

A  
PROJECT  
ON  
**“TOUR & TRAVEL MANAGEMENT SYSTEM”**

M.Sc.( CA & IT ) Sem - 3



**Presented To**

Department of Computer Science  
Ganpat Vidyanagar , Kherva

**Presented By**

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# 1. Project Profile

<b>Project Definition</b>	Tour and Travel Management System
<b>Objective</b>	Main Objective of this system is to provide Online Registration, Tour Package Information, Ticket Booking, Online Payment and Searching Facility for Customer and also Generate Different types of Report.
<b>Front-end</b>	Microsoft ASP.Net 2010 with c# Framework 4.0.
<b>Back-end</b>	SQL Server 2008.
<b>Tools</b>	M.S.Office, Adobe Photoshop.
<b>Internal Guide</b>	Mr. Dhaval k. Raval.
<b>Submitted To</b>	Department Of Computer Science
<b>Developed By</b>	<ol style="list-style-type: none"><li>1. Patel Urvish k.</li><li>2. Rajput Sureshji R.</li></ol>

## 2. Existing System

- All Work are done Manually.
- In Manual Booking System Customer has to go to the Travelling office.
- Ask Inquiry for Travelling then Book ticket Finally Pay Payment & Collect Receipt.
- Difficult To Maintain the Customer Details of Package and Payment Receipt in Register.
- They Register Tour Package in the notebook.
- Add advertisement in Local newspaper or Local Market.
- Use Travelling Facility For the Limited Area or Person.

### **3. Need for New System**

- To Create Web Based Application For our Organization.
- To Provide Search Facility For Customer.
- To Generate Different Types of Reports.
- To Provide the online Ticket Booking and online Payment Facility For Customer.
- To Provide package Details.
- Customer Can Cancel the Booking then Return 15% Less Deduct From the Amount.

- Services provided by Tour and travels System.
  - VIEW PACKAGE
  - SEARCH PACKAGE
  - BOOKING
  - CANCEL BOOKING
  - ONLINE PAYMENT

# 4. Function Specification

➤ **Modules that will be there in the projects are :**

## ❖ Customer:

- Registration(Login)
- View package
- Search package
- Booking
- Give Payment
- booking Cancellation
- Give Feedback

## ❖ Admin:

- registration(Login)
- Manage User
- Manage Tour-package
- Manage Ticket Booking
- Manage Payment
- View Cancellation
- View feedback

## ❖ Visitor:

- View site
- Give feedback

## TRAVELER :-

- Registration
- Login
- manage tour
- Manage tour package cost
- Manage Bus(travels)

# User Specification

## **Admin:**

- admin can manage the user and receive package from traveler & package management.

## **Traveler:**

- Traveler create the package and give to admin.

## **Customer:**

- customer can view package and booking.

## **Visitor:**

- Visitor view side and give feedback.

