



Daffodil
International
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“Local Tourist”

By

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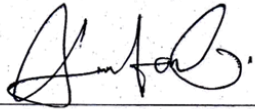
A project submitted in partial fulfillment of the requirement for the degree of
Bachelor of Science in Software Engineering

Department of Software Engineering
DAFFODIL INTERNATIONAL UNIVERSITY

Semester: Spring –Year: 2019

DECLARATION

We hereby declare that we have taken this thesis under the supervision of **Mr. Iftekharul Alam Efat**, Senior Lecturer, **Department of Software Engineering, Daffodil International University**. We also declare that neither this thesis/project nor any part of this has been submitted elsewhere for award of any degree.



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Senior Lecturer

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Daffodil International University

Acknowledgement

After all, I was successful as I successfully replaced the final semester. And so I'm pleased with my Almighty. From the beginning of my university career, I learned a lot about the knowledge about software engineering and core computer science about my course teachers. Moreover, they teach our ethics, ethics, and modesty.

As well, I am very grateful to my parents that I was always supported by them. They always inspire me to my opinion priorities and as well.

My supervisor to allow me to work with this project. **Mr. Iftekharul Alam Efat** too much appreciated. He always supports me to make this project successful. Especially I am very grateful to my brother, who always admires my professionalism.

Executive Summary

January was the when we started the development phase. We all know that, people have to put hard work, dedication, and full concentration to complete a project successfully.

Here comes to requirements analysis to help the developments phase. Requirements analysis helps every step of development phase.

Database it's the important part of any system. That's why, in the initial step of development phase I have focused on database design, make the table and their attribute.

Complete a project in not easy at all. Also it's not the end, you have to ensure that you project works properly and for that you have to test your project. And here comes the testing part.

Testing ensure that your system quality.

Table of Contents

APPROVAL	Error! Bookmark not defined.
Acknowledgement	iii
Executive Summary	iv
Chapter1.....	1
Introduction.....	1
1.1 Project Overview	2
1.2 Project Purpose	3
1.2.1 Background	3
1.2.2 Benefits & Beneficiaries	3
1.2.3 Goals	3
1.3 Stakeholders	4
1.4 Proposed System Model.....	5
1.5 Project Schedule.....	5
1.5.1 Gantt Chart.....	6
Chapter 2	7
Software Requirement Specification	7
2.1 Functional Requirements	8
2.1.1: Traveler Registration	8
2.1.2: Traveler Login	8
2.1.3. Find a Tour.....	8
2.1.4: Traveler Can View full tour Plan.....	8
2.1.5: Traveler can send a booking request for a tour	8
2.1.6: Traveler can view upcoming tour and guide event.	9
2.1.7: Traveler can view the pending request	9
2.1.8: Traveler can rate the guide.....	9
2.1.10: Traveler can find a Guide	9
2.1.12: Traveler can send a hiring request	9
2.1.13: Guide Registration	10
2.2 Data Requirements.....	10
2.3 Performance Requirements	10
2.4 Dependability Requirements.....	10
2.4.1 Reliability Requirements.....	11
2.4.2 Availability Requirements	11
2.5 Maintainability and Supportability Requirements	11

Chapter 3	12
Requirement Analysis.....	12
3.1 Use Case Diagram.....	12
3.1.1 Registration	13
3.1.2 Login	14
3.1.3 Find a Tour.....	14
3.1.4 Find a Guide.....	14
3.1.5 View Request Tour	16
3.1.6 Give Rating	16
3.1.7 View Guide Details.....	16
3.1.8 View Tour History	17
3.1.12 Booking Guide	18
3.2 Activity Diagram	18
3.2. Traveler Registration.....	19
3.2.2 Login	20
3.2.3 Find Tour	21
3.2.4 View Tour Details.....	21
3.2.5 Booking Tour	22
3.2.6 View Upcoming tour.....	22
3.2.7 View previous tour history.....	23
3.2.8 Request for guide	23
3.2.9 Request for hiring a guide	24
3.2.19 See upcoming tour	24
3.2.10 View tour history	25
3.2.11 booking tour	26
3.2.19 View tour Details	27
3.3 Sequence Diagrams.....	28
3.3.1 User Registration.....	28
3.3.2 User Login	29
3.3.3 Find Tour	30
3.3.4 Vie Tour Details.....	30
3.3.5 Book Tour	31
3.3.6 View Upcoming Tour	31
3.3.7 View Request Tour	32
3.3.8 View Tour History	32
3.3.10 Find Guide	33

3.3.11 View Guide Details	33
3.3.12 Booking Guide	34
3.3.17 View Tour Rating.....	34
Chapter 4	35
System Design Specification	35
4.1 Development tools and technology	36
4.1.1 User Interface Technology	36
4.1.1.3 Programming Language	36
4.1.2 Implemented tools and platform	36
4.2 Class Diagram	36
4.3 Database Design Diagram.....	37
Chapter 5	38
System Test	38
5.1 Testing Features	39
5.1.1 Features to be tested	39
5.2 Black Box Testing.....	39
5.2.1 White Box Testing	39
5.2.2 Pass / Fail Criteria	39
5.3 Test Cases	40
5.3.1 Login.....	40
5.3.2 Registration	41
5.3.3 Hiring guide	42
5.3.4 View Upcoming Tour	43
5.3.5 Find Tour	44
5.3.6 Find Guide	45
Chapter 6	46
User Manual	46
6.1 Flash Screen	47
6.2 Registration Page	48
6.3 Login Page	49
6.4 Tour List.....	50
6.5 Tour Details	51
6.5 Guide Search.....	52
6.7 Guide Details	53
6.8 Tour Overview	54
Chapter 7	55

Conclusion	55
7.1 GitHub Link	56
7.2 Project Summary.....	56
7.3 Limitations	56
7.4 Obstacles and Achievements	56
7.5 Future Scope	56
7.6 References.....	57

Chapter 1

Introduction

1.1 Project Overview

Traveling teach us more than any book. Travelling make your life better and happier in several ways. We will meet the different people during traveling. If we want to be more open and more accepting, then we should travel. If we want more independent and confident go to travel.

When we want to travel any place, we haven't much opportunity to go an unknown place, because we don't know about the place, security, costing etc. actually we are traveling like generally! People go only main focused place say like Cox Bazar. and they never reach any placed deeply. Because of the lack of communication, security reason, etc.

For the reason, we are going to design and develop an application called "Local Tourist", because of helping the traveler to travel any placed in Bangladesh.

In our Application, there is a traveler part. Suppose a traveler want to travel any place so they can search into the system for knowing upcoming tour details of any specific placed. And they can see all details about the tour like tour date, cost, etc. If they want to enroll in the tour, Traveler have to ensure that they are an authentic user by login into the system. Then they can send enroll request. In this system, only guide can create a tour.

Traveler enrollment request comes to the Guide. In this system, guide play a vital role that's why when admin accepts the guide profile they make sure that the guide information is solid and accurate.

When an enrollment request come to guide then the guide check that request and after seeing the traveler given information, the guide can cancel or accept the enrollment request, a traveler also can book a local guide, to guide him.

Suppose, any traveler needs to visit a district so they can search for a guide of their desire place and sending booking request to guide.

We decided to make a system to help the traveler to travel. When any people travel any place with a local guide of that area then there is no security issue and they know properly about the traveling place.

1.2 Project Purpose

Our purpose about “Local Tour” to make a tradition for a traveler to visit anywhere in a place properly. And build a communication system between traveler and local guide. As if, a traveler can find a tour easily and also can book a guide. The people called guide is make money using this system.

1.2.1 Background

We recognize that, people travel only a focused place but a focused place have some other tourism sport and a traveler missing those tourism sport. People know a place but not everything on that place because the lack of availability of information. And they also don't know that there have a tourist place. So that's why we have thought that here we can help the people.

1.2.2 Benefits & Beneficiaries

Our application is going to be beneficial in various ways. Some of them are below

- It helps a traveler to find and see upcoming tour on a specific area
- It's more easy for a traveler to enroll the tour
- Also a traveler easily can find a “Guide”
- Traveler can send guide booking request more easily
- After complete the tour, the traveler can give rating on a guide
- Traveler can update their own profile
- This app helps the guide for create and arrange a tour
- Guide can accept or reject traveler enrollment request
- Guide also can delete or cancel the tour that is created by him
- After complete the tour, guide also can giving rating on a traveler
- Guide can update their own profile also
- The guide information is trustable because an admin is completed the guide registration process

1.2.3 Goals

The final goal of this project is to build an application based on web. Our aim is to help the traveler to travel any place properly and make their traveling path easy and more secure. We want build a platform where a traveler can find his maximum needs. And the guide side we will try to make this application useful for them as they can get their return values.

1.3 Stakeholders

There are three stakeholders in our “Local Tour” System. And they are:

- ❖ Traveler
- ❖ Guide
- ❖ Admin

Traveler: Traveler is the primary stakeholders in this system. The main user in this system is a traveler. Traveler searches a tour on a specific placed and sees the tour details if they like the tour they can send an enrollment request. Also, a traveler can book a guide to giving him company on any tour. After the tour, they can give a rating on that guide.

Guide: The Guide is another primary stakeholder in this system. A guide can create a tour based on any specific area. And on that tour, if any enrollment request comes from any traveler then the guide can accept or reject that request. For any reason, the guide can delete or cancel the tour. After the tour, guide also can give a rating on a traveler.

Admin: There is a small roll in admin part of this system. When a guide registration request come to admin they check the guide information if the guide provide solid information then admin accept there registration.

1.4 Proposed System Model

Before going to develop a system it is very important to have a system model. We have already Prepared a system model. This model will clarify our proposed system in brief.

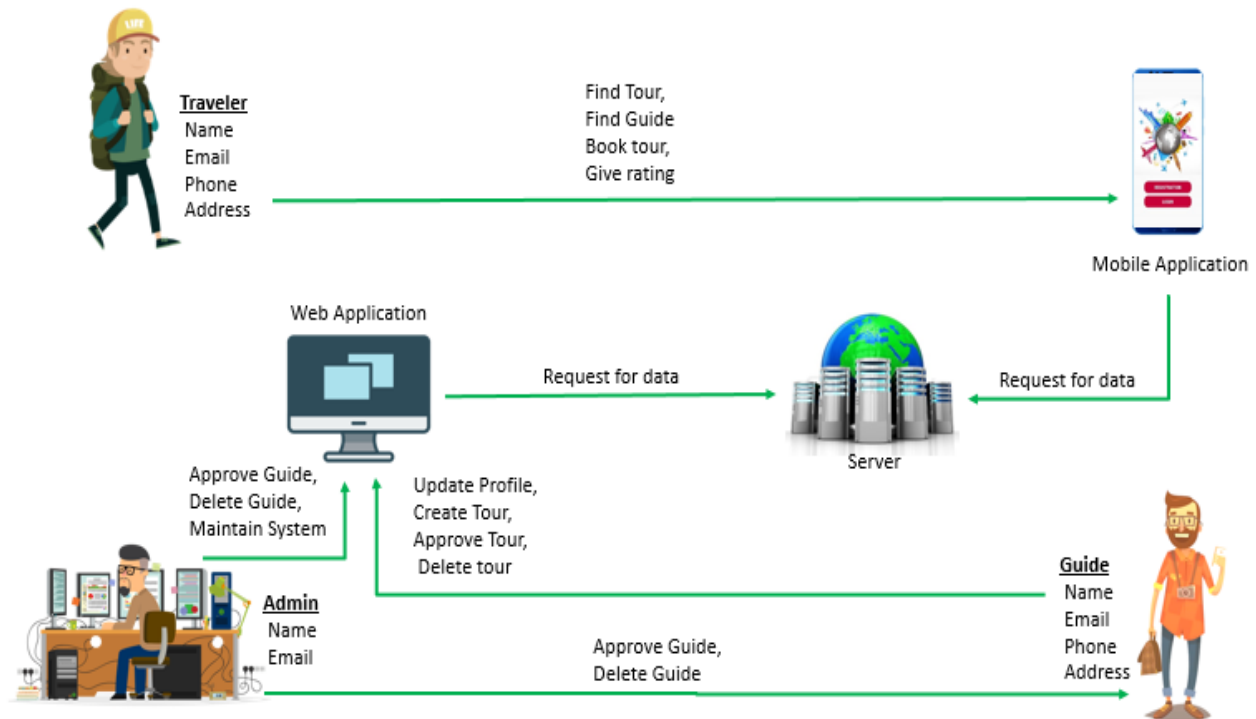


Figure 1.1: Proposed system model

Our project named “Local Tourist” is going to be developed based on web and mobile, this application reserve different types of modules as well as user privileges. And each module architecture is different from another one. Before describing project overview, I need to expose about our system module architecture

Such as:

- ☐ Traveler Module
- ☐ Guide Module
- ☐ Admin Module

1.5 Project Schedule

We need to prepare a scheduling plan to complete the project on time. It also refers to make Communication with what task need to get done within timeframe.

1.5.1 Gantt Chart

Gantt chart is mainly a production control tools. It remained us to complete our assigned tasks Within a certain period of time. For developing software, it is mostly used. Now I will show a Gantt chart for our project.

Activities		M1 H1	M1 H2	M2 H1	M2 H2	M3 H1	M3 H2	M4 H1	M4 H2	M5 H1	M5 H2	M6 H1	M6 H2	M7 H1	M7 H2
Planning	Ideas														
	Problem definition														
	Proposal planning														
Requirements	Requirement specification														
	Requirement analysis														
QA-1	Quality assurance														
System design	Sketching														
	Design specification														
	Database design														
Implementation	Guide Module (Web)														
	Admin Module (Web)														
	Traveler Module (Mobile app)														
QA-2	Test cases														
Testing	Unit testing														
	Black box testing														
Delivery	Software release														
Scheduled Time															
Buffered Time															
M	Month														

Figure 1.2: Gantt chart

Chapter 2

Software Requirement Specification

2.1 Functional Requirements

Functional requirements refer to the function which is must be belong to the system. Functional requirements are mandatory to perform the software system. There is no system without functional requirements. Now, we are going to discuss functional requirements for our project.

2.1.1: Traveler Registration

FR-01	Traveler Registration		
Description	Traveler must registration the system using unique email, password, name and other additional information. In future, Traveler can't change her register email address. Without registration, He /she can't book any guide or tour.		
Stakeholders	Traveler	Priority	High

2.1.2: Traveler Login

FR-02	Traveler Login		
Description	After successfully login, Traveler login the system using email and password. And sent a booking request for guide or tour.		
Stakeholders	Traveler	Priority	High

2.1.3. Find a Tour

FR-03	Find a Tour		
Description	Traveler can search a tour by area basis. From drop down menu, traveler can choose a district and then he will see the tour list. Traveler can search a tour by place / area name.		
Stakeholders	Traveler	Priority	High

2.1.4: Traveler Can View full tour Plan

FR-04	Traveler Can View full tour Plan		
Description	Traveler can view full description and plane about the Tour, which was provide by the Guide. Travelers also see the guide profile, rating, traveler comment, previous guide and tour experience.		
Stakeholders	Traveler	Priority	High

2.1.5: Traveler can send a booking request for a tour

FR-05	Traveler can send a booking request for a tour		
Description	When Traveler wants to attend a tour, he / she must send a booking request to guide (who arranged the tour). Traveler must provide additional information about how many people will go with him, there age. Traveler can ask any tour related question.		
Stakeholders	Traveler	Priority	High

2.1.6: Traveler can view upcoming tour and guide event.

