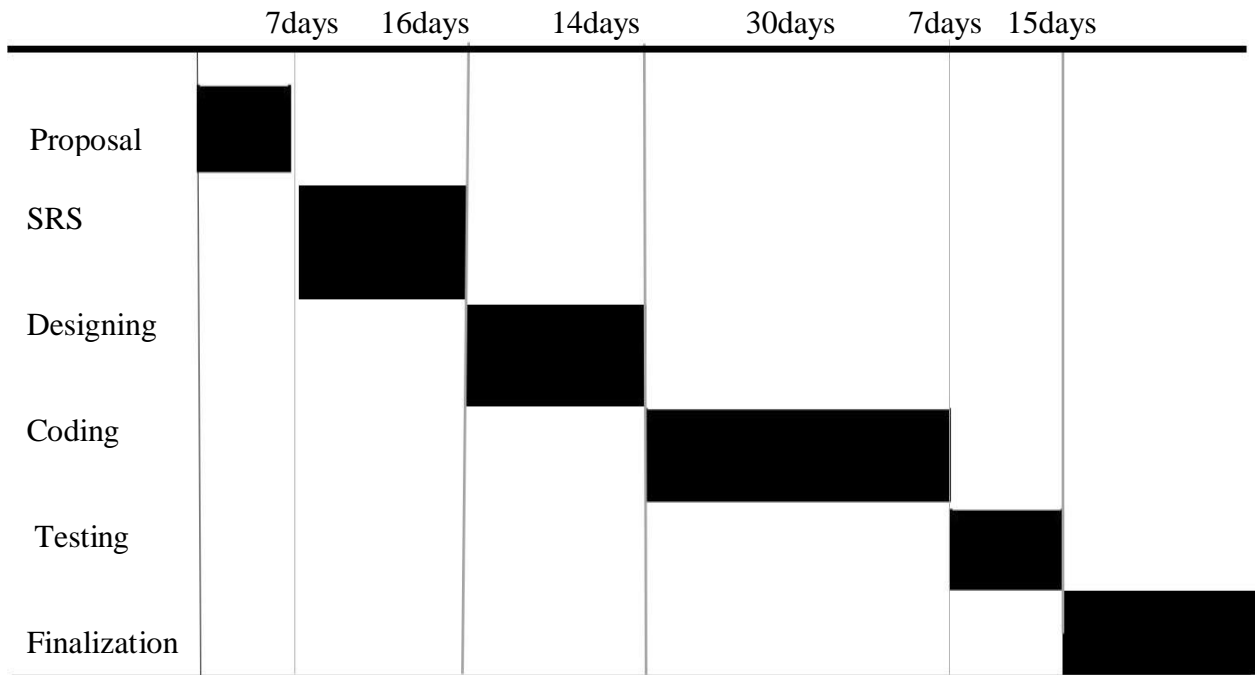


Table 1.1: Gantt chart

# CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION

## 2.1 Functional Requirements

Functional Requirements are given in table 2.1

Table 2.1: Functional Requirements

<b>ID</b>	<b>Requirement</b>	<b>Description</b>	<b>Priority</b>
01	View hotels and tours	User can view hotels images and best tours posts of Cox's Bazar	H
02	Create booking requests	User can create booking requests for hotels	H
03	Accept and cancel booking requests	User can accept and cancel booking requests	H
04	Download and print monthly booking info.	User can download and print monthly booking info.	L
05	Feedback	User can post feedback	L

## 2.2 Non-Functional Requirements

Non-Functional Requirements are given in table 2.2

Table 2.2: Non-Functional Requirements

<b>ID</b>	<b>Requirement</b>	<b>Description</b>	<b>Priority</b>
01	Sign Up	People can get services from application by signing up once a time.	H
02	Login	User can login after signing up	H
03	Logout	Login users can logout whenever he/she wants.	H

## 2.3 Data Requirement

Data Requirements are given in table 2.3

Table 2.3: Data Requirements

No.	Description	Priority
1.	User has to enter valid information on the forms otherwise system will show an error message.	M
2.	User must have to sign up before login. Login data must be matched with signup data if this is not match user will get error message.	H
3.	The entire required field on form must be fill up otherwise user will get error message.	H

## 2.4 Performance Requirements

### 2.4.1 Speed and Latency Requirements

Speed and Latency Requirements are given in table 2.4

Table 2.4: Speed Latency Requirements

No.	Description	Priority
1.	The system should load the data from server within 2 seconds	H
2.	The system should update data within 2 seconds	M
3.	Validation error should show within 3 seconds	H

## 2.4.2 Precision or Accuracy Requirements

Precision or Accuracy Requirements are given in table 2.5

Table 2.5: Precision or Accuracy Requirements

No.	Description	Priority
1.	The input data should be validated when User or admin provide data to the system	M
2.	After login the system should show the accurate data for the specific user	M
3.	The registration form should provide accurate data to store in database	H

## 2.4.3 Capacity Requirements

Capacity Requirements are given in table 2.6

Table 2.6: Capacity Requirements

No.	Description	Priority
1.	Unlimited users to be registered	L
2.	The server database size must be able to load the system data.	L

## 2.5 Dependability Requirements

### 2.5.1. Reliability Requirements

Reliability Requirements are given in table 2.7

Table 2.7: Reliability Requirements

No.	Description	Priority
1.	The user registration should register a new user and update database with given input	H
2.	Login should perform when the valid e-mail address and password is given	H



### 2.5.2 Availability Requirements

Availability Requirements are given in table 2.8

Table 2.8: Availability Requirements

No.	Description	Priority
1.	The system should available 24 hours a day and 7 days a week	H
2.	The system should perform activities immediately upon user request	H
3.	The system should run in any web browser	L

### 2.5.3 Robustness or Fault-Tolerance Requirements

Robustness or Fault-Tolerance Requirements are given in table 2.9

Table 2.9: Robustness or Fault-Tolerance Requirements

No.	Description	Priority
4.	If the system has been crashed, it should not be more than an hour.	M
7.	Supports all screen size.	M

### 2.5.4 Safety-Critical Requirements

No visible Safety-Critical requirements

## 2.6 Maintainability and Supportability Requirements

### 2.6.1 Maintenance Requirements

Maintenance Requirements are given in table 2.10

Table 2.10: Maintenance Requirements

No.	Description	Priority
-----	-------------	----------

1.	Modify the system when the software environment needed	M
2.	Fix bug when the system is corrupted	M

### 2.6.2 Supportability Requirements

Supportability Requirements are given in table 2.11

Table 2.11: Supportability Requirements

No.	Description	Priority
1.	Support in all type of android phones and computer device.	M
2.	Support in all size of screens.	M

### 2.6.3. Adaptability Requirements

No visible adaptability requirements

### 2.6.4. Scalability/Extensibility Requirements

No visible adaptability requirements

## 2.7 Security requirements

### 2.7.1. Access Requirements

Access Requirements are given in table 2.12

Table 2.12: Access Requirements

No.	Description	Priority
5.	Only Administrator will be able to manage all site contents.	M
6.	Only registered user can login to the system	H

## 2.7.2 Integrity Requirements

Integrity Requirements in given table 2.13

Table 2.13: Integrity Requirements

No.	Description	Priority
1.	The system data should not be altered without any permission	M
2.	The data integrity should be maintained	M

## 2.7.3 Privacy Requirements

Privacy Requirements are given in table 2.14

Table 2.14: Privacy Requirements

No.	Description	Priority
1.	The user data should be invisible for public	M
2.	The user data should not contain any private issues.	M

## 2.7.4 Usability and Human-Interaction Requirements

Usability and Human-Interaction Requirements are given in table 2.15

Table 2.15: Usability and Human-Interaction Requirements

No.	Description	Priority
1.	The system UI should be user friendly and responsive	M

## 2.8 Look and Feel Requirements

### 2.8.1. Appearance Requirements

Appearance Requirements are given in table 2.16

Table 2.16: Appearance Requirements

No.	Description	Priority
1.	The user interface must be attractive	D
2.	The user interface must be user friendly	D