# 5. Hardware & Software Specification

## ➤ Hardware Specification :

### ▪ Server Side:

<b>Processor</b>	2.0 GHZ
<b>RAM</b>	2 GB
<b>Hard Disk</b>	30 GB free space

### ▪ Client Side:

<b>Processor</b>	1.0 GHZ
<b>RAM</b>	512 MB
<b>Hard Disk</b>	2 GB free space



## ➤ **Software Specification :**

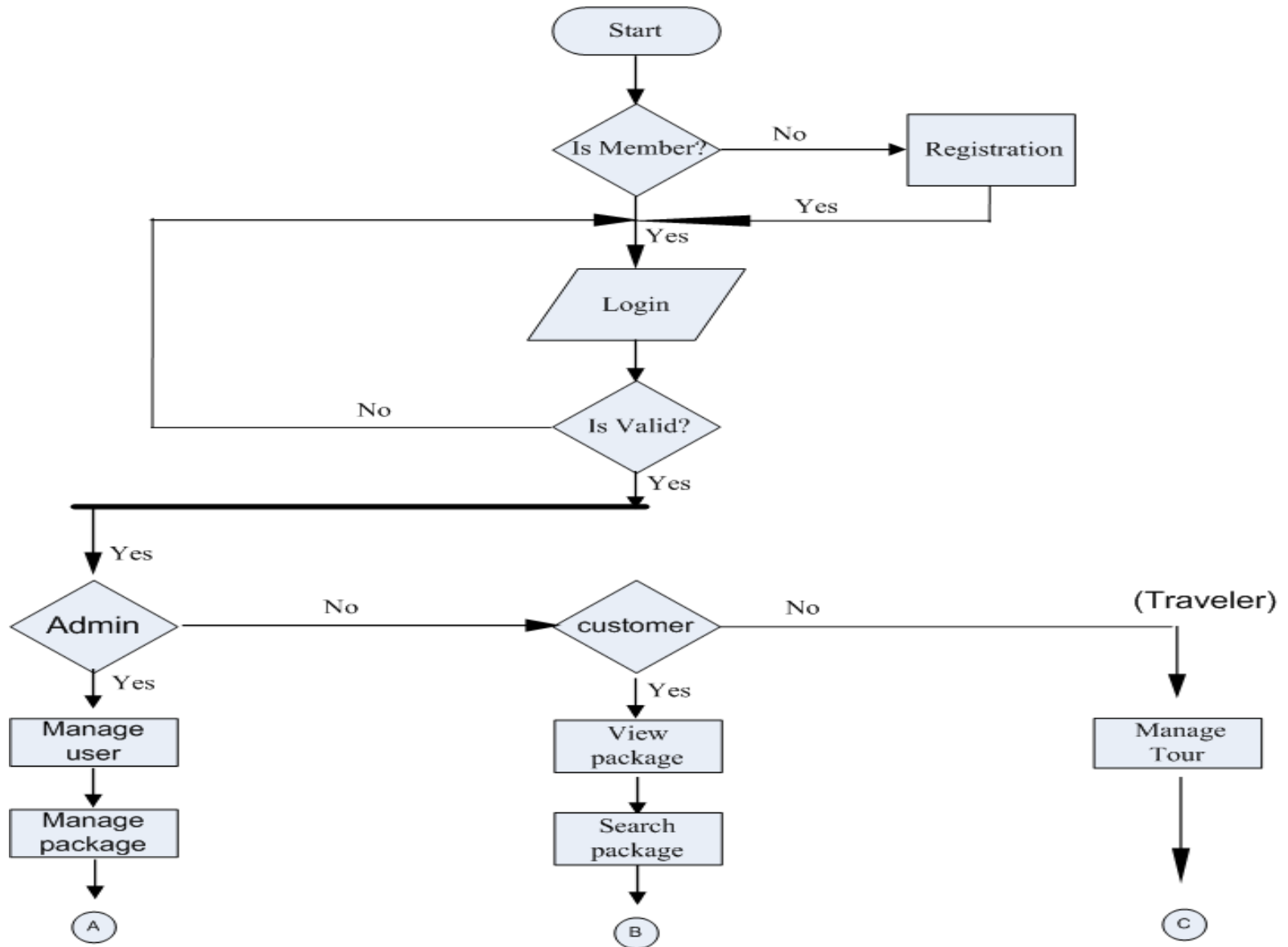
### ▪ **Server Side:**

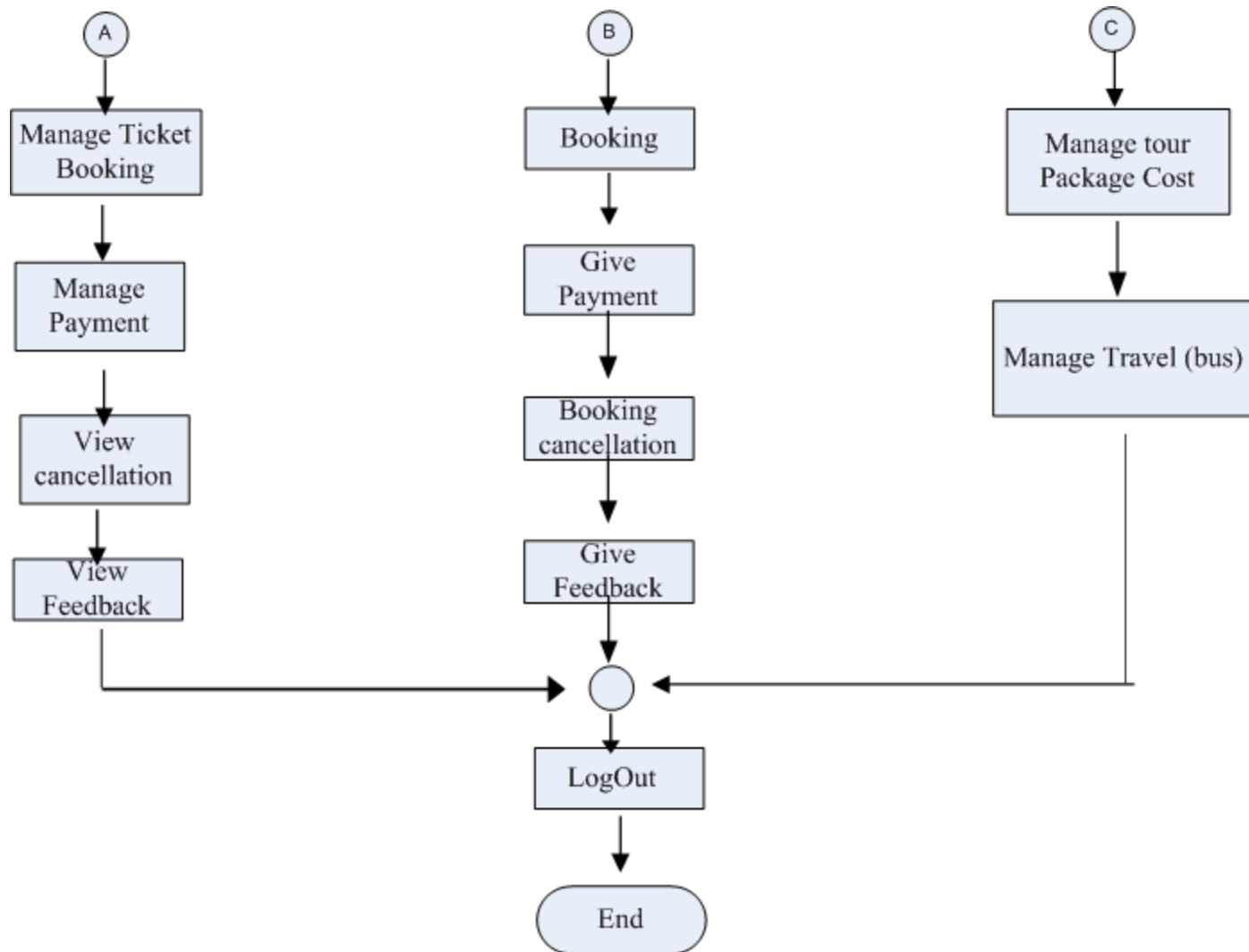
<b>Operating System</b>	Window Server 2008 or any compatible operating system.
<b>Runtime Environment</b>	.Net Framework 4.0
<b>Web Server</b>	IIS 7.0
<b>Front End</b>	Microsoft Asp.Net 2010 with c#
<b>Back End</b>	SQL server 2008
<b>Other Tools</b>	Adobe Photoshop,MS office, Crystal Report 9.0

### ▪ **Client Side:**




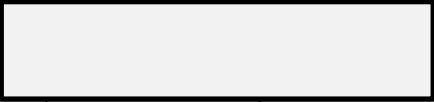
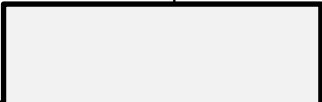


<b>Operating System</b>	Window XP or any compatible os.
<b>Web Browser</b>	Internet Explorer 6.0 or any compatible web browser.