FR-06	Traveler can view upcoming tour and guide even.		
Description	When traveler booking a tour or hire a guide and guide approved it, then traveler can see the upcoming tour or hiring event. He can see that info, until the date passed.		
Stakeholders	Traveler	Priority	High

2.1.7: Traveler can view the pending request

FR-07	Traveler can view the pending request		
Description	When traveler send a tour booking request or send a guide hiring request, Guide is not giving any decision (Like request or Reject). Then this request in pending request. Traveler can see the pending request.		
Stakeholders	Traveler	Priority	Medium

2.1.8: Traveler can rate the guide

FR-09	Traveler can rating to the guide		
Description	Traveler can rating the guide if they hired the guide or attended the tour. Rating range must be 1 to 5. Traveler can ratings the guide only one time for every tour or every hire.		
Stakeholders	Traveler	Priority	Low

2.1.10: Traveler can find a Guide

FR-10	Traveler can find a Guide		
Description	Traveler can search a guide by area basis. From drop down menu, traveler can choose a district and then he will see the guide list. Traveler can search a guide by place / area name.		
Stakeholders	Traveler	Priority	High

FR-11	Traveler can see guide profile		
Description	Traveler can see the guide profile, rating, traveler comment, previous guide, tour experience and other information. But they can't see guide phone number or email address.		
Stakeholders	Traveler	Priority	High

2.1.12: Traveler can send a hiring request

FR-12	Traveler can send a hiring request.		
Description	Traveler must provide additional information about how people will going with them, their age, for how many days he want to hire, start date, end date, budget amount. Traveler can ask any question and also can give offer. Before send request, Traveler must be login the system.		
Stakeholders	Traveler	Priority	High

2.1.13: Guide Registration

FR-14	Guide Registration		
Description	Guide must registration the system using unique email, password, name, address and location. In future, Guide can't change her register email address. Without registration, they can't enter the guide panel and can't use guide facilities.		
Stakeholders	Guide	Priority	High

2.2 Data Requirements

To direct data gathering efforts and ensure that meetings with others, on whom you depend for model information, are productive, it may be useful to prepare a specific list of questions that identify the data needed.

- Route data locations
- Capacity and resources of the data requirements
- Data availability schedules
- Quantity of data
- Data source sequence

2.3 Performance Requirements

It is very important to maintain performance of any software system. To ensure performance, we need to maintain some steps. Now, I will explain some perspective by which we are going to enhance the performance of the project.

2.4 Dependability Requirements

The term dependability is measured based on four dimensions. Such as:

- Availability
- Reliability
- Safety
- Security

If we want to say that our application system is dependable then it must fulfill the four dimensions. But there are other tasks. Like there is no way to make mistakes or our system should have the ability to detect and then remove errors.

2.4.1 Reliability Requirements

Now, I will mention requirements which is related to reliability and availability.

RAR-1	The system must be available on 24 X 7		
Description	• Our system must be available all day long, every day in a week • The system must be updated regularly • System must be malware free		
Stakeholders	Guide, Traveler	Priority	Medium

2.4.2 Availability Requirements

To ensure robustness and fault-tolerance facilities to the end users, it is urgent to ensure 0% crash. Moreover, it must show accurate results.

RFT-1	The system handles all user access without system errors		
Description	Hundreds of user may hit our application system at a time. All their requests must be handled without any fault.		
Stakeholders	N/A	Priority	High

2.5 Maintainability and Supportability Requirements

Supportability requirements may have related to some extends. Like:

- Testability
- Extensibility
- Adaptability
- Maintainability
- Serviceability
- Install ability

Chapter 3

Requirement Analysis

3.1 Use Case Diagram

We have use case diagram. And there are three actors, Traveler, Guide and Admin. And those

Are already indicated to this use case diagram. This diagram will clarify our system in brief.

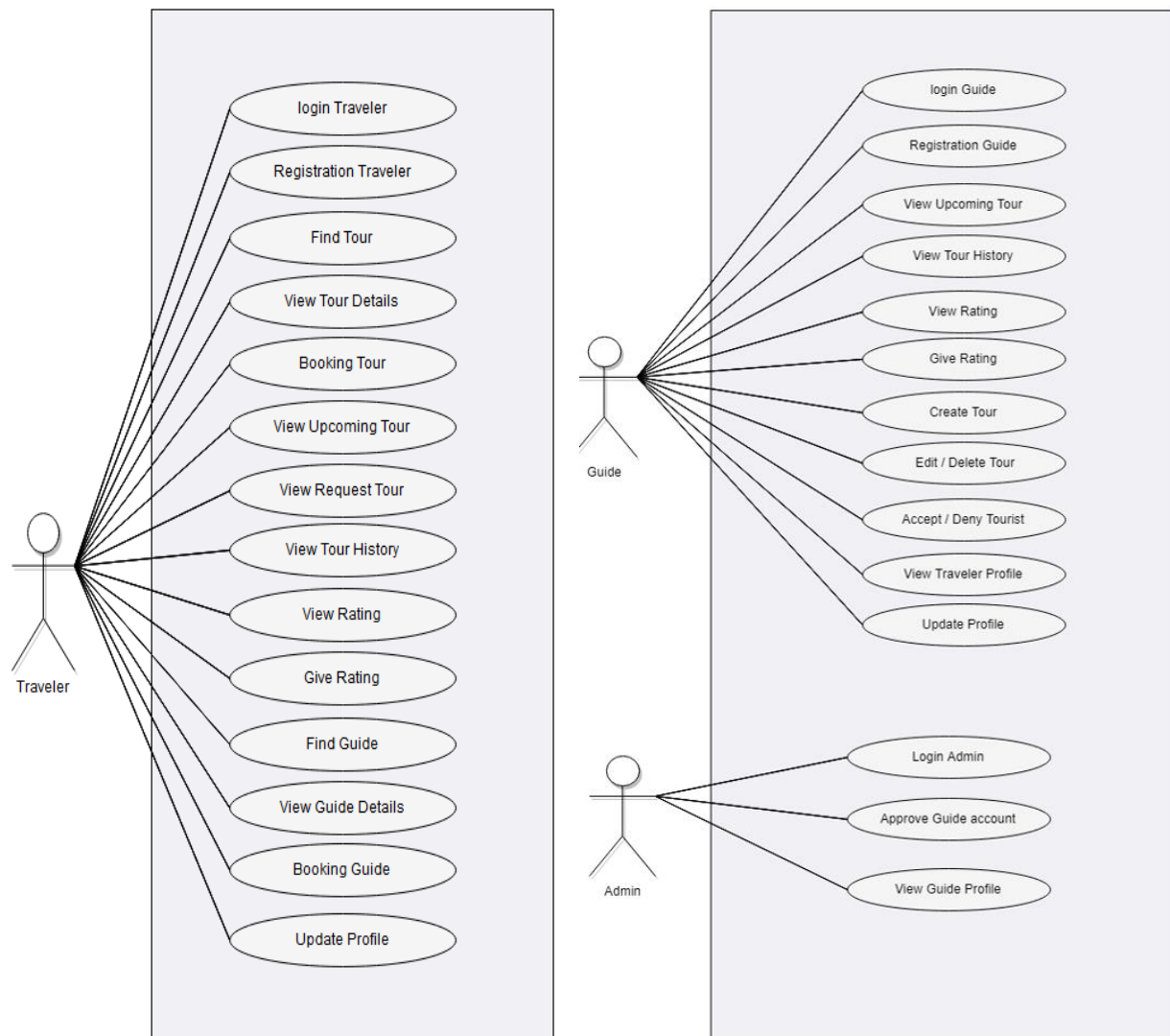


Figure 3.1: Use Case diagram for “Local Tourist”

Use case diagram show about the traveler attributes and limitation, it show the traveler work process and how can a traveler use this application, they can do many thing about “Local Tourist” Application. And this use case diagram show their opportunity

3.1.1 Registration

Use Case Title	Registration	
Goal	Traveler must be registration the system.	
Preconditions	Registration data have to be genuine	
Success End Condition	Registration done by a traveler or guide	
Failure End Condition	Registration can't done by a traveler or guide	
Primary Actors: Secondary Actors:	Traveler System	
Trigger	After click registration button, field will open	
Description Main Success Scenario	Step	Action
	1	Registration data have to be solid
	2	Traveler and guide both have to be registered
	3	Illegal data can't accept for registration
Alternative Flows	Step	Branching Action
	1a	Traveler a can't registered
	2a	Illegal data can accept for registration
Quality Requirements	Step	Requirements
		N/A

3.1.2 Login

3.1.3 Find a Tour

3.1.4 Find a Guide

Use Case Title	Find a Tour	
Goal	Traveler view tour details	
Preconditions	Traveler must login the system	
Success End Condition	After successfully login traveler view the tour details.	
Failure End Condition	Traveler can't view the tour details.	
Primary Actors: Secondary Actors:	Traveler	
Trigger	After click tour details button, it shows tour details.	
Description Main Success Scenario	Step	Action
	1	Traveler login the system
	2	Traveler can find a tour
	3	Traveler can view tour details
Alternative Flows	Step	Branching Action
Use Case Title	1a	Traveler can't find tour
Use Case Title	Find a Guide	
Goal	Traveler will find a guide	
Preconditions	Traveler must entire the system	
Success End Condition	Guide will find by a traveler.	
Failure End Condition Secondary Actors:	Traveler can't find a guide.	
Primary Actors: Secondary Actors:	Traveler Guide	
Description	Step	ACTION
Trigger	After click find guide button, it shows guide list	
Main Success Scenario	1	After registration second step will login
Description Main Success Scenario	Step 2	After registration traveler and guide
	1	Traveler find guide
	2	Traveler can view guide details can't login the system
	3	Traveler can view guide profile
Alternative Flows	Step	Branching Action
Alternative Flows	1a	Traveler can't Login
	1a	Traveler can't find guide

	2a	Traveler book guide	both
Use Case Title	View Request Tour		
Quality Requirements			
Goal	Traveler can see their requested tour		
Preconditions	Traveler must login the system		
Success End Condition	After request tour, traveler can see their requested tour.		
Failure End Condition	Traveler can't see their requested tour.		
Primary Actors: Secondary Actors:	Traveler		
Trigger	After press button traveler can see their requested tour.		
Description Main Success Scenario	Step	Action	
	1	Traveler can login the system	
	2	Traveler can request tour	
	3	Traveler can see their requested tour	
Alternative Flows	Step	Branching Action	
	1a	Traveler can't view their requested tour	
	2a	Traveler can view their requested tour	
Quality Requirements	Step	Requirements	
		N/A	

3.1.5 View Request Tour

3.1.6 Give Rating

3.1.7 View Guide Details

3.1.8 View Tour History

Use Case Title	View Guide Details	
Goal	Traveler view guide details	
Preconditions	Traveler must login the system	
Success End Condition	After successfully login traveler view the guide details.	
Failure End Condition	Traveler can't view guide details.	
Primary Actors: Secondary Actors:	Traveler Guide	
Trigger	After click guide details button, it shows guide details.	
Description Main Success Scenario	Step	Action
	1	Traveler login the system
	2	Traveler can find a guide
	3	Traveler can view guide details
Alternative Flows	Step	Branching Action
	1a	Traveler can't find guide

Use Case Title	View Tour History	
Goal	Traveler can see guide tour history	
Preconditions	Traveler must login the system	
Success End Condition	Before booking guide, traveler can see the guide tour history.	
Failure End Condition	Traveler can't see the guide tour history.	
Primary Actors: Secondary Actors:	Traveler Guide	
Trigger	After press tour history button, traveler can see the tour history	
Description Main Success Scenario	Step	Action
	1	Traveler login the system
	2	Traveler can book a tour
	3	Traveler can see guide tour history.
Alternative Flows	Step	Branching Action
	1a	Traveler can't rating.

Alternative Flows	1a	Traveler can't view traveler tour history.
Quality Requirements	2a	Traveler can view guide tour history.
Quality Requirements	Step	Requirements
		N/A

3.1.12 Booking Guide

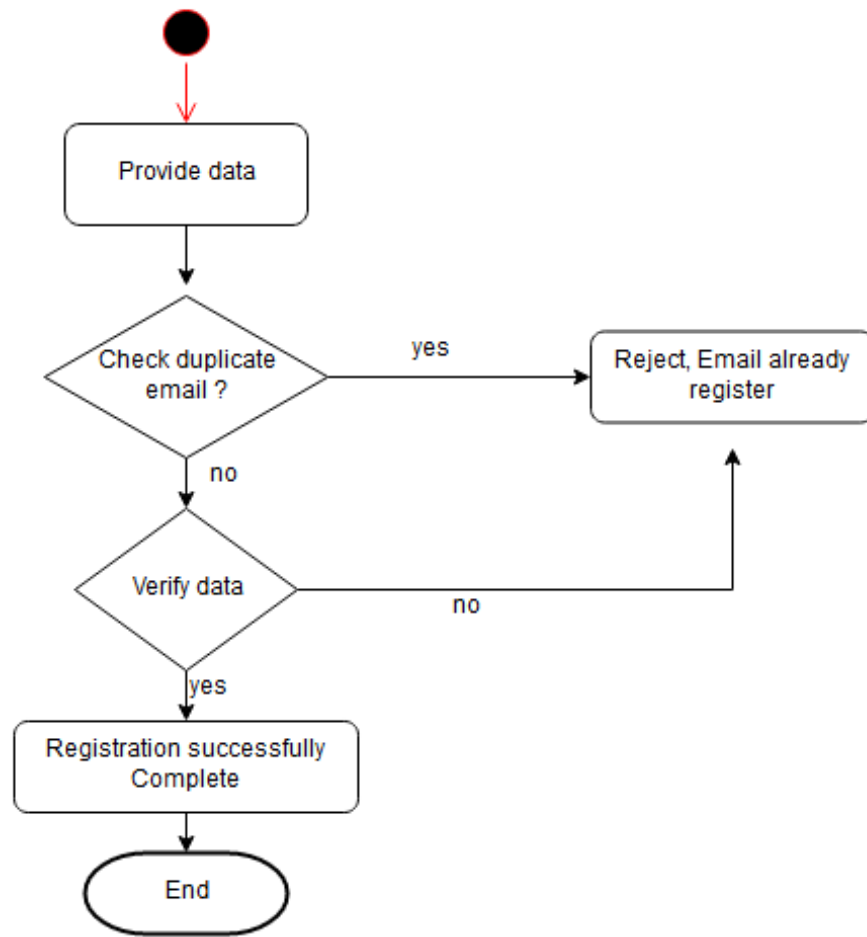
3.2 Activity Diagram

We have prepared some activity diagram according to our use case. These activity diagrams Are properly referring the flow of the individual conditions of our project.