3.	The user interface must be user interactive.	L
----	--	---

## 2.9. Operational and Environmental Requirements

No Operational and Environmental Requirements

## 2.10. Legal Requirements

Legal Requirement is shown in table 2.17

Table 2.17: Legal Requirement

No.	Description	Priority
1.	The user should register their account	D

# CHAPTER 3: SYSTEM ANALYSIS

## 3.1 Use Case Diagram

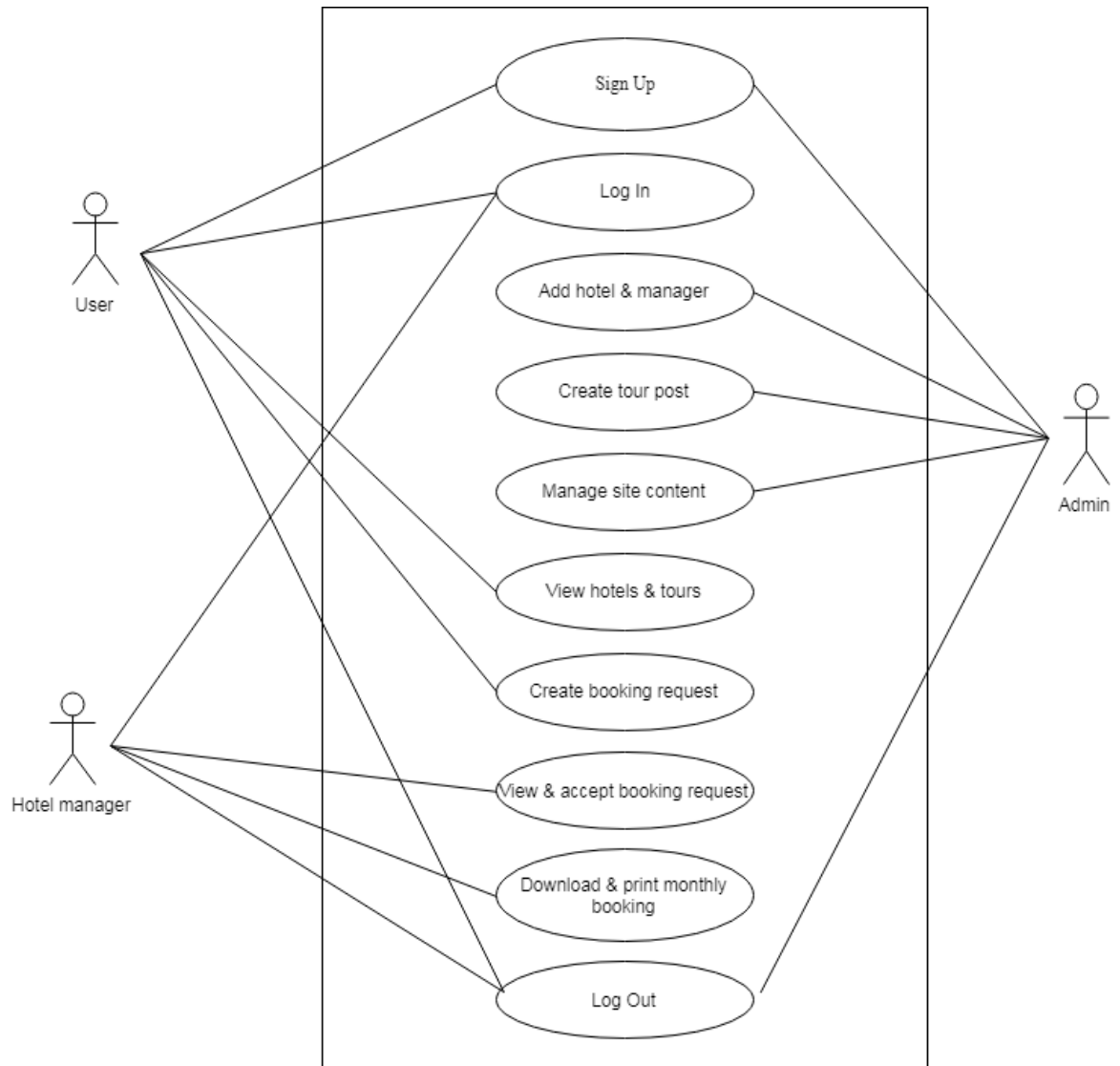


Figure 3.2: Use case diagram

## 3.2 Use case Description

### 3.2.1 Sign up

User has to complete sign up by providing basic information's before login. In sign up form all field must have to fill up and information's must have to be accurate. Sign up details given in table 3.18

Table 3.18: Sign up

Use Case Name:	Sign up module
Scenario:	User has to sign up to login.
Brief Description:	Without signup user cannot login and access main features of the system.
Actor:	User and hotel manager
Precondition:	Must go into sign up page.
Post condition:	User must have provided all necessary information in the sign-up form.
Main-Success Scenario	<ol style="list-style-type: none"><li>1. Server must have to be working.</li><li>2. User has to properly fill the signup form.</li><li>3. Completing sign up user get confirmation message.</li></ol>
Scenario Extensions	<ol style="list-style-type: none"><li>1. Have filled all fields in the signup form.</li><li>2. Have to provide proper information otherwise signup can't be complete.</li></ol>

### 3.2.2. Login

User have to login to obtain all internal features. For login users have to provide user- name and password. Login details given in table 3.19

Table 3.19: Login

Use Case Name:	User have to login to access main features of the system.
Scenario:	In the system if user want to view hotel, booking & delete he /she have to login.
Brief Description:	Once a user login he/she can create post, view his post, update and delete his/her post. This entire feature is accessible for the login users.
Actor:	User, hotel manager, admin
Precondition:	Must have to sign up.
Post condition:	Users have provided right user name and password.
Main Success Scenario	<ol style="list-style-type: none"><li>1. Server must have to be working.</li><li>2. User name and password must be matched.</li><li>3. After login user get confirmation message.</li></ol>
Scenario Extensions	<ol style="list-style-type: none"><li>1. Have filled all fields in the signup form.</li><li>2. Have provided proper information otherwise signup can't be complete.</li></ol>

### 3.2.3 Logout

Users can logout after successfully login. Logout is only available for user who already logged in into the system. Logout details given in table 3.20

Table 3.20: Logout

Use Case Name:	Users can logout after login.
Scenario:	If user want get out of the system, he/she can logout.
Brief Description:	After using the internal features of the system user can logout to make system information safe.
Actor:	Finder, owner, admin
Precondition:	Must have to logged in.
Post condition:	Logout should be confirmed.
Main Success Scenario	1. Get logout confirmation message
Scenario Extensions	1. Users have to sign up and login if login not confirmed log out cannot be done.

### 3.2.4 Add hotel manager and hotels

User can add hotel manager of a particular hotel once. Add hotels and manager details given in table 3.21

Table 3.21: Add hotels and hotel manager

Use Case Name:	Admin can add hotel manager of a particular hotel and register them..
Scenario:	If admin need to add hotel manager he can create .
Brief Description:	After login admin can add hotel manager by simply go to post creation section and select blog post.
Actor:	System admin
Precondition:	Must have to logged in.
Post condition:	Must fill all fields in the form.



Main Success Scenario	1. Get post creation successful message.
Scenario Extensions	1. If form is properly not filled up post creation cannot be done.

### 3.2.5. View hotel & tours

User can view hotel & blog post after completely login. View hotel & tours details given in table 3.6

Table 3.22: View hotels & tours

Use Case Name:	User can view hotel & tours after login.
Scenario:	If user want to view hotels, he can view and post blog.
Brief Description:	After login user can create found post in by providing all information in the form.
Actor:	user
Precondition:	Must have to logged in.
Post condition:	Must fill all fields in the form.
Main Success Scenario	1. Get post creation confirmation message.
Scenario Extensions	1. Without valid information post creation cannot be done.

### 3.2.7. Create tour post

Admin can create posts. Create tour post details given in table 3.7

Table 3.23: Create tour post

Use Case Name:	Admin can create tour posts that he created before.
Scenario:	Whenever user doesn't need any post, he can delete that post.
Brief Description:	When user doesn't need that post he created in the system so he can delete that post.

Actor:	Admin
Precondition:	1. Have to logged in
Post condition:	1. Must have to create a post.
Main Success Scenario	1. Never see the deleted post

### 3.2.8 Manage site content

Admin can manage site content after creating that post. Manage site content details given in table 3.24

Table 3.24: Manage site content

Use Case Name:	User can Manage &update database.
Scenario:	If user thing he needs to change information he created before he can update it.
Brief Description:	If user thing he need to change information user don't need that he created in the system so he can delete that post.
Actor:	admin
Precondition:	1. Have to login.
Post condition:	1. Must have to create a post.
Main Success Scenario	1. View Updated post.
Scenario Extensions	1. Admin can update only database.