## 6. System flowchart

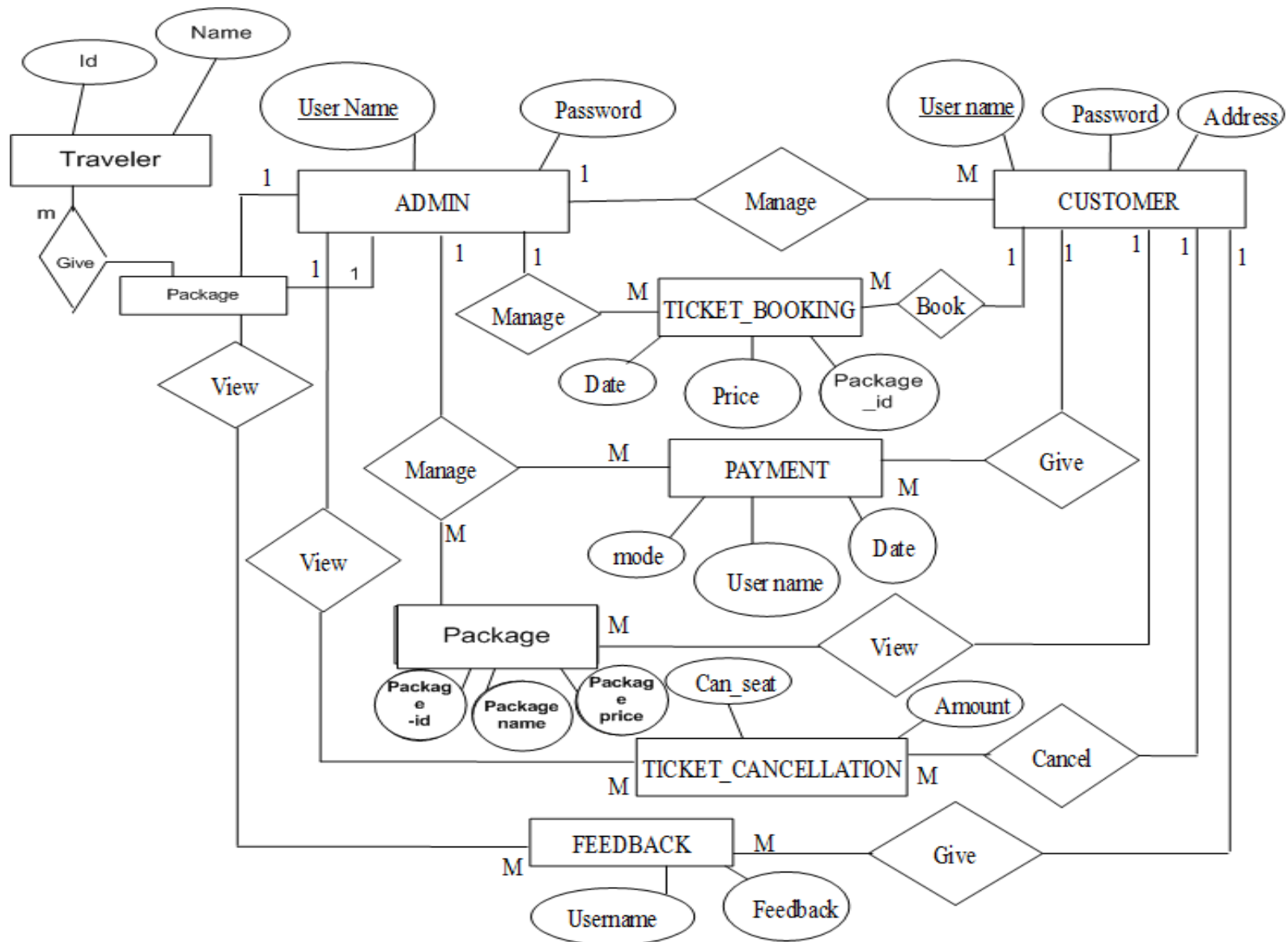




## 7. Timeline Chart

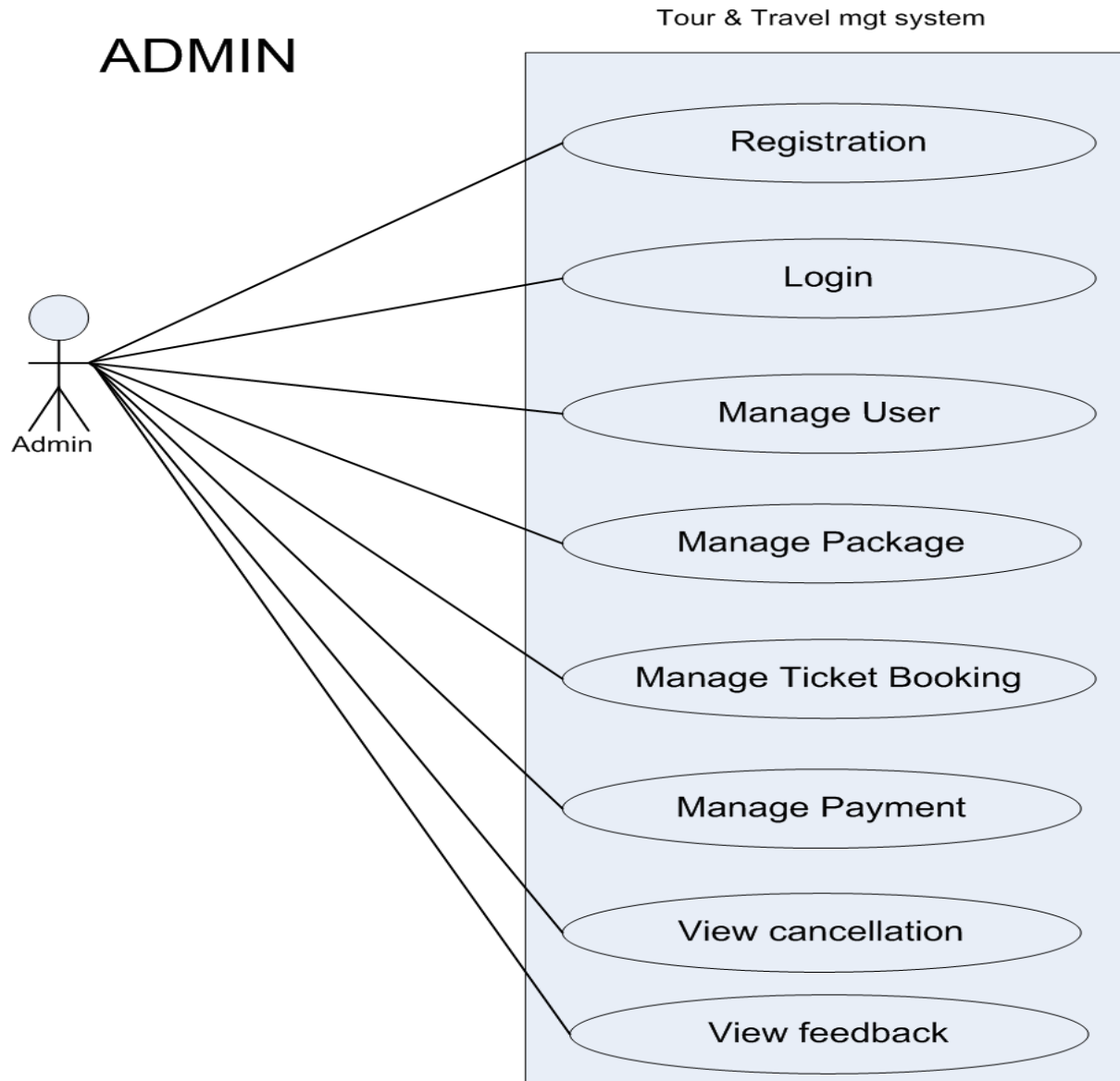
Development Phase	120 Days						Duration (Day)
	0 to 15 Day	16 to 30 Day	31 to 45 Day	46 to 60 Day	61 to 75 Day	76 to 90 Day	
Requirement Gathering							10
Analysis							15
Design							30
Coding							25
Testing							18
Implementation							08
Documentation							
Total Time (Days)							90