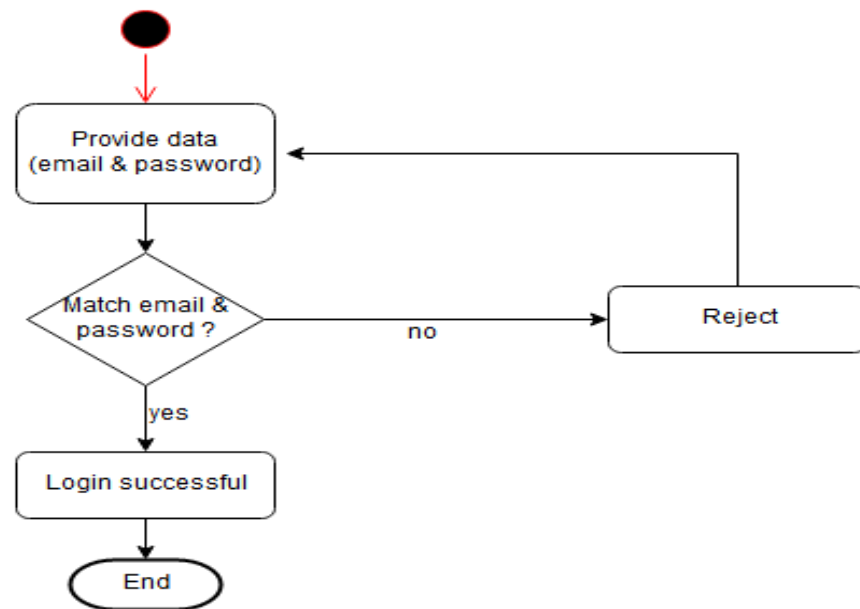
3.2.1 Registration Traveler

Use Case Title	Booking Guide	
Goal	Traveler book a guide	
Preconditions	Traveler must login the system	
Success End Condition	After login traveler can book a guide.	
Failure End Condition	Traveler can't book a guide.	
Primary Actors: Secondary Actors:	Traveler Guide	
Trigger	After click guide profile, it shows guide details.	
Description Main Success Scenario	Step	Action
	1	Traveler can find a guide
	2	Traveler can view guide details
	3	Traveler can book the guide
Alternative Flows	Step	Branching Action
	1a	Traveler can't book a guide
	2a	Guide booked by a traveler
Quality Requirements	Step	Requirements
		N/A