### 3.3 Activity diagram (admin):

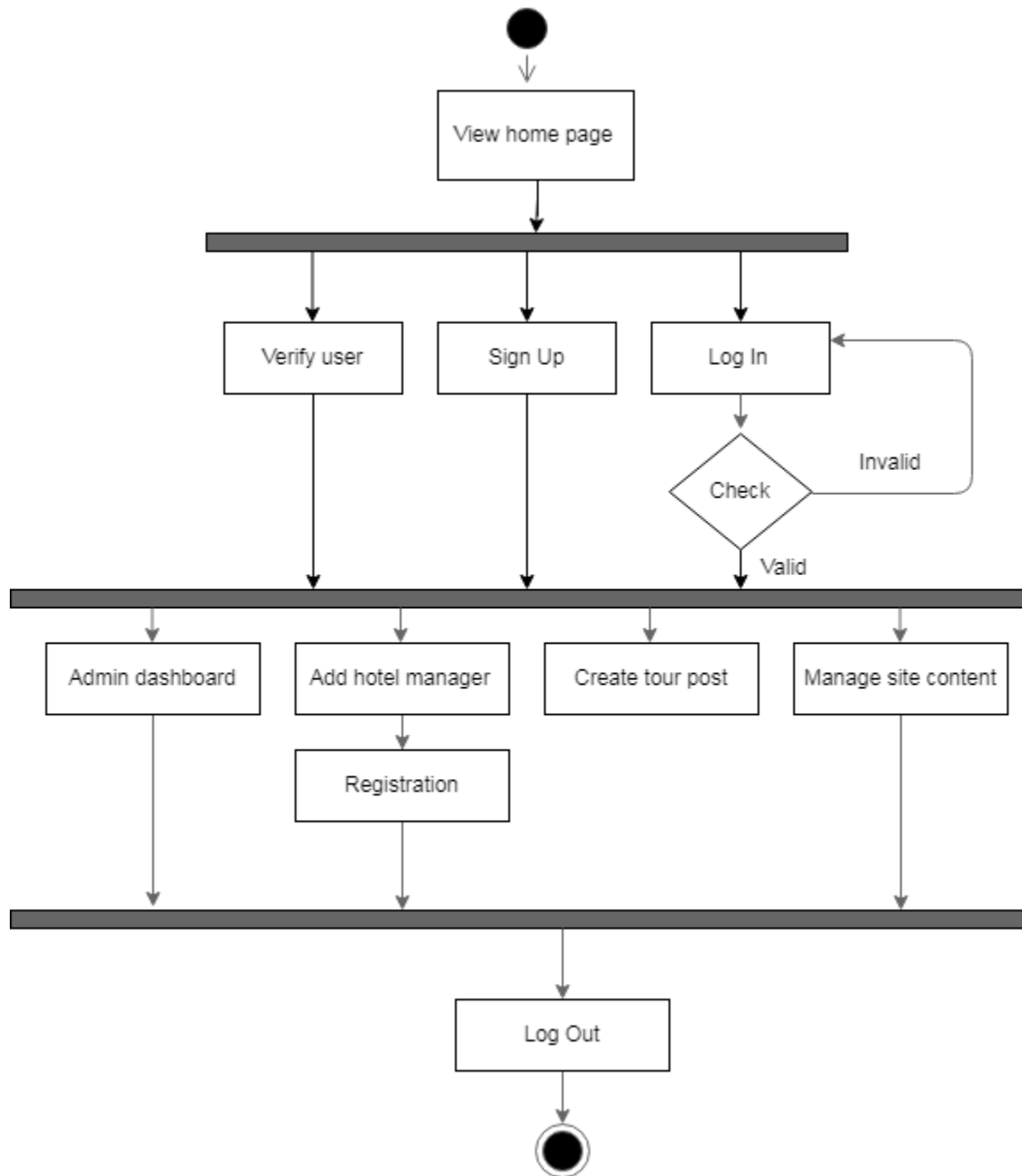


Figure 3.3: Activity diagram (admin)

### 3.3.1 Activity Diagram (user)

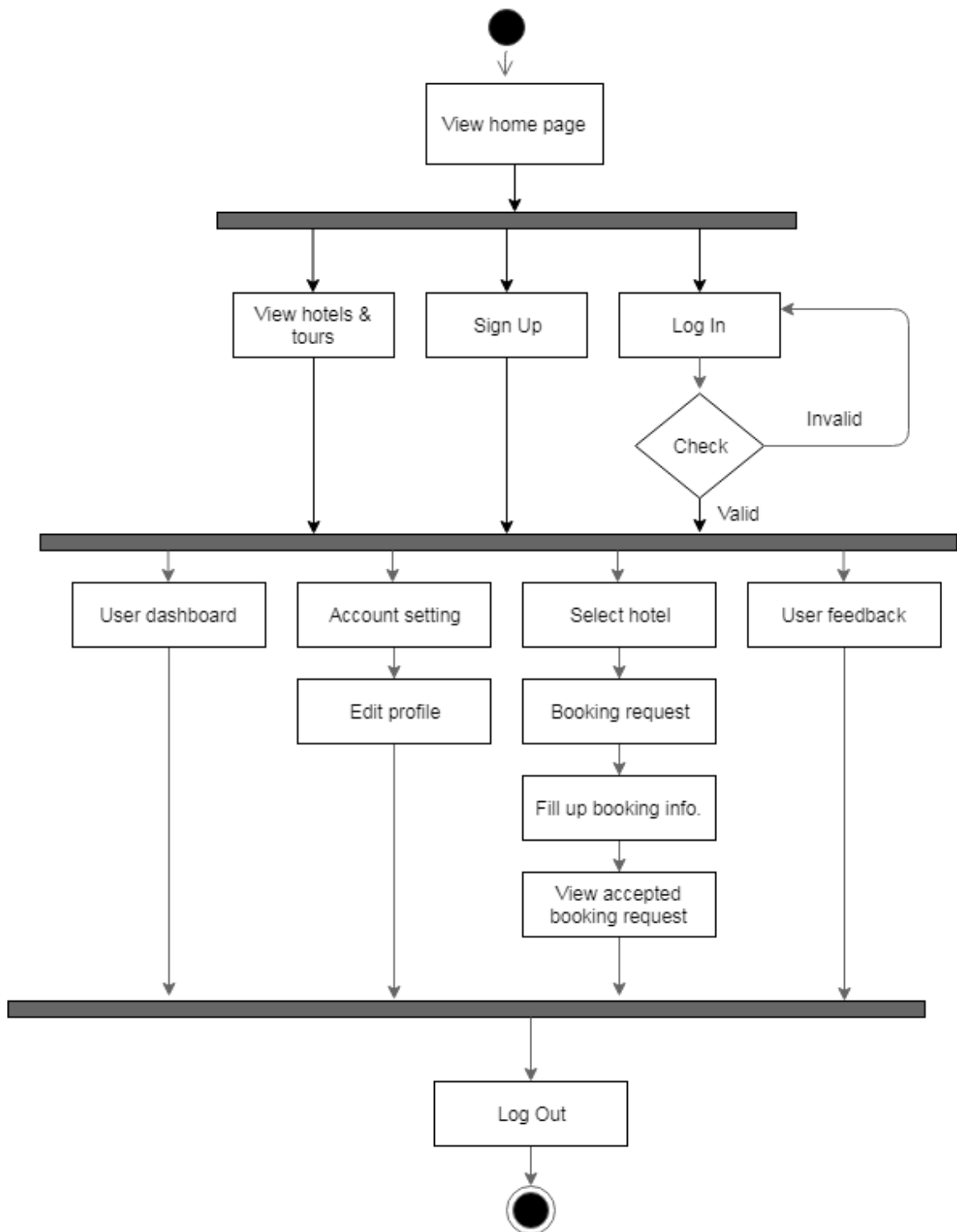


Figure 3.4: Activity Diagram (user)