# 8. E-R Diagram

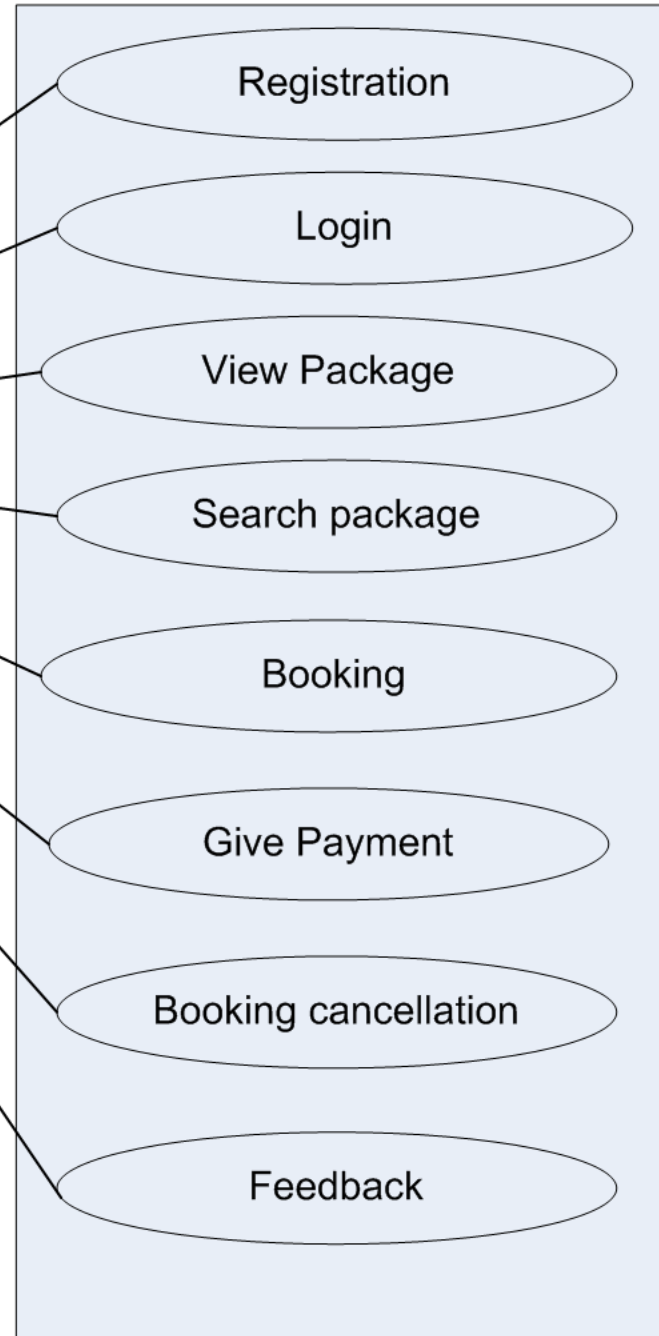
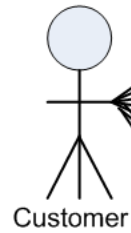