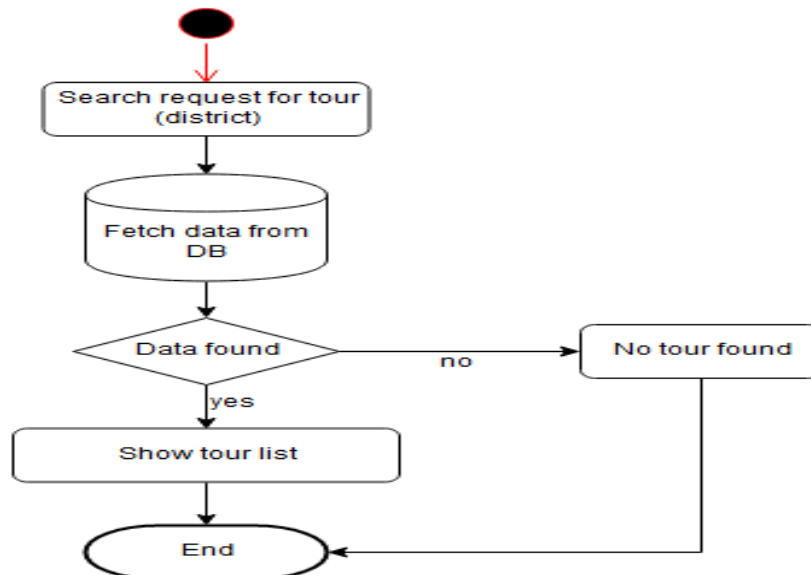
3.2. Traveler Registration



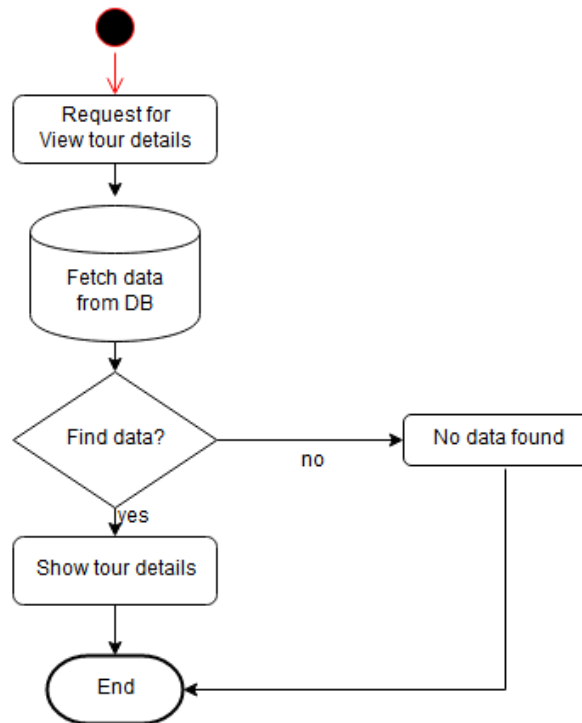
3.2.2 Login



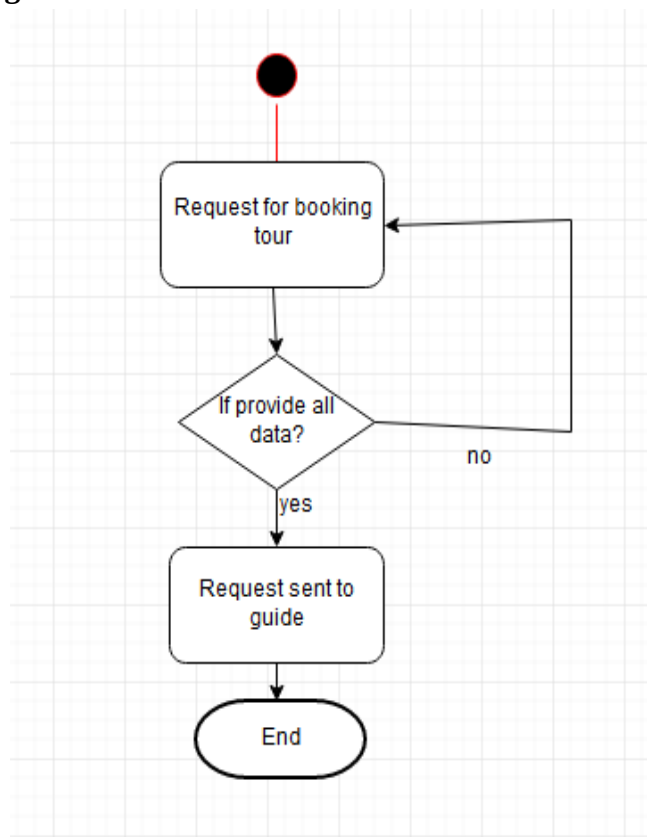
3.2.3 Find Tour



3.2.4 View Tour Details

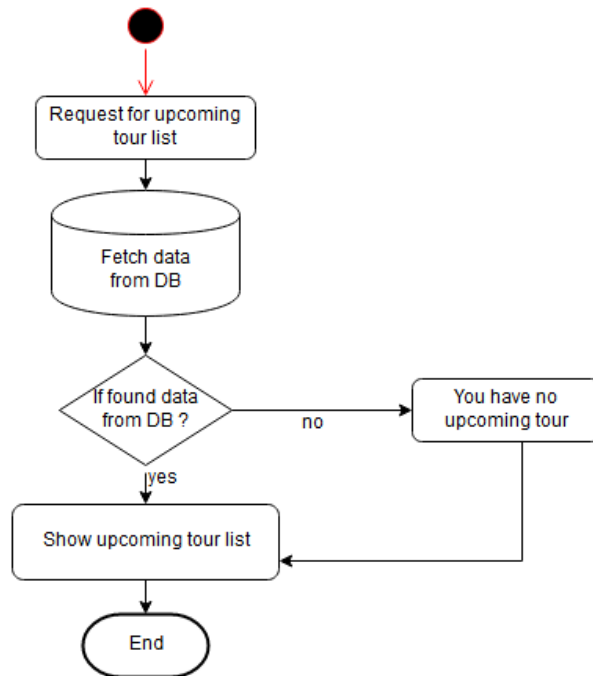


3.2.5 Booking Tour

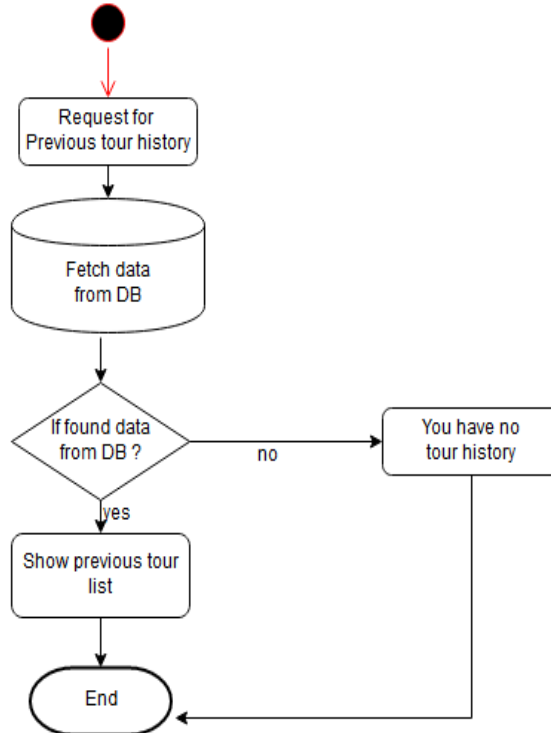


3.2.6

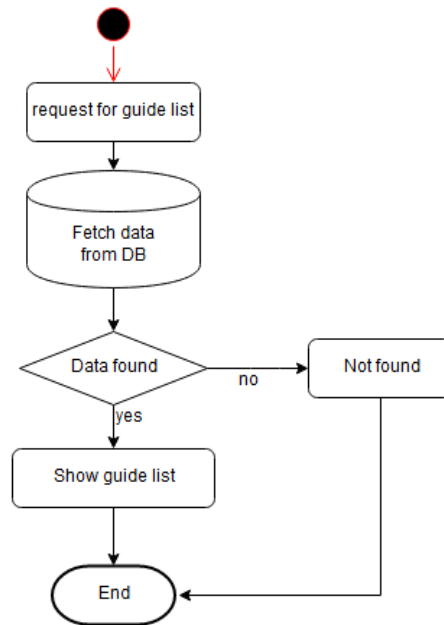
View Upcoming tour



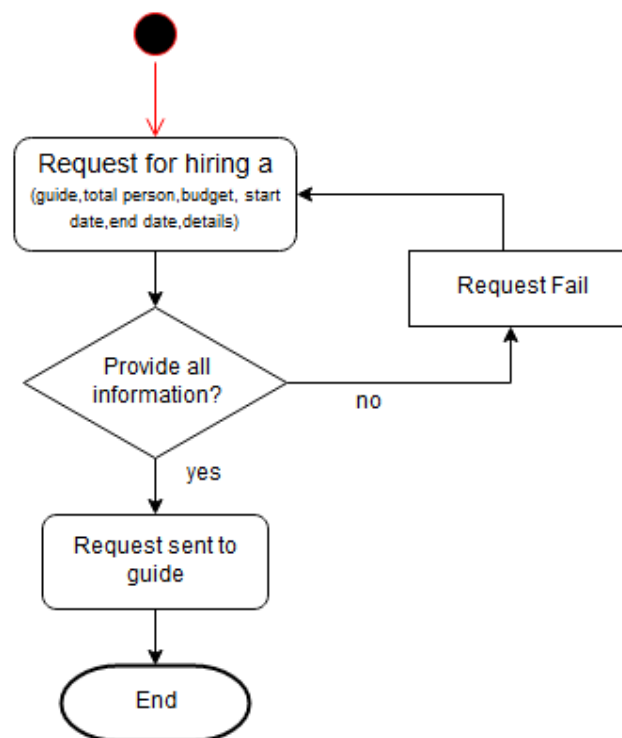
3.2.7 View previous tour history



3.2.8 Request for guide



3.2.9 Request for hiring a guide

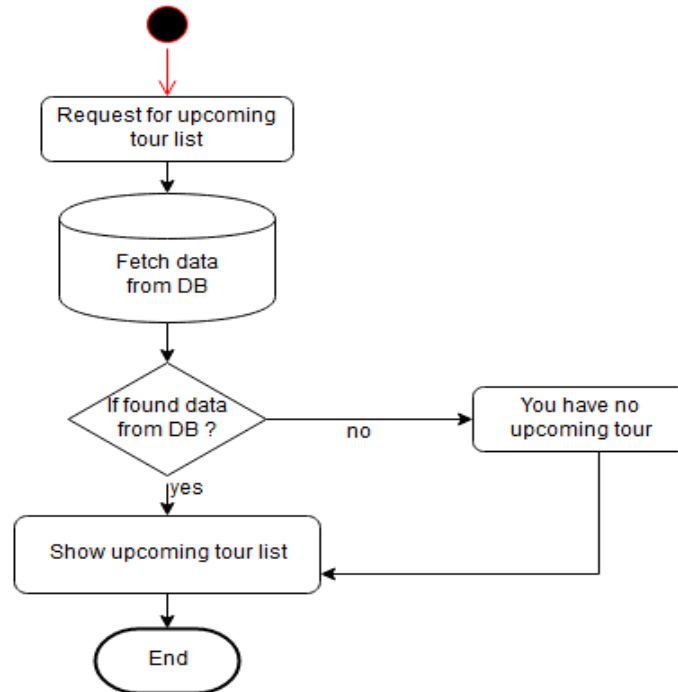


3.2.19

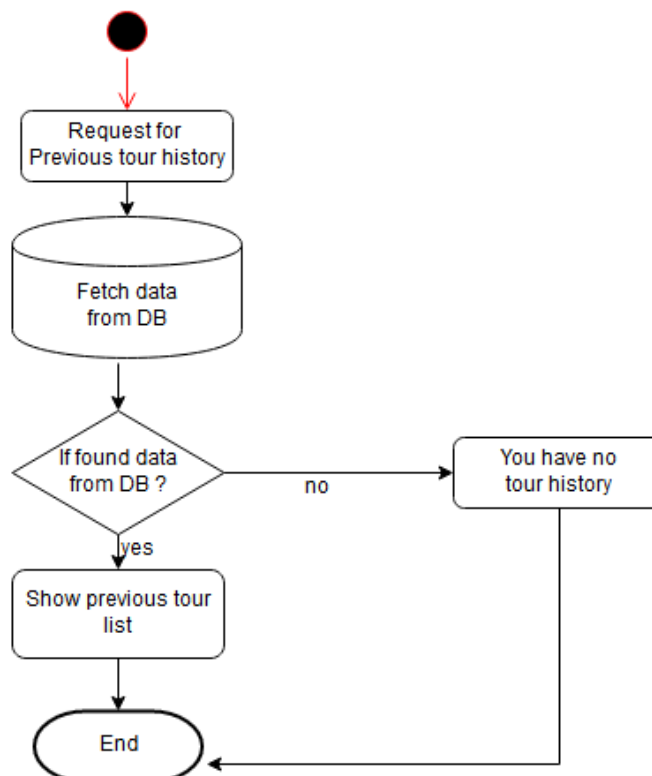
See

upcoming

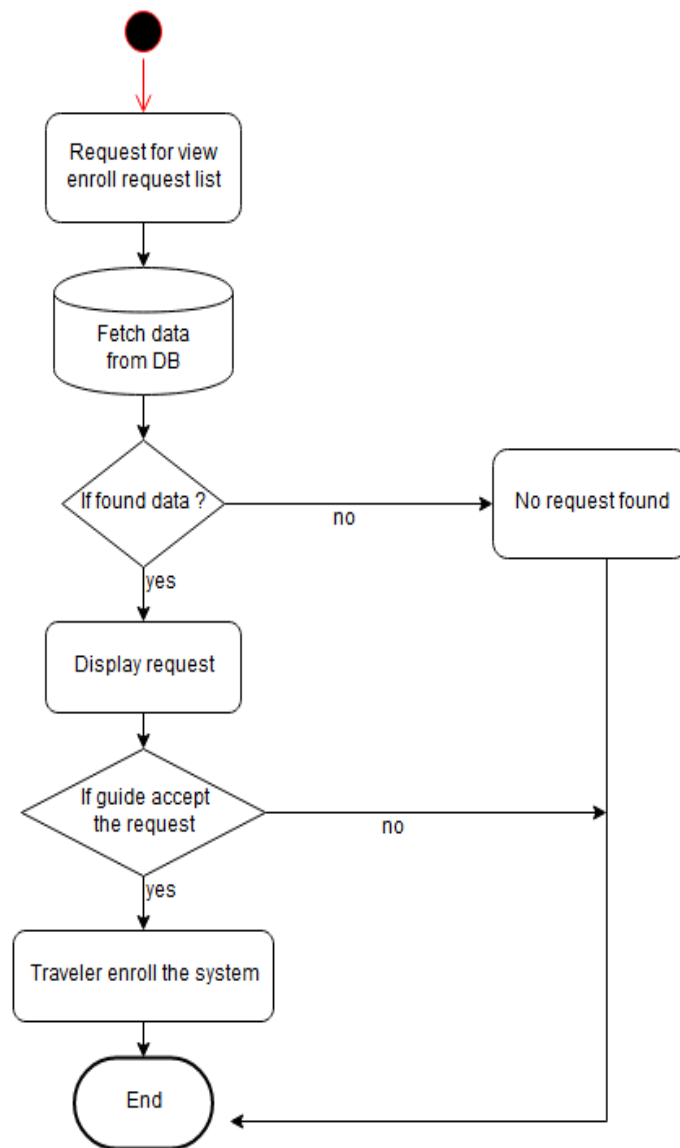
tour



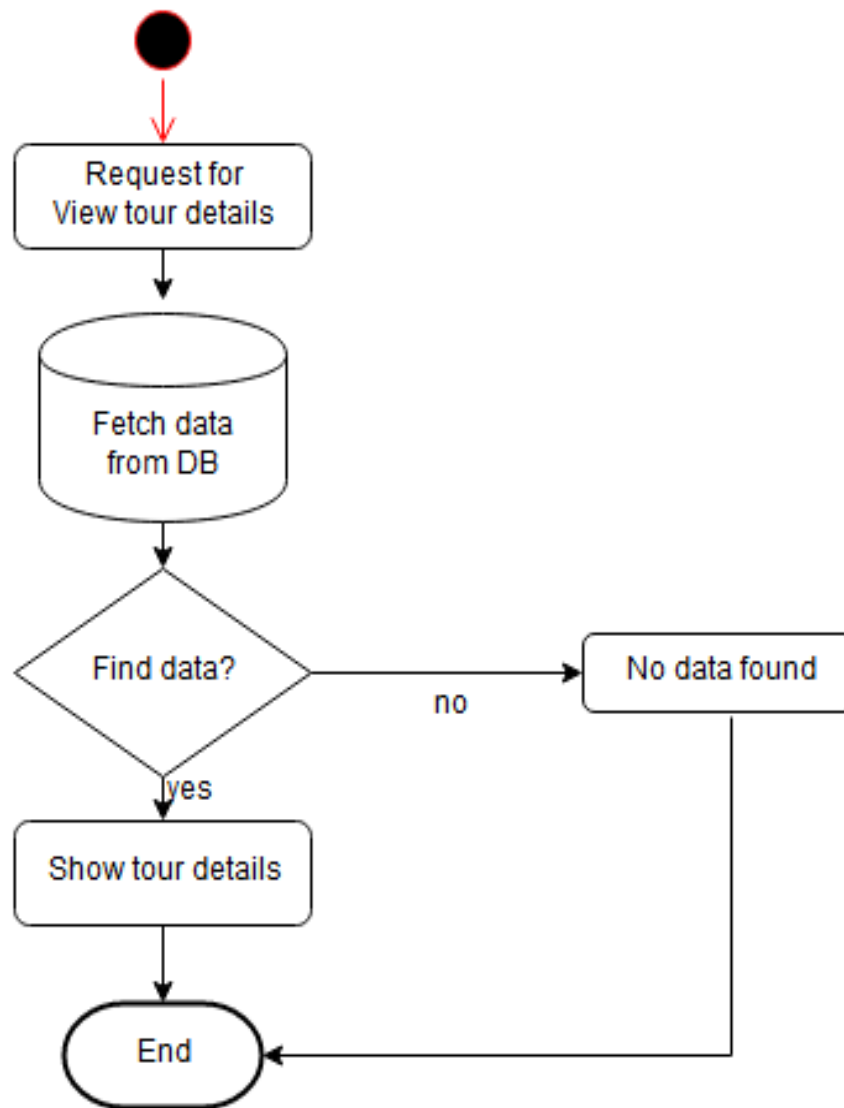
3.2.10 View tour history



3.2.11 booking tour



3.2.19 View tour Details

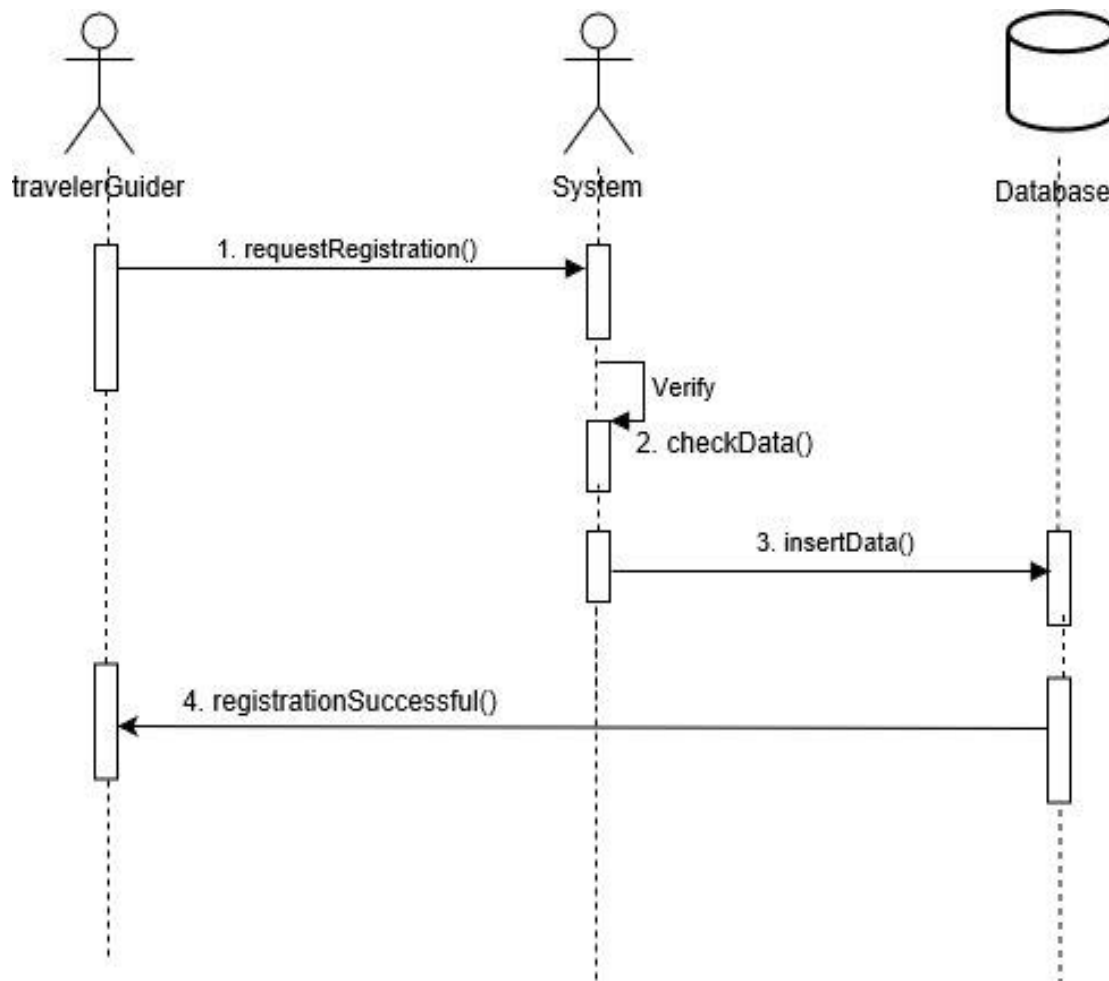


3.3 Sequence Diagrams

Mainly sequence diagrams understand us how the data will be followed in any application. Now we are going to show some sequence diagrams.

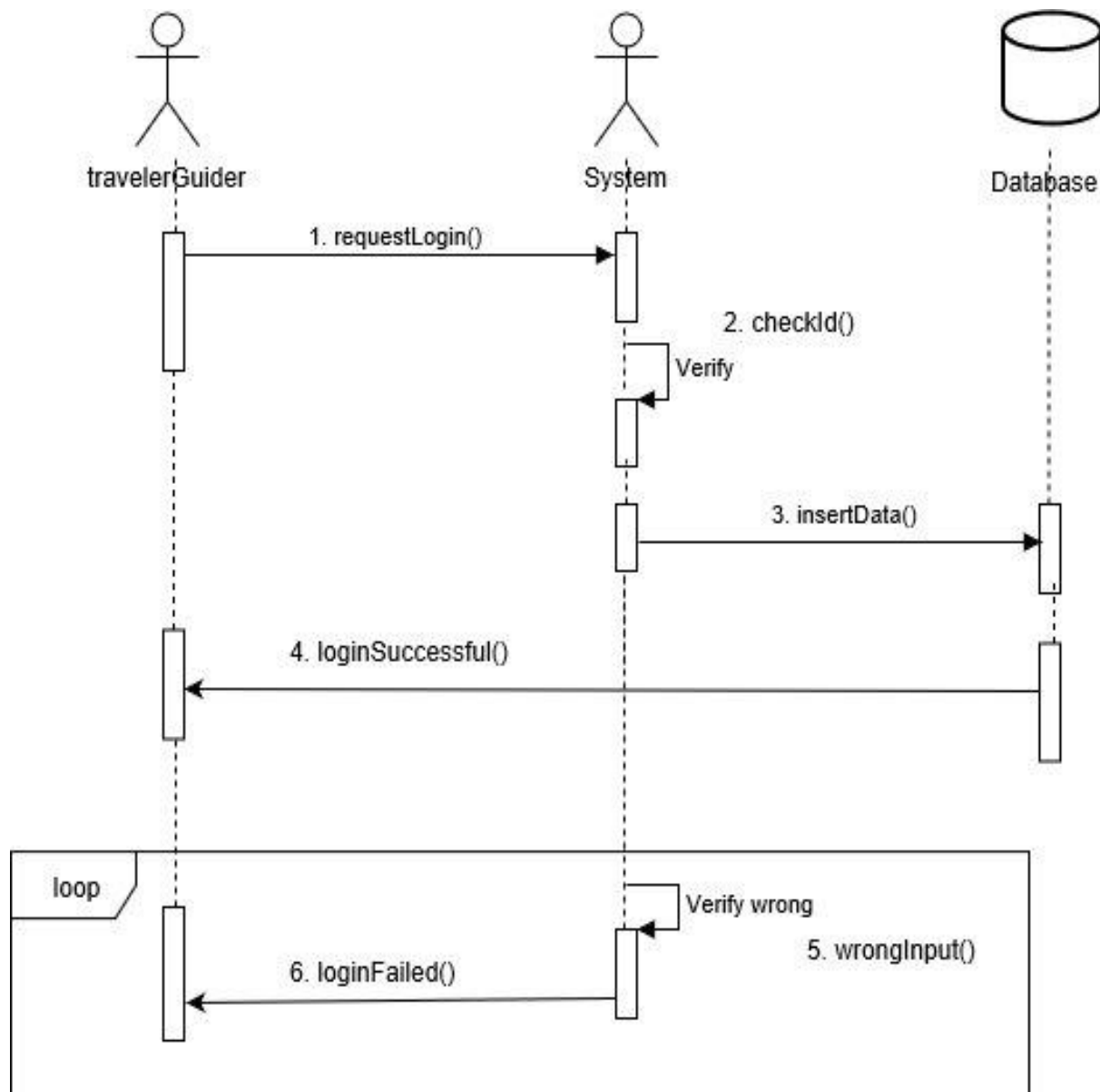
3.3.1 User Registration

User must be registration for access to the system.



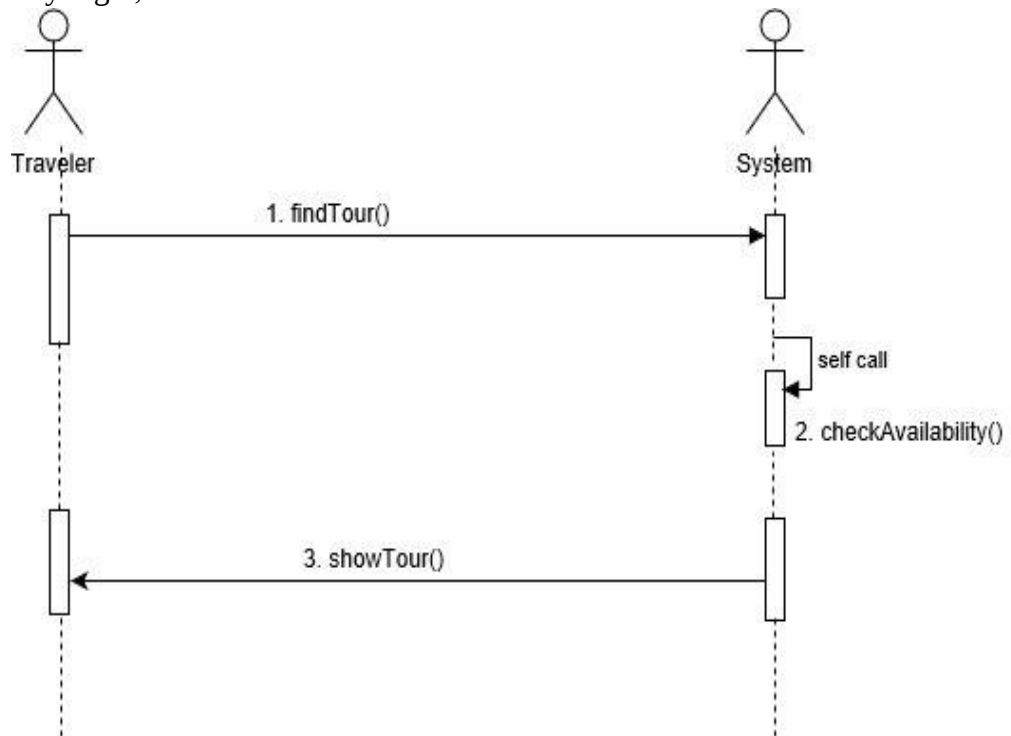
3.3.2 User Login

User must be login to the system for guide booking or searching tour.