### 3.3.2 Activity Diagram (Manager)

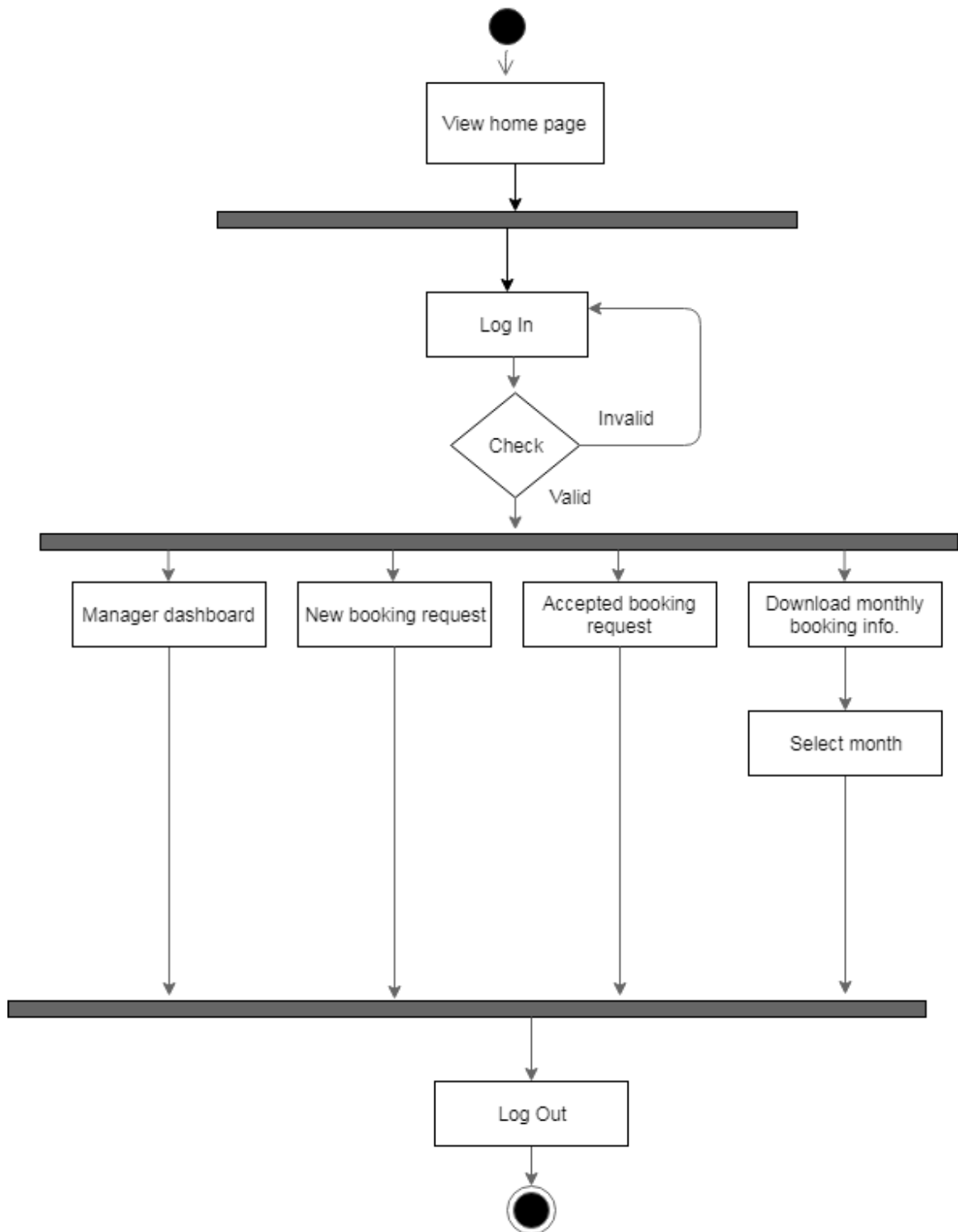


Figure 3.5: Activity Diagram (manager)

### 3.4 Sequence Diagram

#### 3.4.1 Sequence diagram for user signup and login

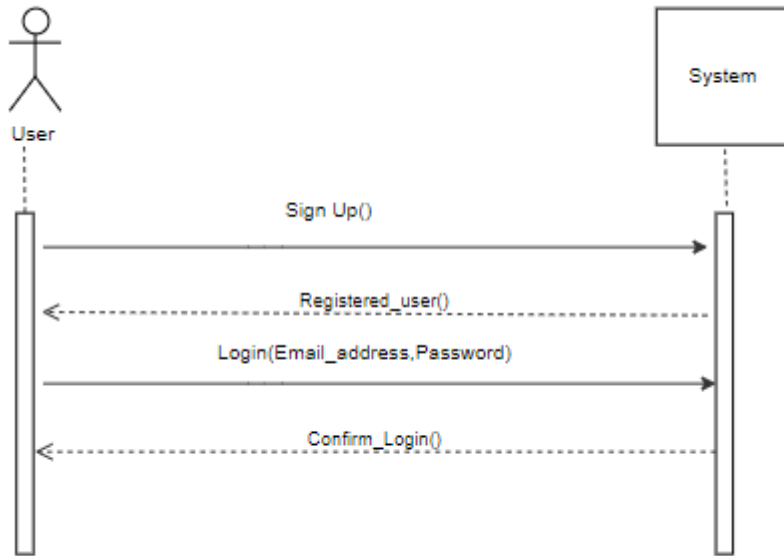


Figure 3.6: Sequence diagram for user signup and login (User)

#### 3.4.2 Sequence Diagram for user view hotels & view User Feedback

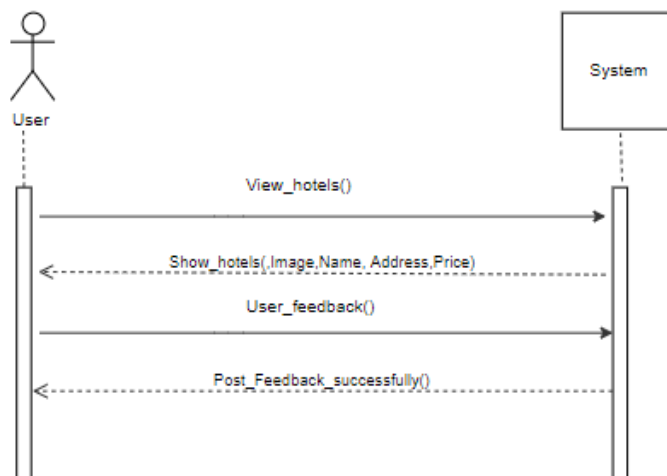


Figure 3.7: Sequence Diagram for user view hotels & view User Feedback

### 3.4.3 Sequence Diagram for hotel booking (user)

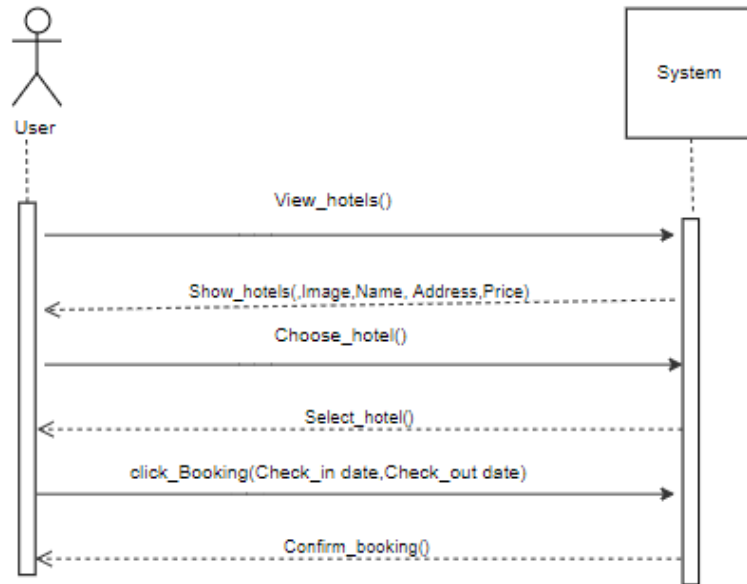


Figure 3.8: Sequence Diagram for hotel booking (user)

### 3.4.4 Sequence Diagram for Admin Login (Admin):



Figure 3.9: Sequence Diagram for Admin Login (Admin):

### 3.4.5 Sequence Diagram for Add hotel (Admin):

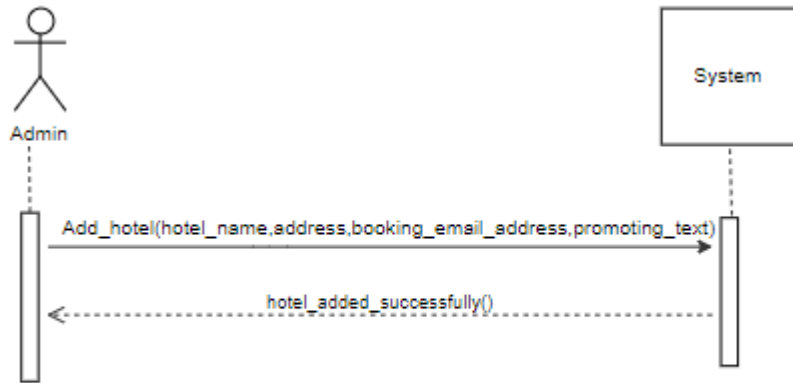


Figure 3.10: Sequence Diagram for Add hotel (Admin)

### 3.4.6 Sequence diagram for manage contents (Admin):



Figure 3.11: Sequence diagram for manage contents (Admin)