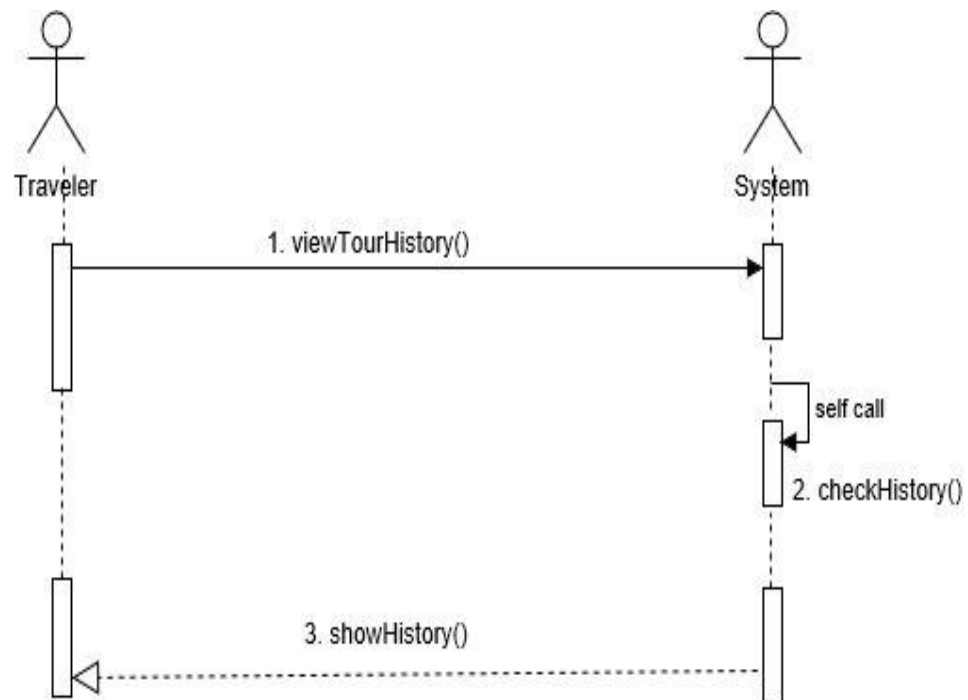
3.3.3 Find Tour

After successfully login, user can search tour and find a tour.



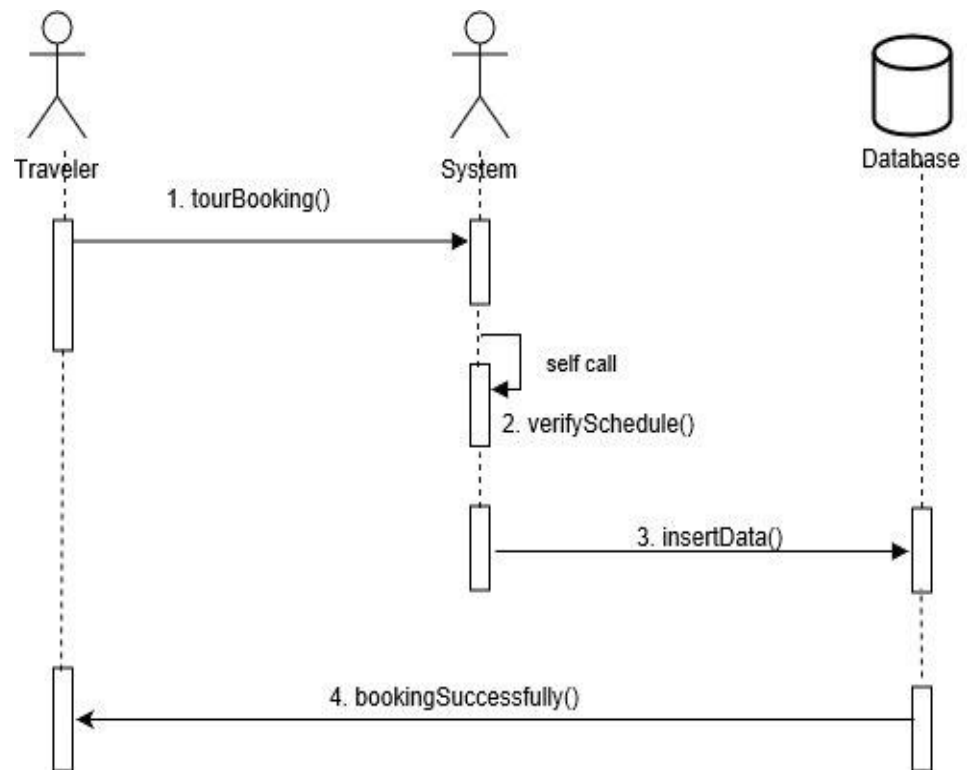
3.3.4 View Tour Details

After find tour, traveler can see the tour details.



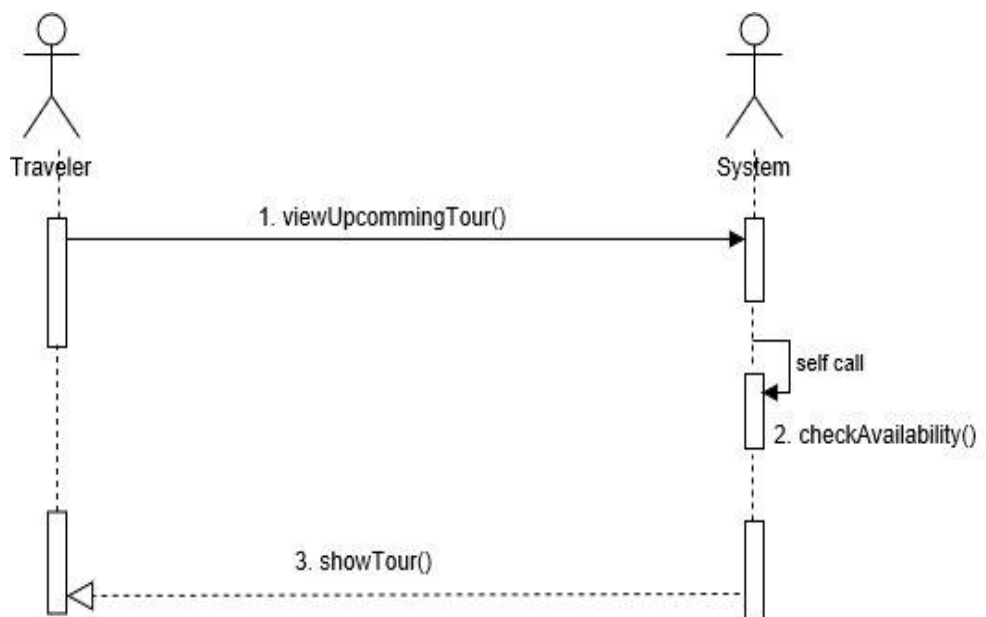
3.3.5 Book Tour

After find tour, and view tour details, traveler can be book the tour.



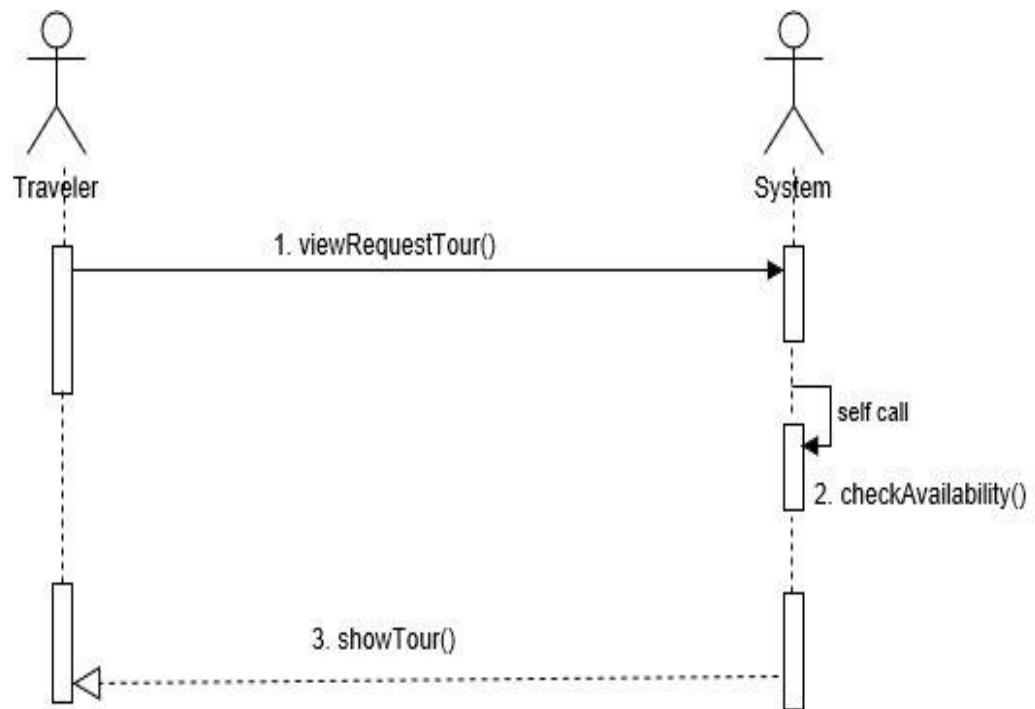
3.3.6 View Upcoming Tour

After login in the system, traveler can view upcoming tour and the tour create by admin.



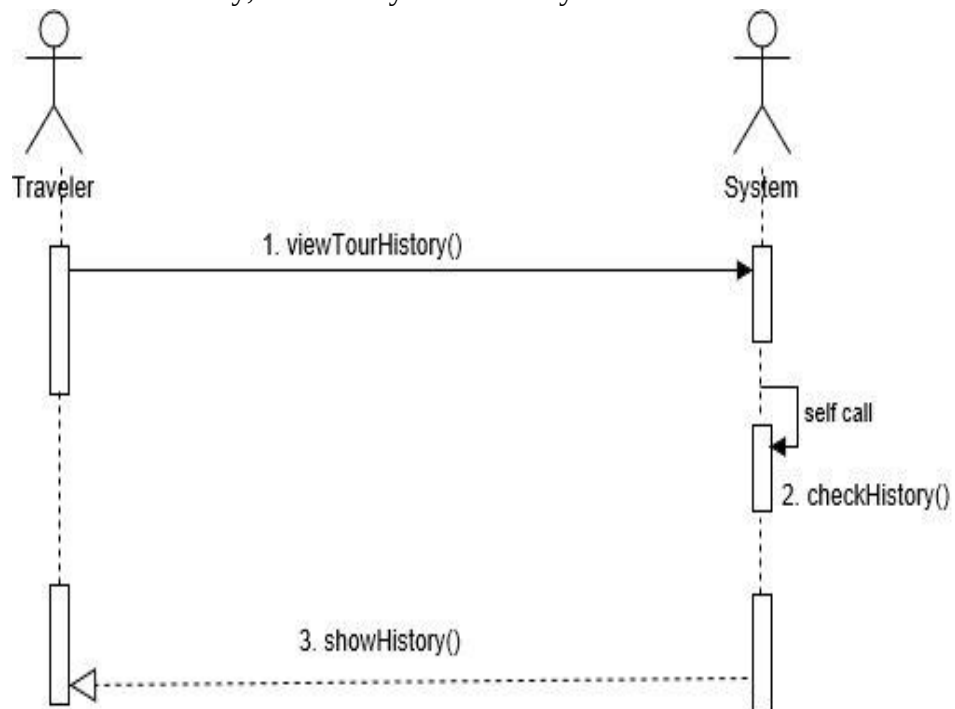
3.3.7 View Request Tour

Traveler can view their requested tour,



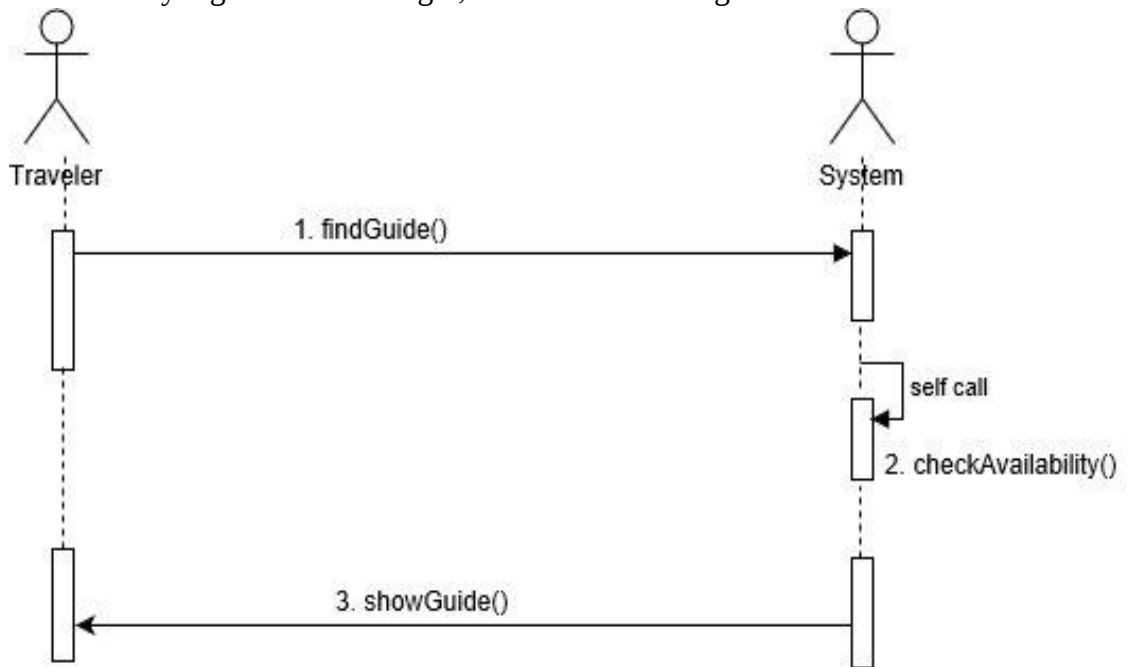
3.3.8 View Tour History

Traveler can view their tour history, which they have already done.



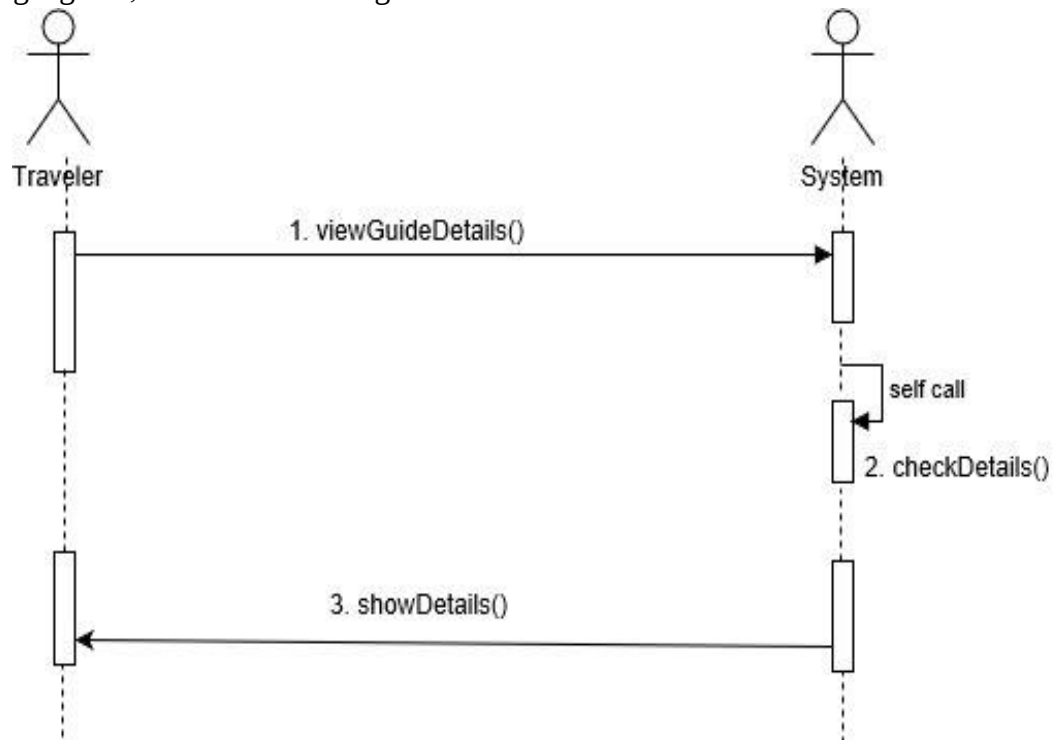
3.3.10 Find Guide

After successfully registration and login, traveler can find a guide.



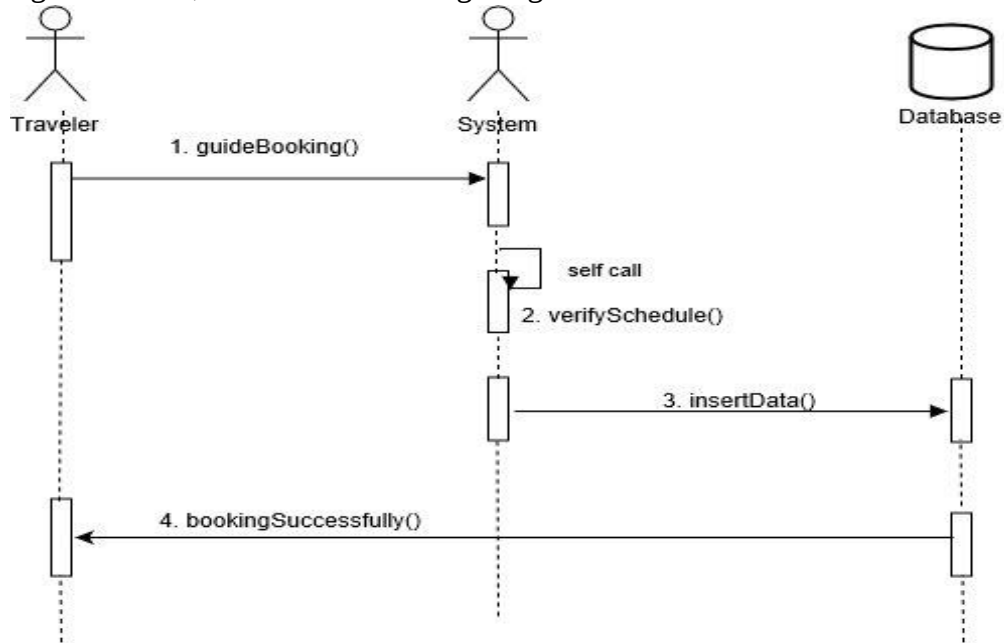
3.3.11 View Guide Details

After hiring a guide, traveler can view guide details.



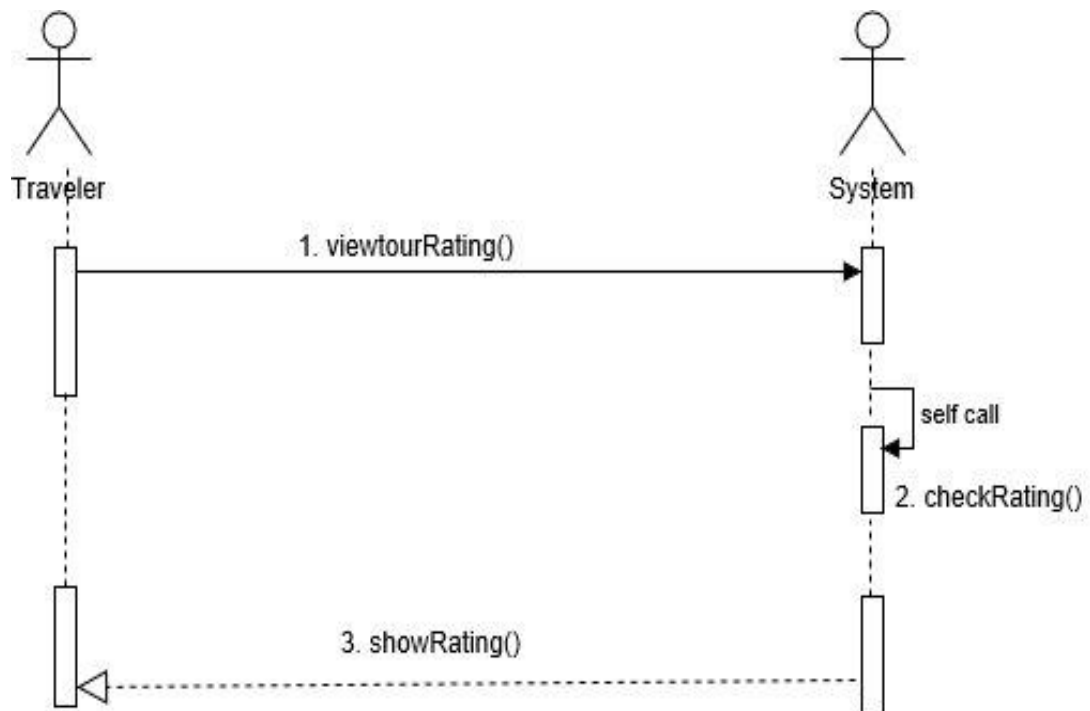
3.3.12 Booking Guide

After view guide details, traveler can booking the guide.



3.3.17 View Tour Rating.

Before hiring a guide, traveler can see guide previous tour rating.



Chapter 4

System Design Specification

4.1 Development tools and technology

Many of Development tools use for our “Local Tourist” application, for Mobile application we use java, php, MySQL,SQLite

4.1.1 User Interface Technology

Mobile and Web application interface create by Android XML and HTML, CSS also, we are design the application in two part, mobile and web.

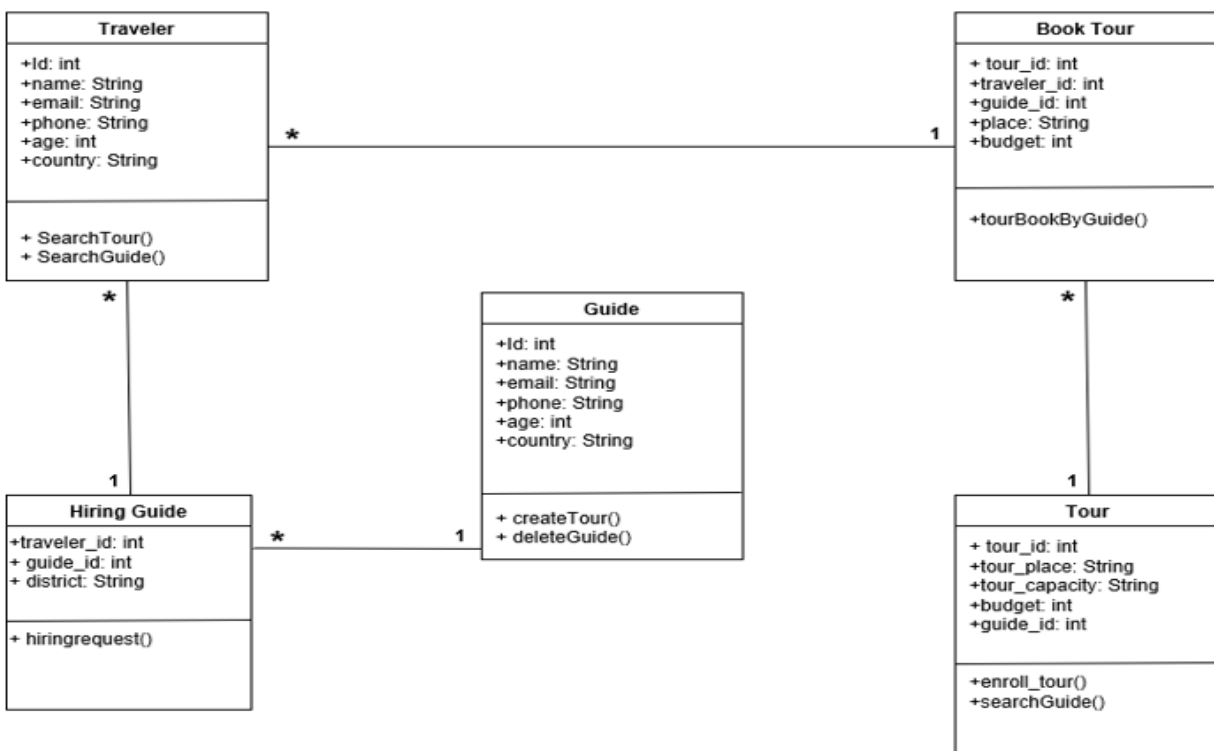
4.1.1.3 Programming Language

Programming language is an essential part of building any application, we Java and PHP for deployment, Java for mobile application and PHP for web application.

4.1.2 Implemented tools and platform

Beside the choosing programming language there is also need to select some tools for developing software. And also we use for our application, for mobile application we use Android Studio, and for web application we use notepad++

4.2 Class Diagram



4.3 Database Design Diagram

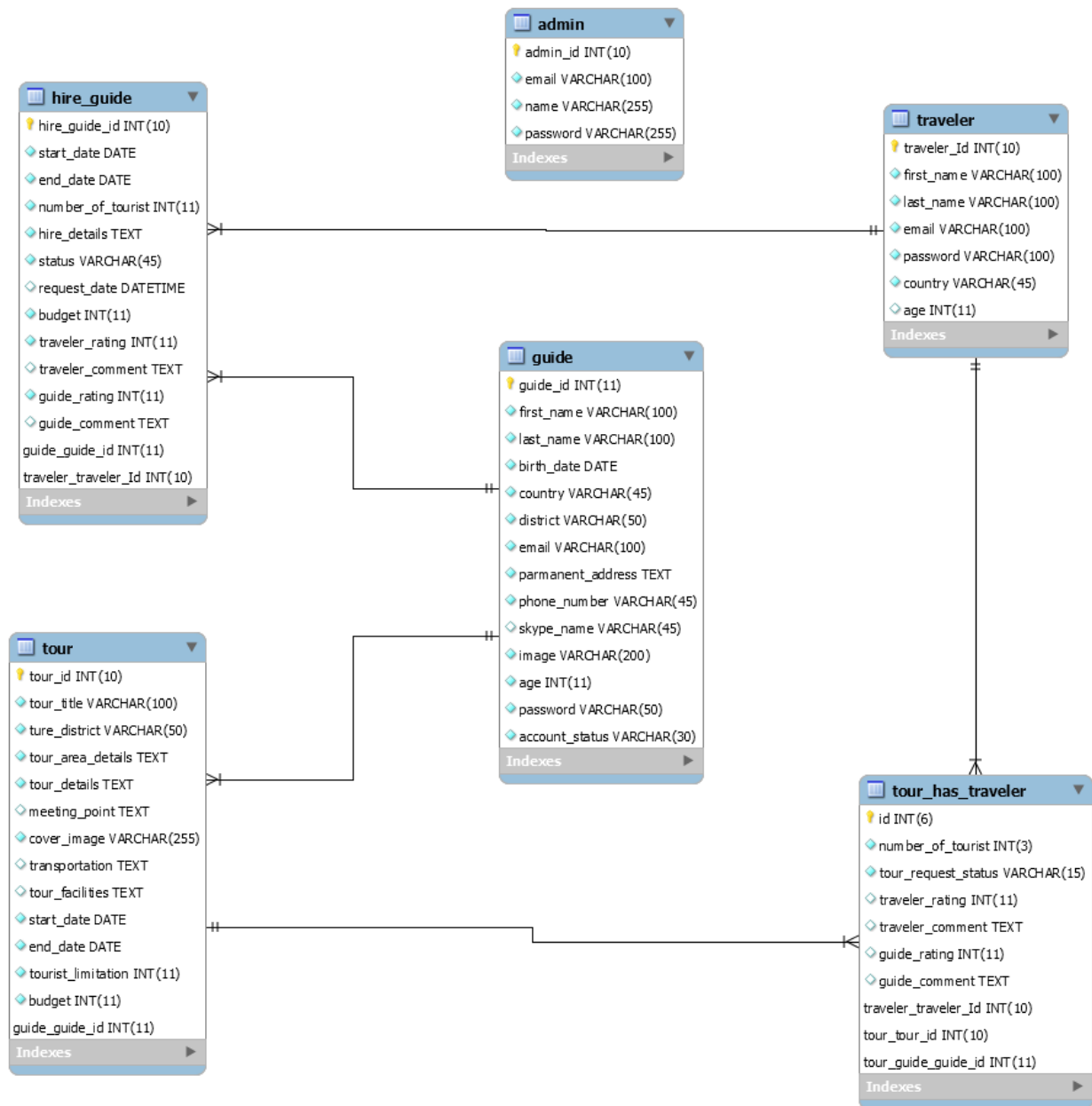


Figure 4.2: Database Diagram

Chapter 5

System Test

5.1 Testing Features

We are testing our application during making, without testing an application or anything can't be proper. We are tested our system and during deployment time we do also. Black box, white box, user testing we do.