**3.4.6 Sequence Diagram for Download & print monthly booking info.(Manager) :**

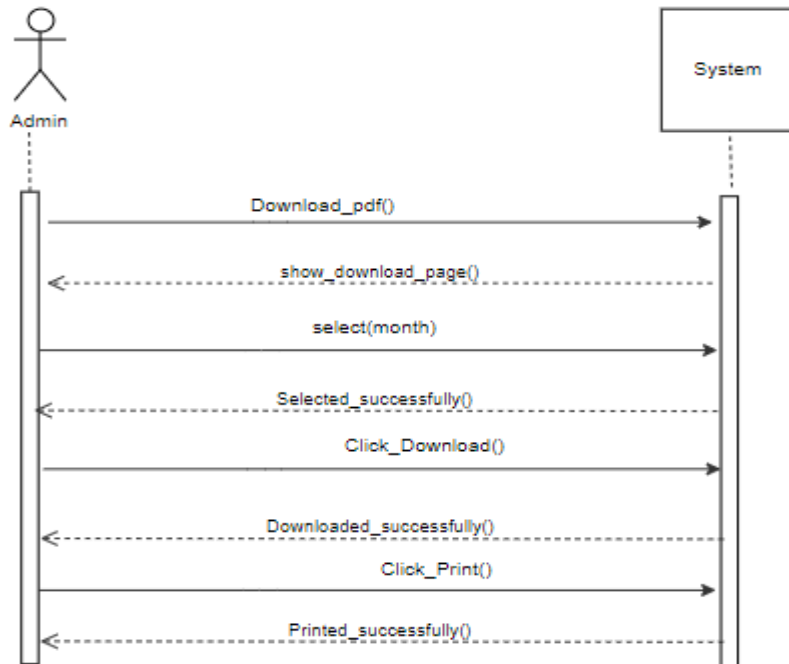


Figure 3.12: Sequence Diagram for Download & print monthly booking info

**3.4.7 Sequence Diagram for logout (user/admin/manager):**

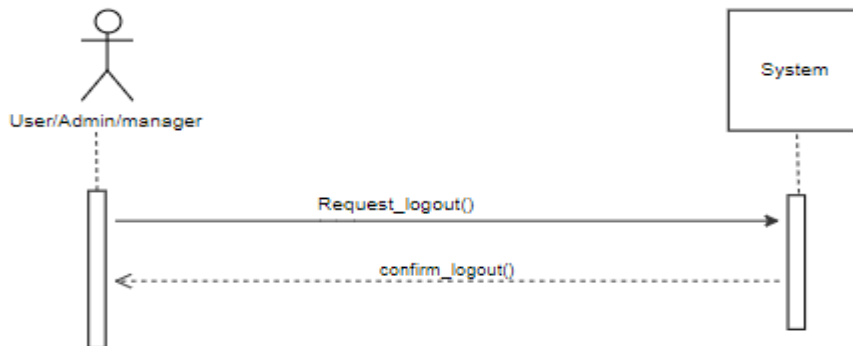


Figure 3.13: Sequence Diagram for logout (user/admin/manager)