5.1.1 Features to be tested

Features	Priority	Description
Login	High	User must be authenticated by login
Logout	Medium	Session must be destroyed after logout
Registration	High	registration the system mandatory
Create tour	High	Guide can create a tour
Update profile	Medium	Guide can update their profile
Hiring guide	High	Traveler can hire a guide
Enroll Request	High	Both are enroll the system
Find Tour	High	Traveler will find the tour
Find Guide	High	Traveler will find the guide
Approve Guide profile	High	Admin will approve guide request

5.2 Black Box Testing

We test our application by random person who doesn't know about our application and they also don't know the code also. They just open the app and use randomly.

5.2.1 White Box Testing

We test our application by engineer and me also, deployment time I see the each and every line code and run the application and its work properly, so I can see the code and I know the system which I making.

5.2.2 Pass / Fail Criteria

Pass or fail criteria will be set by the test engineers. They will prepare the pass / fail criteria on

The basis of which input data are worked and which are not works. Those data that are Worked well will considered as pass criteria. And rest of input data will be considered as fail Criteria.

5.3 Test Cases

A test case is a document, which has a set of test data, preconditions, expected results and post conditions, developed for a particular test scenario in order to verify compliance against a specific requirement. Test Case acts as the starting point for the test execution, and after applying a set of input values, the application has a definitive outcome and leaves the system at some end point or also known as execution post condition.

5.3.1 Login

Test Case #1		Test Case Name: Login		
System: Local Tourist		Sub-System:		
Designed by: Maksudur Rhman Maruf		Designed date:		
Executed By: Ashraful islam		Executed date:		
Short Description: The registered traveler login to the System. And before login, System will check the authentication and authorization.				
Pre-Condition: - Traveler, admin, guide login the system using registered email and password, and redirect to dashboard. But if wrong can't enter the system. - Assume that, email ' sheiblu@yahoo.com ' and password is '123456'.				
Step	Action	Response	Pass / Fail	Comment
1	Unregistered email and password. (email: aim@gmail.com Password: 1234)	User not found.	Fail	Wrong data entry
2	Using wrong password. (email: sheiblu@gmail.com Password: 1234)	Wrong password.	Fail	Wrong password
3	Using registered email and password (email: sheiblu@gmail.com Password: 123456)	Successfully login the system and redirect to dashboard.	Pass	Valid data entry
Post-Condition: Traveler, admin, guide will successfully login to the system.				

5.3.2 Registration

Test Case #2		Test Case Name: Registration		
System: Tour by local		Sub-System:		
Designed by: : Maksudur Rhman Maruf		Designed date:		
Executed By: Ashraful islam		Executed date:		
Short Description: Traveler, Guide must fill up unregister email, password and another mandatory field for registration.				
Pre-Condition: Every required fields must be filled up by the user (guide, traveler).				
Step	Action	Response	Pass / Fail	Comment
1	All require fields are not filled up.	Warning, Must fill up all fields.	Fail	Not fill all field
2	All require fields are filled up.	Registration successfully complete.	Pass	Valid data entry
3	Use registered email for registration.	Email already registered.	Fail	Duplicate data
Post-Condition: Every information is saved to the database of the system.				

5.3.3 Hiring guide

Test Case # 3		Test Case Name: Hiring guide		
System: Tour by local		Sub-System:		
Designed by: : Maksudur Rhman Maruf		Designed date:		
Executed By: Sheimul Mahmud		Executed date:		
Short Description: When traveler wants to hire a guide, he/she sent hiring request to the guide with fill up mandatory fields.				
Pre-Condition: • Traveler must be login the system. • Traveler must provide budget, max people, and other mandatory fields.				
Step	Action	Response	Pass / Fail	Comment
1	Provide all hiring information.	Your request successfully sent to the guide.	pass	Valid data entry
2	All hiring require fields are not filled up.	Please fill up all fields.	Fail	Invalid data entry
Post-Condition: Request save the database and guide can see the request.				

5.3.4 View Upcoming Tour

Test Case # 4		Test Case Name: View Upcoming Tour		
System: Tour by local		Sub-System:		
Designed by: : Maksudur Rhman Maruf		Designed date:		
Executed By: Khan Ahmed Hossain		Executed date:		
Short Description: Traveler and guide may need to see their upcoming tour. When the tour start date is less than 7 days, guide and traveler see the upcoming tour.				
Pre-Condition: - User must be login the system. - Tour start date is less than 7 days.				
Step	Action	Response	Pass / Fail	Comment
1	Check upcoming tour list when your tour start date is greater than 7 days.	List is empty.	Fail	Invalid data entry
2	Check upcoming tour list when your tour start date is less than 7 days.	Display upcoming tour list.	Pass	Invalid data entry
3	Tour start day is already over.	List is empty.	Fail	Invalid data entry
Post-Condition: List will be shown until tour start.				

5.3.5 Find Tour

Test Case #		Test Case Name: Find Tour		
System: Tour by local		Sub-System:		
Designed by: : Maksudur Rhman Maruf		Designed date:		
Executed By:		Executed date:		
Short Description: Traveler can search a tour using district name and see the tour list of current search district.				
Pre-Condition: • Traveler must provide a district name. • System must provide a tour list and those tour is arrange in searching district. • Traveler must be login the system.				
Step	Action	Response	Pass / Fail	Comment
1	Select a district name.	Display the search list	pass	valid data entry
2	Traveler not select a district.	Please select a district.	pass	valid data entry
3	No tour found in current district.	Display an empty list. And show no tour found	fail	Invalid data entry
Post-Condition: Traveler can see the tour details and enroll the system. And request sent to the guide.				

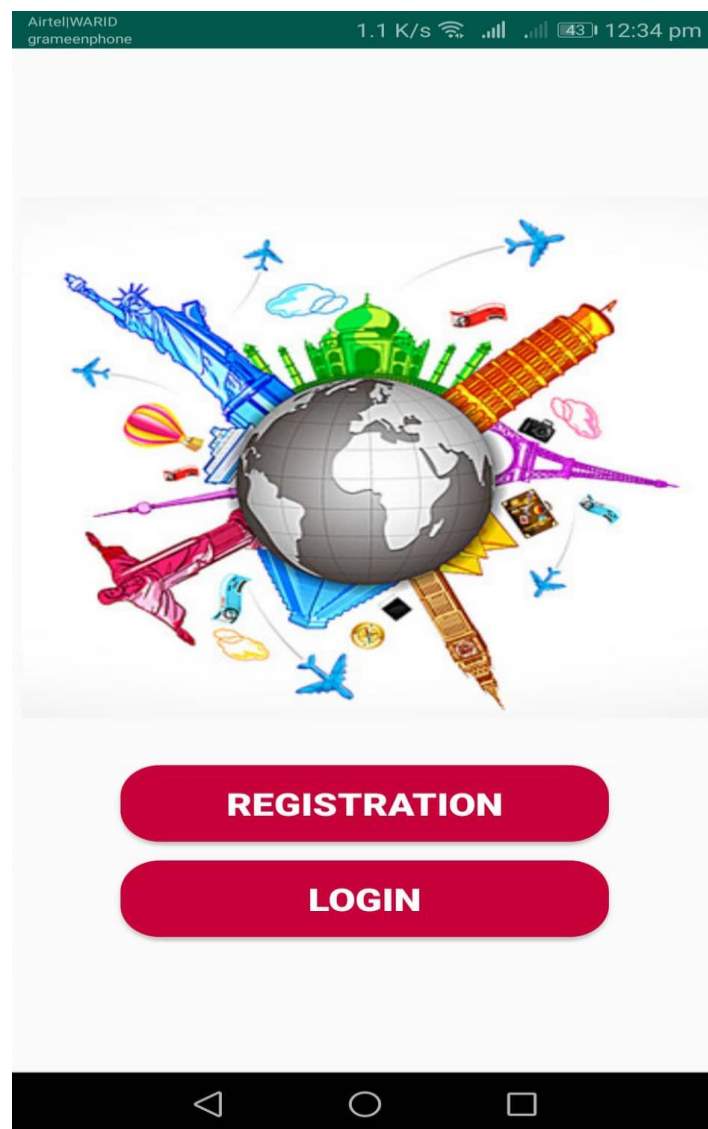
5.3.6 Find Guide

Test Case #6	Test Case Name: Find Guide			
System: Tour by local	Sub-System:			
Designed by: : Maksudur Rhman Maruf	Designed date:			
Executed By: Mamun hossain	Executed date:			
Short Description: Traveler can search a guide using district name and see the Guide list of current search district.				
Pre-Condition: • Traveler must provide a district name. • System must provide a guide list who are living search district.				
Step	Action	Response	Pass / Fail	Comment
1	Select a district name.	Display the guide list	Pass	valid data entry
2	Travelers not select a district.	Please select a district.	fail	Invalid data entry
3	No guide found in current district.	Display an empty list. And show no guide found.	fail	Invalid data entry
Post-Condition: Traveler can see the guide profile and request for hiring guide. And request sent to the guide.				

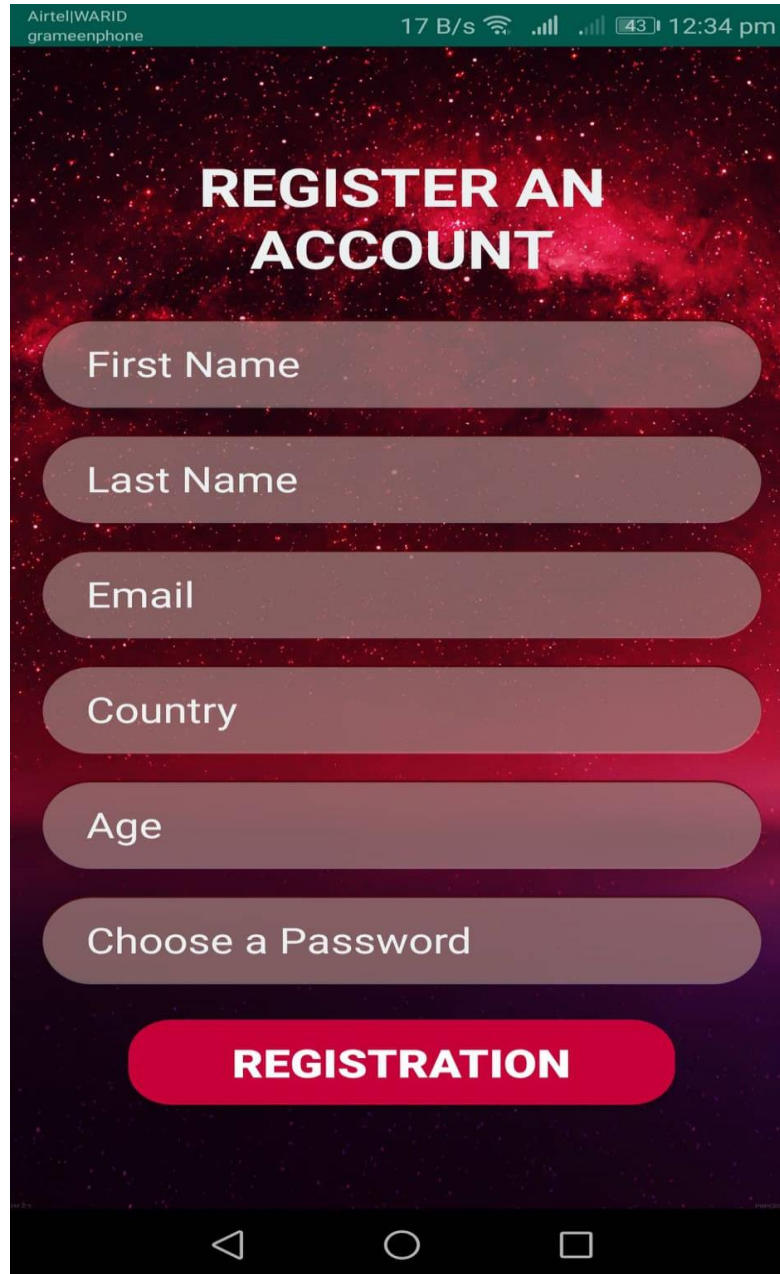
Chapter 6

User Manual

6.1 Flash Screen



6.2 Registration Page



A mobile application registration page with a red starry background. The page features a title 'REGISTER AN ACCOUNT' in white bold text. Below the title are six input fields with rounded corners and a light red background, each containing a label in white text: 'First Name', 'Last Name', 'Email', 'Country', 'Age', and 'Choose a Password'. At the bottom of the form is a red button with the word 'REGISTRATION' in white bold text. The top of the screen shows a status bar with 'Airtel|WARID grameenphone', '17 B/s', signal strength icons, a battery icon at 43%, and the time '12:34 pm'. The bottom of the screen shows a black navigation bar with three white icons: a triangle, a circle, and a square.

Airtel|WARID
grameenphone

17 B/s

12:34 pm

REGISTER AN ACCOUNT

First Name

Last Name

Email

Country

Age

Choose a Password

REGISTRATION

6.2 Registration Page

6.3 Login Page

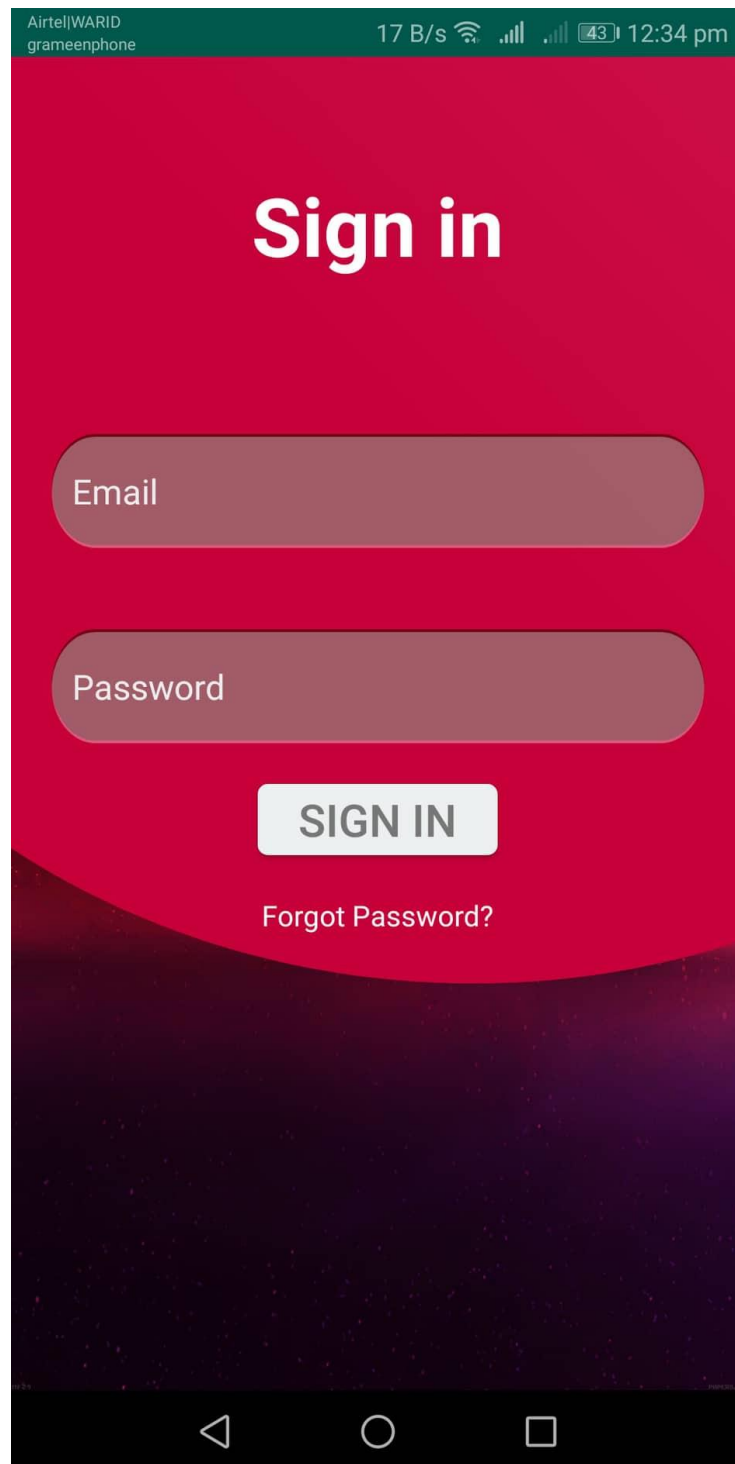


Figure 6.3 Login Page

6.4 Tour List

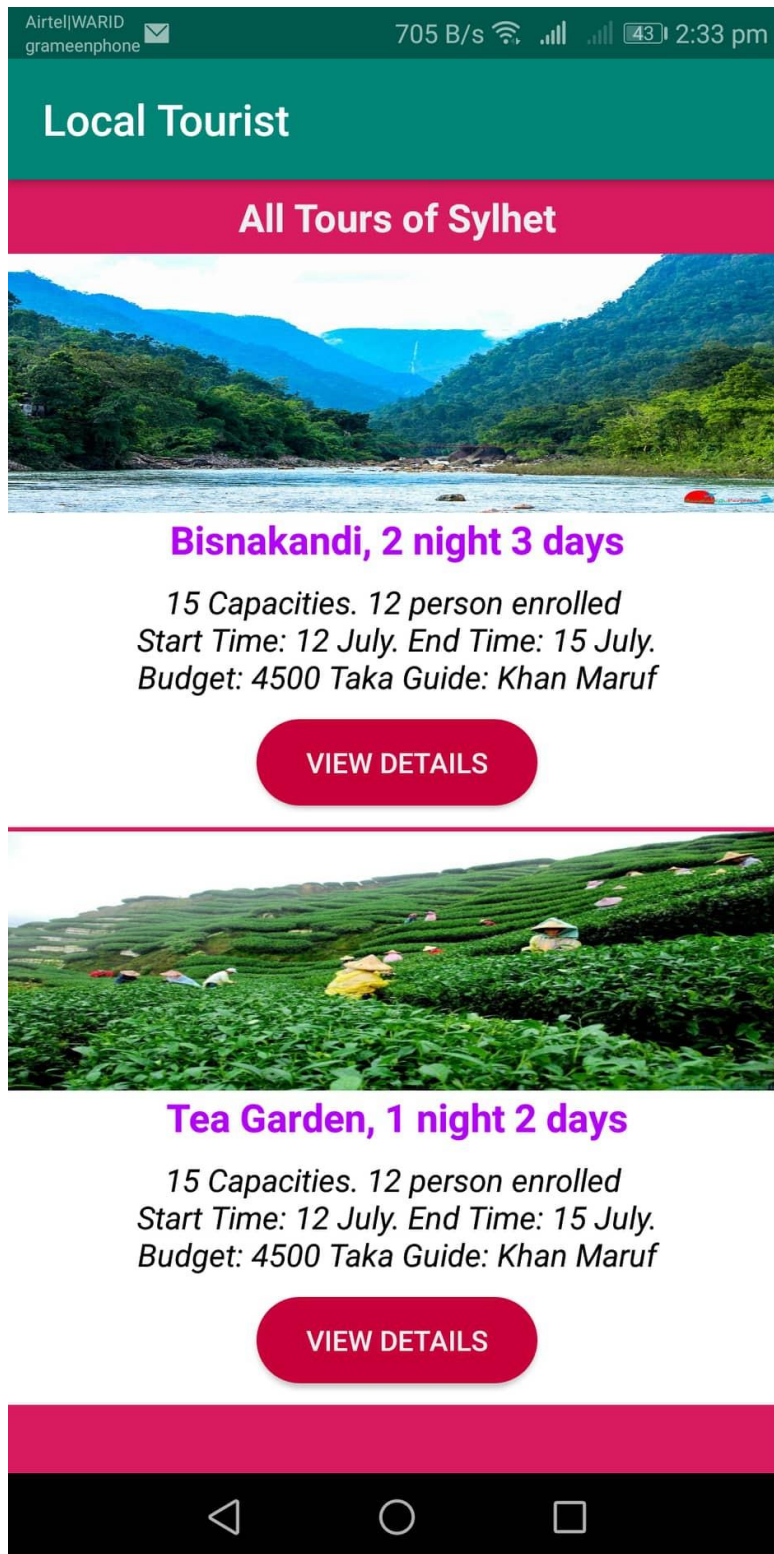


Figure 6.5 Tour List

6.5 Tour Details

Airtel|WARID
grameenphone

80 B/s

42

12:50 pm

dhaka



One 2 (1 Nights/ 2 Days)

Details.
The main targrove plants of the vibrant nature in its pristine setting and other wild animals.

You will enjoy every step in an adventure with stalking, boating or cruising and watching birds, animals and experience with unparalleled adventure in jungle safari far away from all the cares and pressure of civilization into the still existing natural world which is still colorful, violent and infinitely precious to the human spirit.

WHAT'S INCLUDED.
sightseeing at Sundarban forest.
- Forest revenue & entry fees.
- English Speaking Guide Charge.

WHAT'S EXTRA.
Private tourist launch with in Sundarban forest through rivers/canals.

TOURIST CAPACITY: 5

TOURIST ENROLLED: 06

START TOUR: 2019-05-14 **END TOUR:** 2019-06-01

MEETING POINT.
Private tourist launch with in Sundarban forest through rivers/canals.

Figure 6.5 Tour Details

6.5 Guide Search

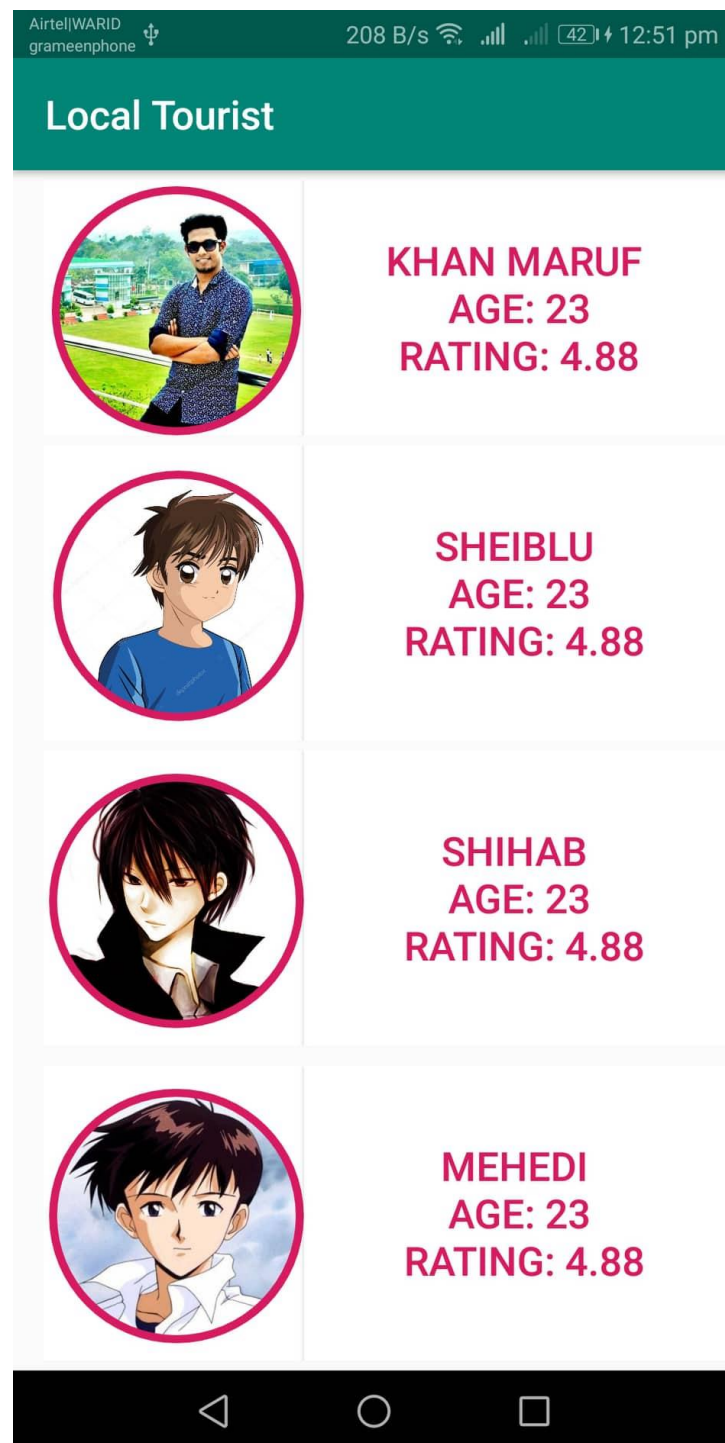


Figure 6.5 Guide Search

6.7 Guide Details

Airtel|WARID
grameenphone

1.4 K/s

12:51 pm

Local Tourist



KHAN MARUF

Contact with guide.
Age: 23
Address: Mirpur,Dhaka
Nationality: Bangladesh
Phone: 01711187538
Skype: khanmaruf.swe
Gmail: khanmaruf.swe@gmail.com

LANGUAGE.

BANGLA: 100% ENGLISH: 90%

TOURS GIVEN

167

BOOK THIS GUIDE

Figure 6.7 Guide Details

6.8 Tour Overview

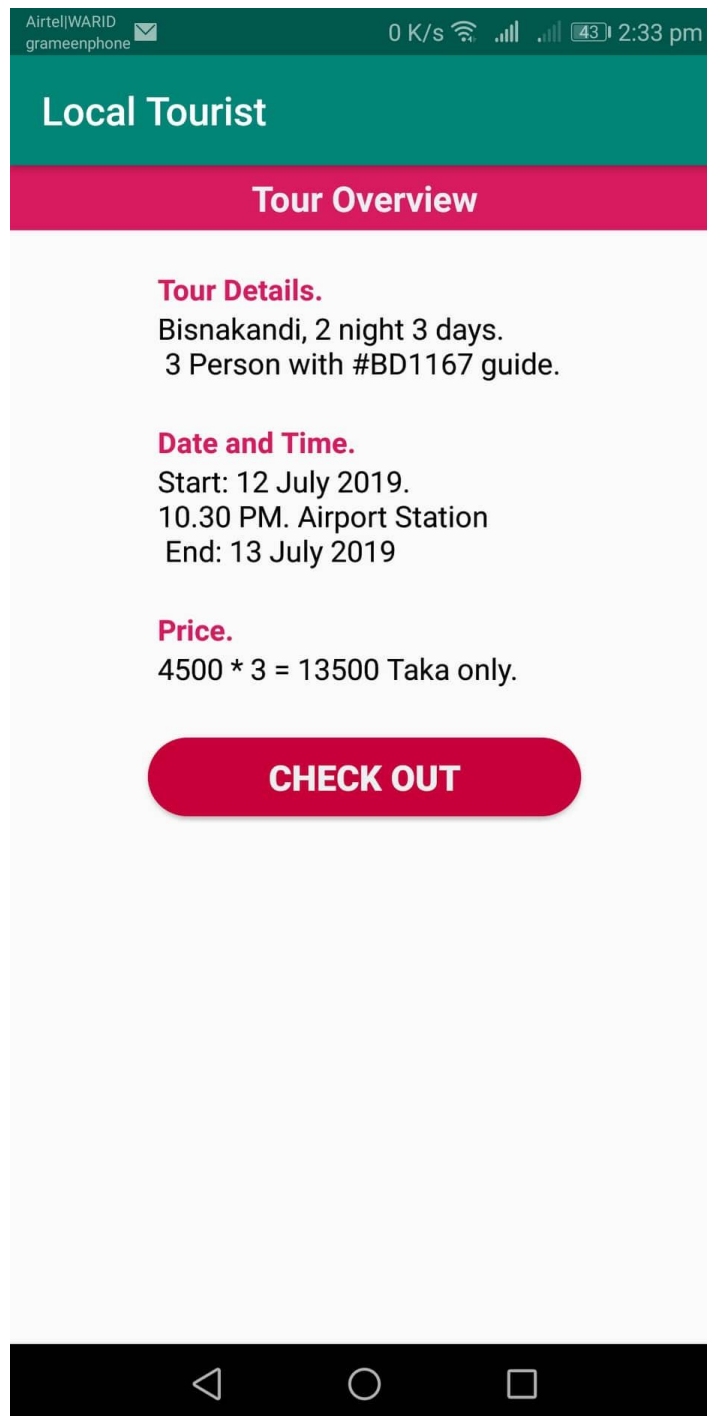


Figure 6.8 Tour Overview

Chapter 7

Conclusion

7.1 GitHub Link

https://github.com/maruf/local_tourist

7.2 Project Summary

The time when we started the development part it's in January. Like other projects, it is important to work hard, endurance, dedication, and concentration to complete the project. There are many reasons for the capitalization of the project development, such as the requirements of the stakeholder to be properly filled.

7.3 Limitations

For developing this project, I have faced some limitations. Now I will describe those in brief.

- **Payment Method:** We do not have any payment method directly in this application. So users can not make any payment transactions through our system. The user pays for him to use our system.
- **No Mobile Version:** In this system Guide and Admin has no mobile version.

7.4 Obstacles and Achievements

By doing this project we learn how to collect and analyze requirements. Brainstorming is a must for any project you're doing to make sure it's done. System analysis and database design that we learn about this project correctly. Our supervisor helps us at every step of this project Also there are some obstacles and achievement in our project and that is below:

- Requirements getting from stakeholders: There are three types of stakeholders in this system and everyone have different functionality. It would be better, if we could gather requirements from them directly.
- Scope Change: When we check the requirements then some features has been added and a few of feature get cutting. When it was needed we did brainstorming for that.

7.5 Future Scope

I learned a lot while finishing this project. To build and improve this project. I have met some young entrepreneurs and enthusiasts. I thank all of them very much.

Besides, I am grateful to them because I have been able to complete my project by adopting their important opinions and discussions. It will help me in the future to work with similar projects

7.6 References

- www.google.com
- www.youtube.com
- www.github.com
- www.wikipedia.com
- www.stackoverflow.com
- www.androidhive.com
- www.guru99.com