# CHAPTER 4: SYSTEM DESIGN SPECIFICATION

## 4.1. Data Flow Diagram

### 4.1.1. DFD Level-0

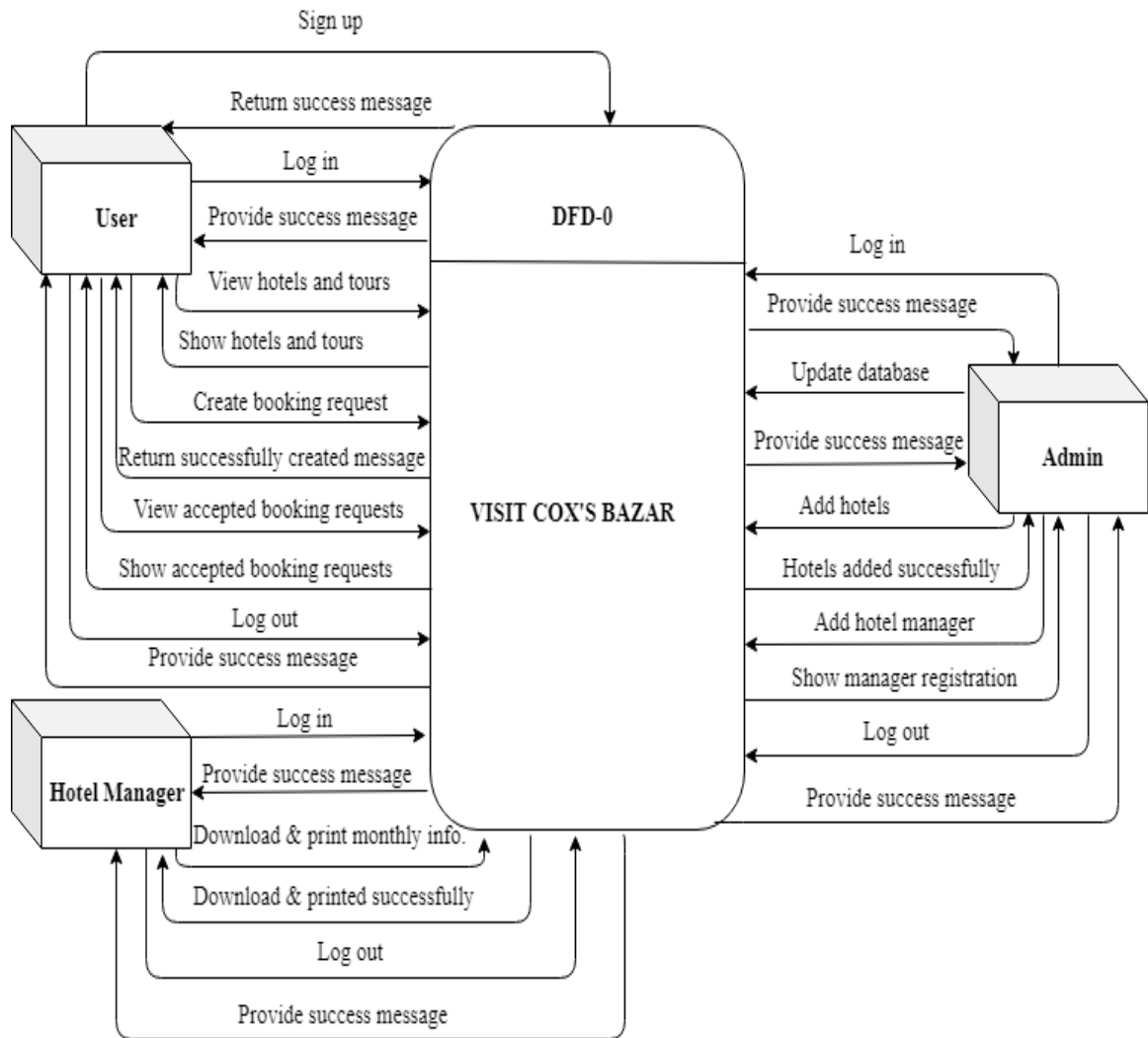


Figure 4.14: DFD Level - 0

### 4.1.2 DFD Level -1

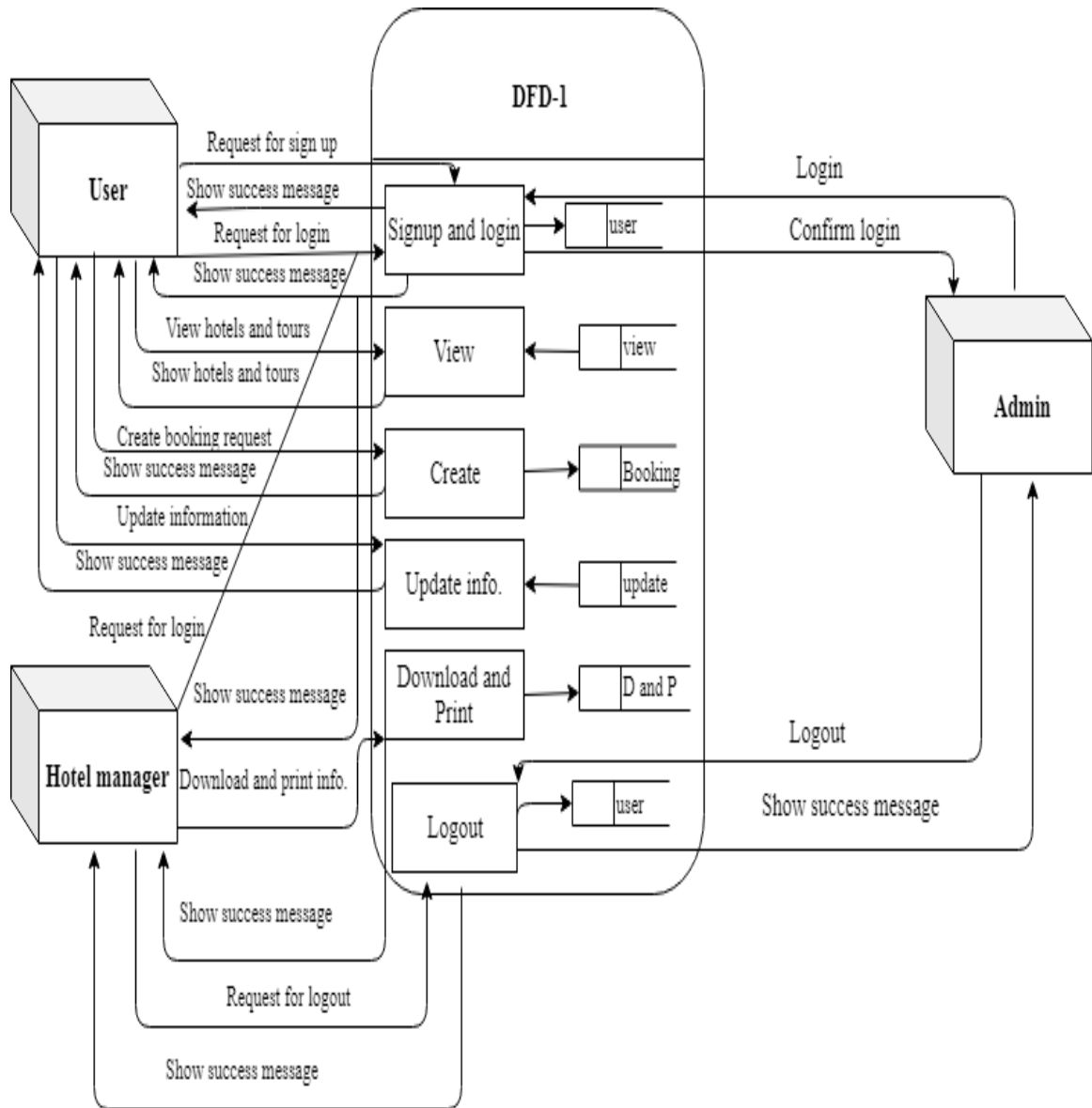


Figure 4.15: DFD Level – 1

### 4.3 Class Diagram

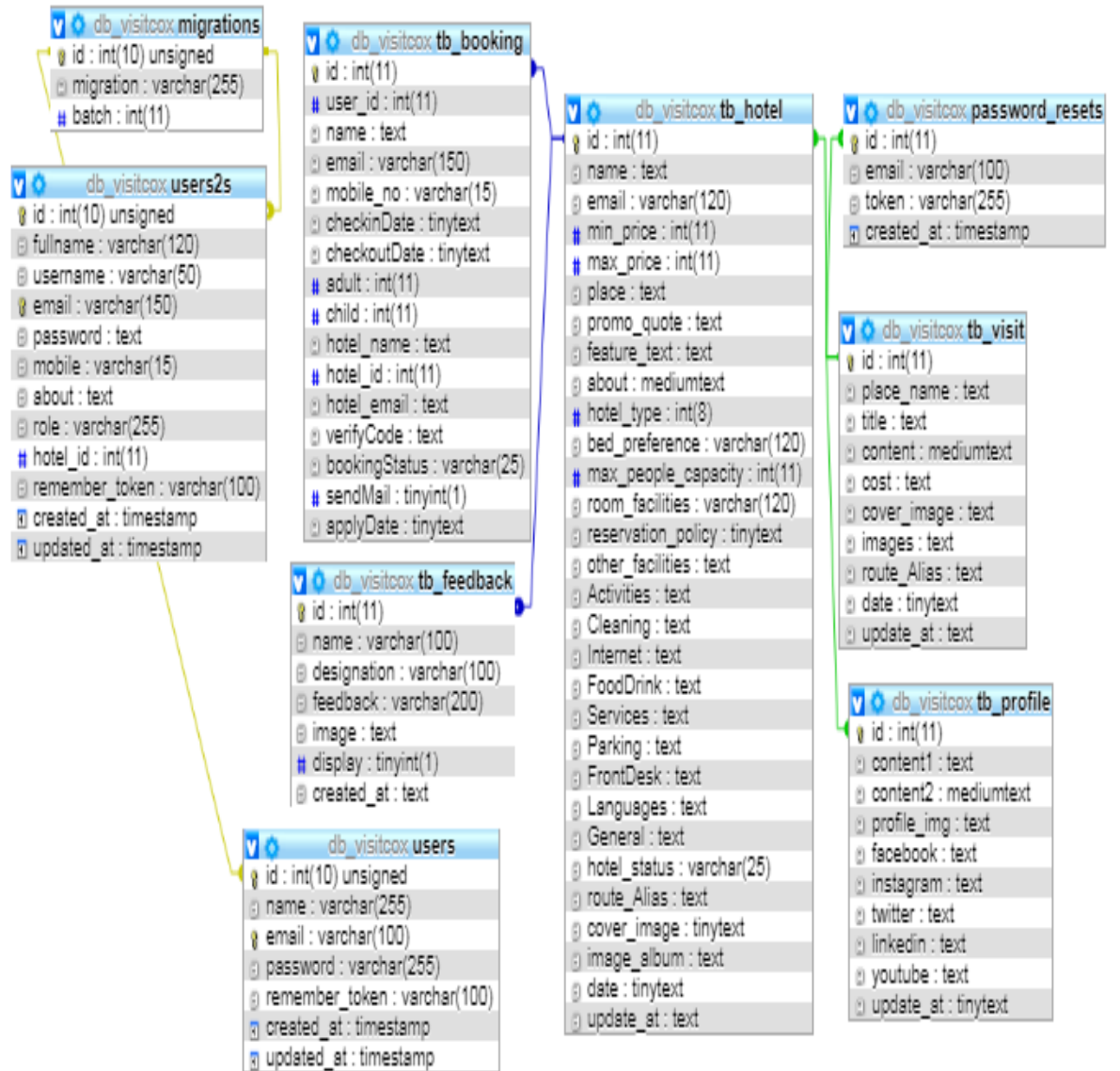


Figure 4.16: Class diagram

## 4.4 Development Tools & Technology

### 4.4.1 User Interface Technology

User Interface Technology is given in table 4.25

Table: 4.25: User Interface Technology

4.5.1.1	PHP Programming Language (Laravel Framework)
4.5.1.2	HTML5, CSS3 and Bootstrap
4.5.1.3	Font Awesome

### 4.4.2 Implementation Tools & Platforms

Implementation Tools & Platforms is given in table in table 4.26

Table: 4.26: Implementation Tools & Platforms

4.5.2.1	Sublime text editor and PyCharm
4.5.2.2	MySQL version 10.1.37-MariaDB
4.5.2.3	Lightweight web server

# CHAPTER 5: SYSTEM TESTING

## 5.1 Testing Features

### 5.1.1 Features to be tested

Features to be tested details are given in table 5.27

Table 5.27: Features to be tested

<b>Featured ID</b>	<b>Featured Name</b>	<b>Description</b>	<b>Involved User</b>
001	Login (Admin)	Check admin login working or not	Admin
002	View tours & hotels	Check tours & destination feature working or not	User
003	Create booking request	Check user can successfully create a booking request or not	User
004	Manage site content	Check if admin can manage all site content or not	User
005	Book hotel	Check user can book hotel by clicking	User
006	Add hotel & manager	Check admin can add hotel manager or not.	User
007	Update database	Check admin can update database or not.	admin
008	Logout	Check user can log out or not	User

### 5.1.2 Features not to be tested

Features not to be tested details are shown in table 5.28

Table: 5.28: Features not to be tested

<b>Featured Id</b>	<b>Featured Name</b>	<b>Description</b>	<b>Involved User</b>
001	Accuracy	How accurate the system loads data	System
002	Speed	How fast the system retrieve data from server	System
003	Security	How secure is the system data	System

## 5.2 TESTING STRATEGIES

### 5.2.1 Test Approach

Test strategy is the process and procedures of how the system should be tested the test date is identified by expected output for actual input. Test plan is a standard document produced in most software engineering projects. Low quality projects don't have test plans. Test plan is written after requirement analysis. System is tested with sample data to see how it handle input and output functions with extreme data

### 5.2.2 Pass/Fail Criteria

1. High reliability will pass the system.
2. If the system is 80% error free it will pass either will fail.
3. If the system retrieves data in less than 4 seconds it will pass.
4. If the validation works properly system will pass.

### 5.2.3 Suspension and resumption

#### **Suspension:**

1. Unavailability loading data from server.
2. System Crush.
3. Invalid data.

#### **Resumption:**

1. System taking too much time to load data.
2. Failure in data validation.

### 5.2.4 Testing Schedule

Testing Schedule is given in table 5.29

Table: 5.29: Testing Schedule

Id	Task name	Duration	Start	Finish
01	Testing planning	2 days	05-Apr 2019	07-Apr 2019
02	Test plan and QA schedule preparation	1 days	08-Apr 2019	09-Apr 2019
03	Test point preparation	3 days	10-Apr 2019	13-Apr 2019
04	Testing and Bug reporting	4days	15-Apr 2019	19-Apr 2019



### 5.2.5 Requirement Traceability Matrix

#### Requirements:

1. Signup
2. Login
3. View hotels and tours
4. Create booking request
5. View booking request and accept request
6. Add hotel and manager
7. Manage site content
8. Download and print monthly booking info
9. Create tour post
- 10 Log out

#### Test cases:

1. Signup module
2. Login module
3. Create booking request
4. Book hotel
5. Add hotel and manager
6. View hotels and tours
7. Manage site content
8. Log Out

### Traceability Matrix

Table 5.30: Traceability Matrix

Requirement	Req1	Req2	Req3	Req4	Req5	Req6	Req7	Req8
Test cases								
TC1	X							
TC2		X						
TC3				X				
TC4						X		
TC5							X	
TC6					X			
TC7								X
TC8			X					

### 5.3 Testing Environment (Hardware/Software Requirements)

Software: Sublime text editor

Hardware: Computer

## 5.4 Test Cases

### 5.4.1 Sign up module

Sign up module are given in table 5.31

Table 5.31: Sign up module

Id	ACTION	Input	Expected Result	Actual Result	Pass/Fail	Code module
1	Sign up	First name: Rajia Last name: sultana Username: RS Password: bi2sk7 Email:Sultana@yahoo.com Phone number: 01752466	Show error message phone number is invalid	Showing error message phone number is invalid	Pass	Models
2.	Sign up	First name: Rajia Last name: sultana Username: RS Password: bi2sk7 Email: Phone number:0175615451	Show error message email field required	Showing error message email filed required	Pass	Models
3.	Sign up	First name: Rajia Last name: sultana User name: RS Password: bi2sk7 Email:sultana@yahoo.com Phone number:01756154511	Signup Successful	Showing success message	Pass	My user

### 5.4.2 Login Module

Table 5.32: Login module

Id	ACTION	Input	Expected Result	Actual Result	Pass/Fail	Code module
1	Login	E-mail address: RS Password: abch20	Show error message password don't match	Showing error message password don't match	Pass	Models
2.	Login	E-mail address: Password:bi2sk7	Show error message e-mail address is required	Showing error message	Pass	Models
3.	Login	E-mail address: RS Password: bi2sk7	Login successful	Showing success message	Pass	Models

### 5.4.3. View tours & hotel module

Table 5.33: View tours & hotel module

Id	ACTION	Input	Expected Result	Actual Result	Pass/Fail	Code module
1	View	View hotels	Show all images of hotels	Showing all images of hotels	Pass	Views
2.	View	View tours	Show all the places of Cox's bazaar to visit	Showing all the places of Cox's bazaar to visit	Pass	Views

#### 5.4.4 Booking hotel

Table 5.34 Booking hotel

Id	ACTION	Input	Expected Result	Actual Result	Pass/Fail	Code module
1	Request for booking	Name: SK Address: Dhaka Phone number:01732482518	Show success message	Showing success message	Pass	Forms and views
2.	Request for booking	Name: SK Address: Dhaka Phone number:	Show Error message phone number required.	Showing error message	Pass	Forms and views

## CHAPTER 6: USER MANUAL SCREENSHOT

### 6.1 User manual for user:

#### 6.1.1 User Home Page



Figure 6.17: User Homepage

#### 6.1.2 Registration

রেজিস্ট্রেশন

Full Name

User Name

E-Mail Address

Password

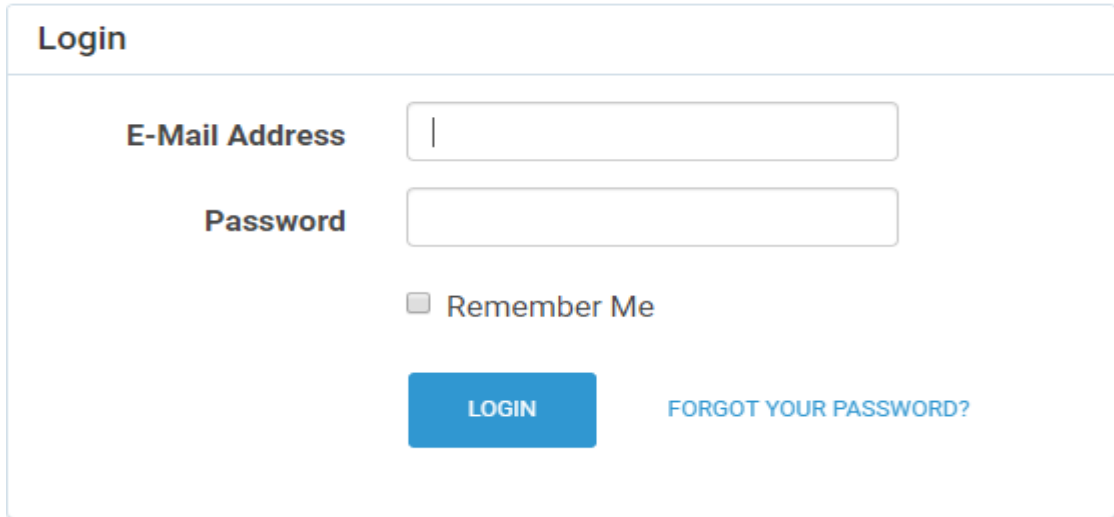
Confirm Password

Mobile

Figure 6.18: User Signup

### 6.1.3 User login

After sign up user can login into the system with the username and password



The image shows a login form titled "Login". It contains two input fields: "E-Mail Address" and "Password". Below the password field is a checkbox labeled "Remember Me". At the bottom of the form, there is a blue "LOGIN" button and a link labeled "FORGOT YOUR PASSWORD?".

Figure 6.19: User Login

### 6.1.4 User Dashboard

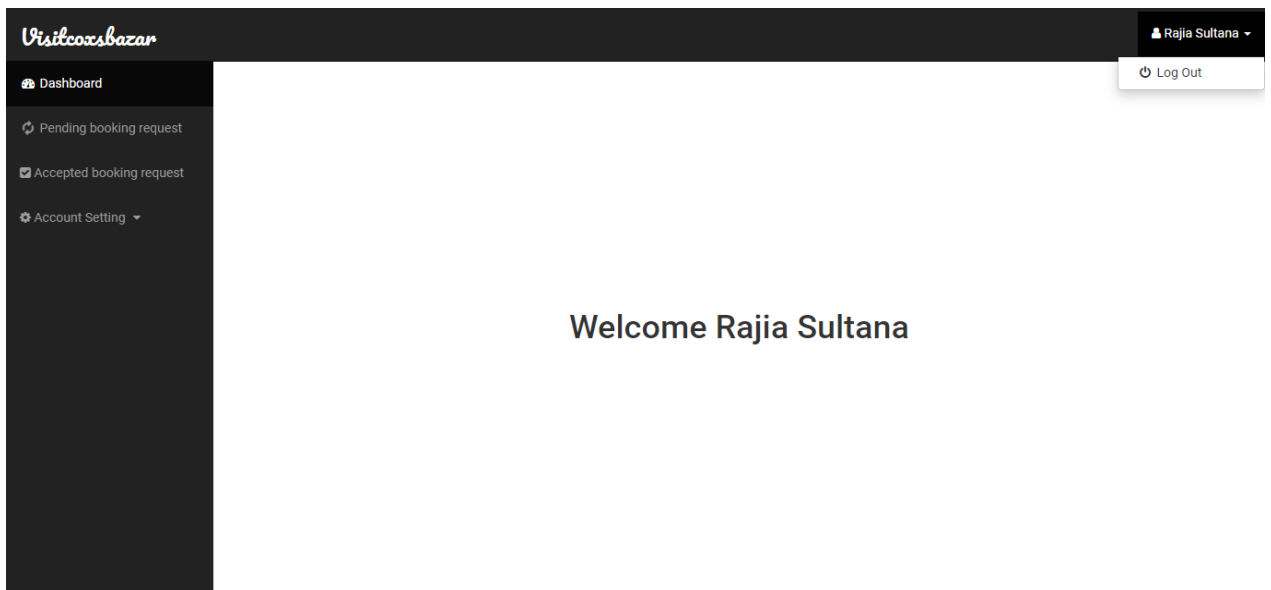


Figure 6.20 : User Dashboard

### 6.1.5 Hotel selection

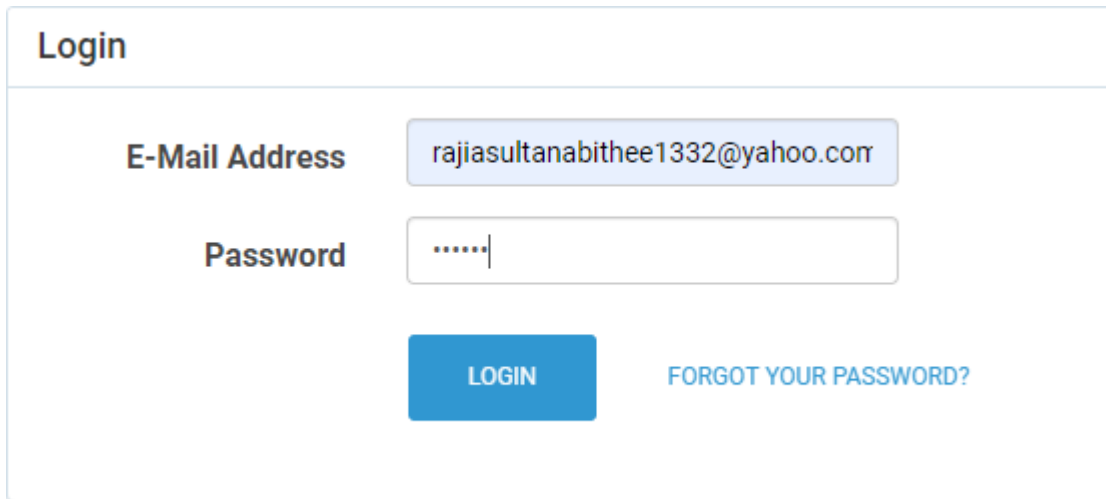
Figure 6.21: Select hotel

### 6.1.6 Booking hotel

After select hotel user can book hotel

Figure 6.22: Booking hotel

### 6.1.7 Admin Login



The image shows a login form titled "Login". It contains two input fields: "E-Mail Address" with the value "rajiasultanabithee1332@yahoo.com" and "Password" with masked characters ".....". Below the fields is a blue "LOGIN" button and a link "FORGOT YOUR PASSWORD?".

Figure 6.23: Admin login

### 6.1.8 Admin Homepage

After login admin view homepage

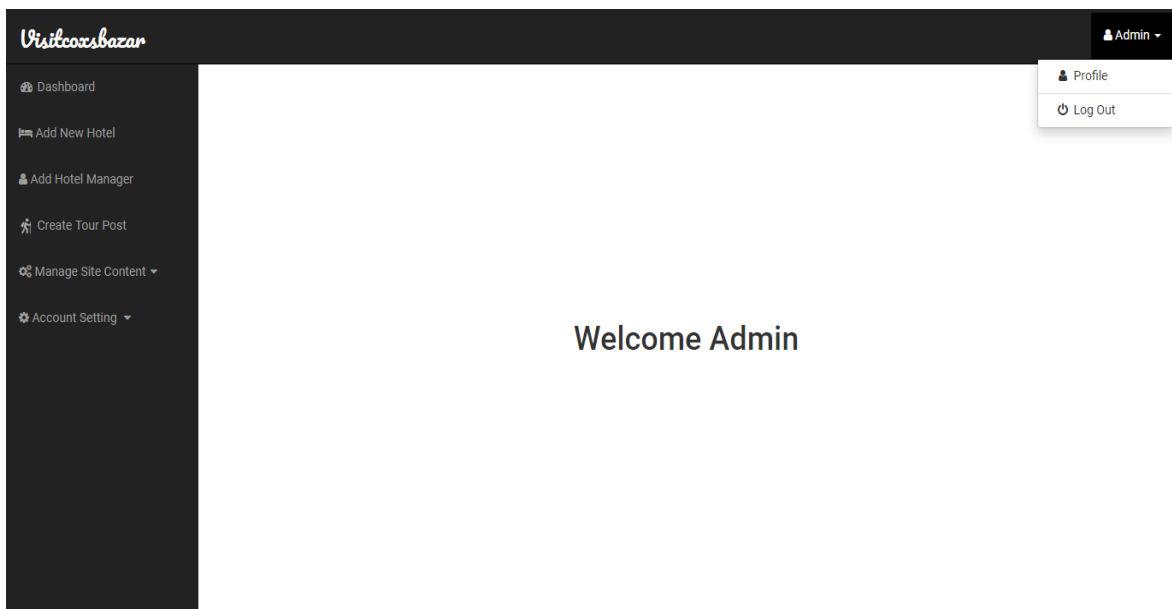


Figure 6.24: Admin homepage



## 6.1.9 Create tour post

**Create New Tour Post**

Dashboard / Create Tour Post

**Required Filled \***

**Place Name \*** **Title \*** **Estimated Cost \***

**Content \***

Cover Image Upload \*

Choose a file

Figure 6.25: Create tour post

## 6.1.10 Add hotel

**Add New Hotel**

Dashboard / Add Hotel

**Required Filled \***

**Hotel Name \*** **Address \***

**Booking Email Address \*** **Promoting Text/Solo Text**

**Feature Text \*** (Not more than 200 character)

Figure 6.26: Add hotel

## 6.1.11 Manager Dashboard

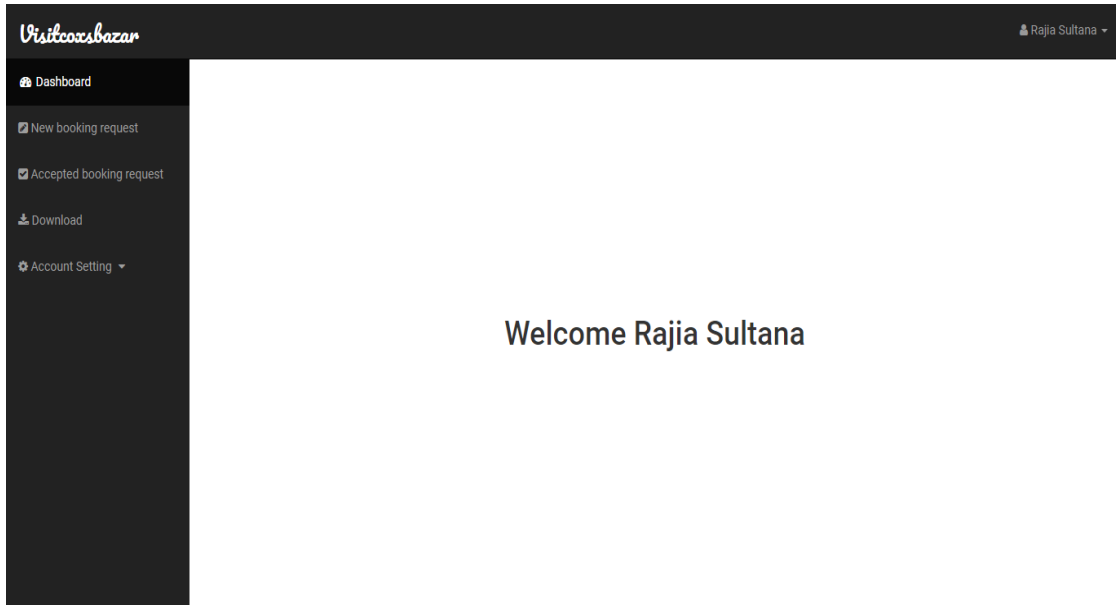


Figure 6.27: Manager Dashboard

## 6.1.12 Download & Print Monthly Booking

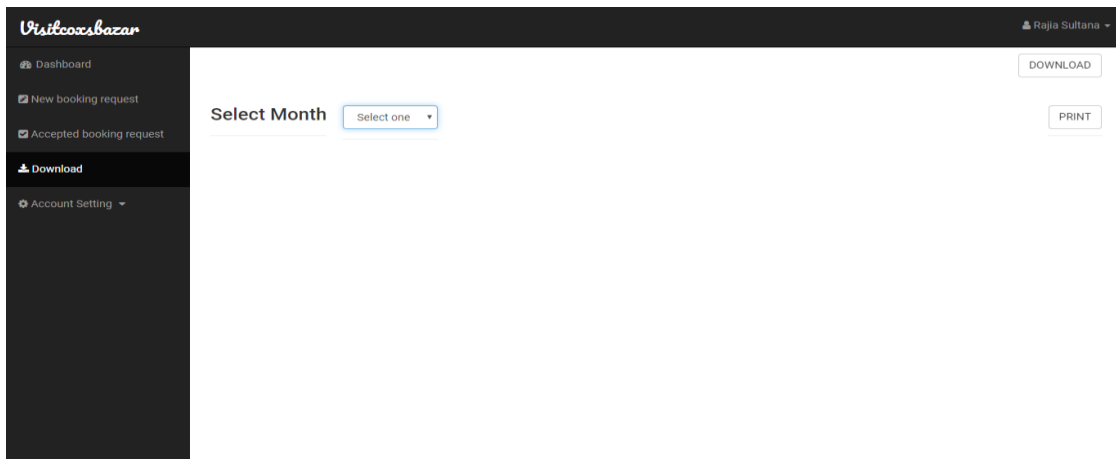


Figure 6.28: Download & Print Monthly Booking

## Chapter 7: Project summary

### 7.1 GitHub link:

<https://github.com/sultana956/Visit-Cox-Bazar-Web-Project>

### 7.2 Limitations

1. We cannot manage large amount of data.
2. System is not full error free.
3. System is not fully bug free.
4. System is full secure.

### 7.3 Obstacles & Achievements

Obstacles & Achievements are given in table 7.35

Table: 7.35: Obstacles & Achievements

Obstacles	Achievements
1. Form validation	1. Every field is validated.
2. Reduce response time.	2. Response time is within 3 seconds.
3. Showing update post on the top	3. Update posts are on top.
4. Matching user data with database when login.	4. User data matched when login.
5. Searching for location and item on homepage.	6. Getting all data according the searched word.

## **7.4 Conclusion**

Considering so many difficulties throughout the entire development process the web application and the system is ready to be used by the user with high accuracy and efficiency.

The system will be very easy to use and maintain as the documentation and user manual is available for every user. There will be surely room for enhancement during development.

Considering the application and the system is better, more effective and faster than the existing all other existing system. The system is rich with information and available for everyone.

The system will support all type of screen.

This system is not developed for small purpose it has a long plan. Not just in our country we want to make our system available for every country in the world. We want to help people by providing information about their lost and found things and make a communication between owner and finder.

## **7.5 Future Scopes**

This system is not huge as with simple frames for work with and easy to use and helpful. There was some features I wanted to implement but I was unable to implement them for now but in the future there are some ideas to make this project more helpful and unique is given below;

1. Integrated payment gateways to book rooms.
2. Reserve rooms by doing partial payment.  
Cancel their reservation anytime.

## APPENDIX

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### N

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### S

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Software Requirement

Software Development Plan

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### T

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### U

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