# 9. UML Diagram

## 9.1 Use case Diagram

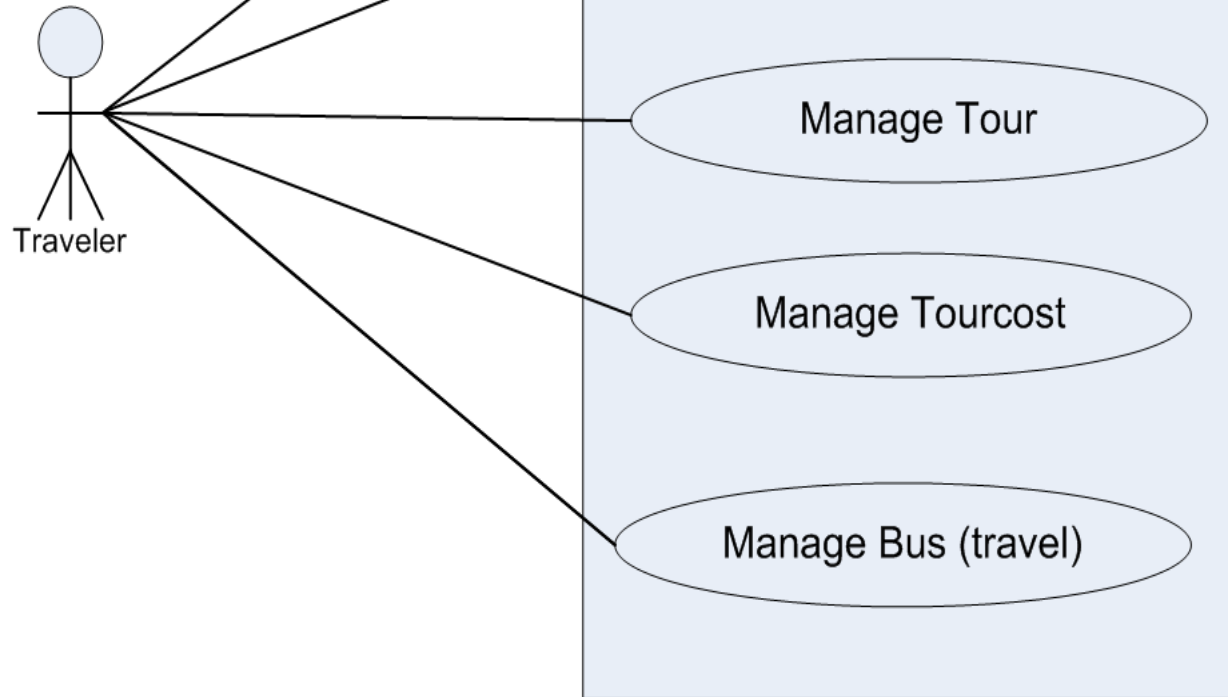


# Customer



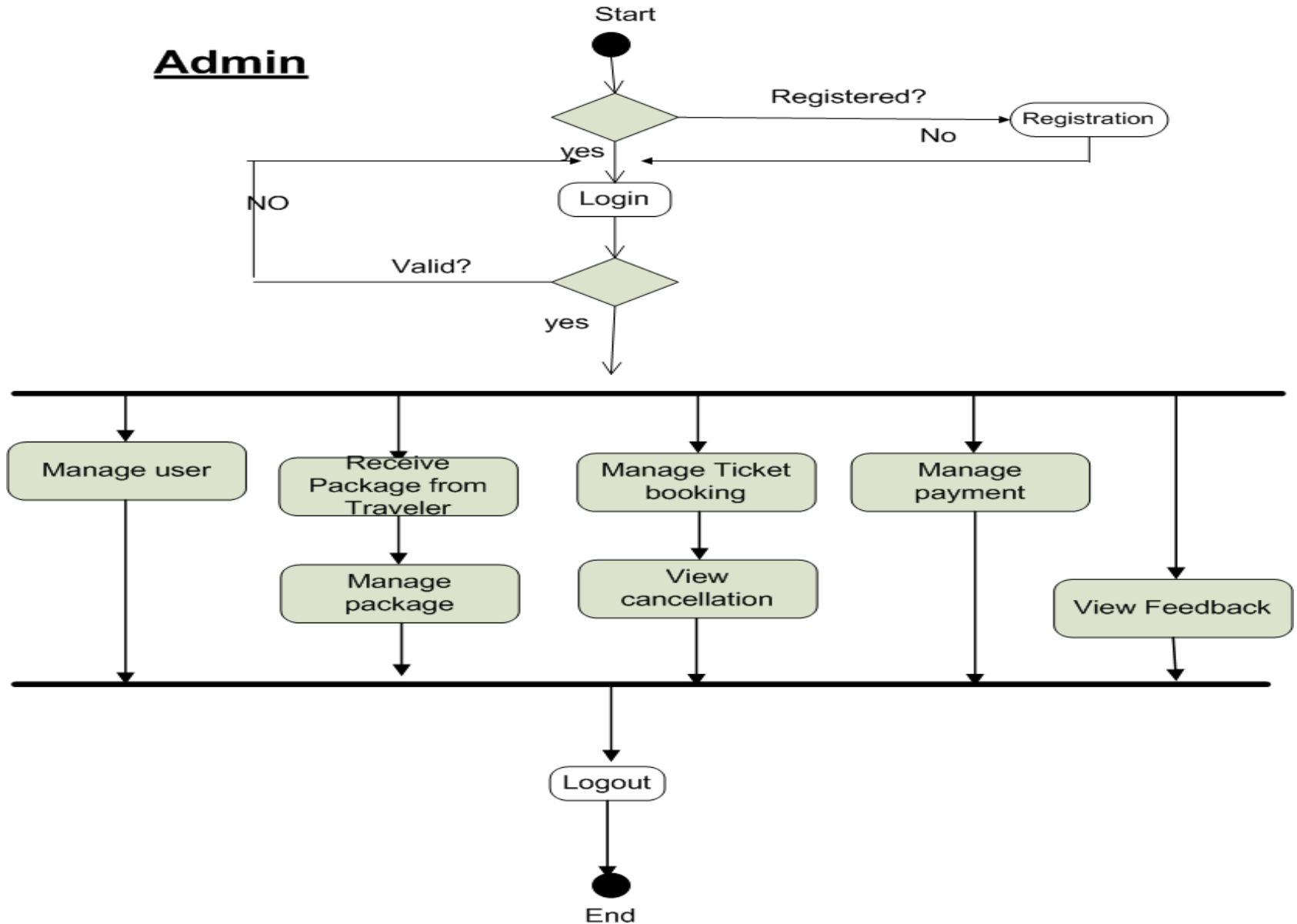
# Traveler

## Tour & Travel mgt system

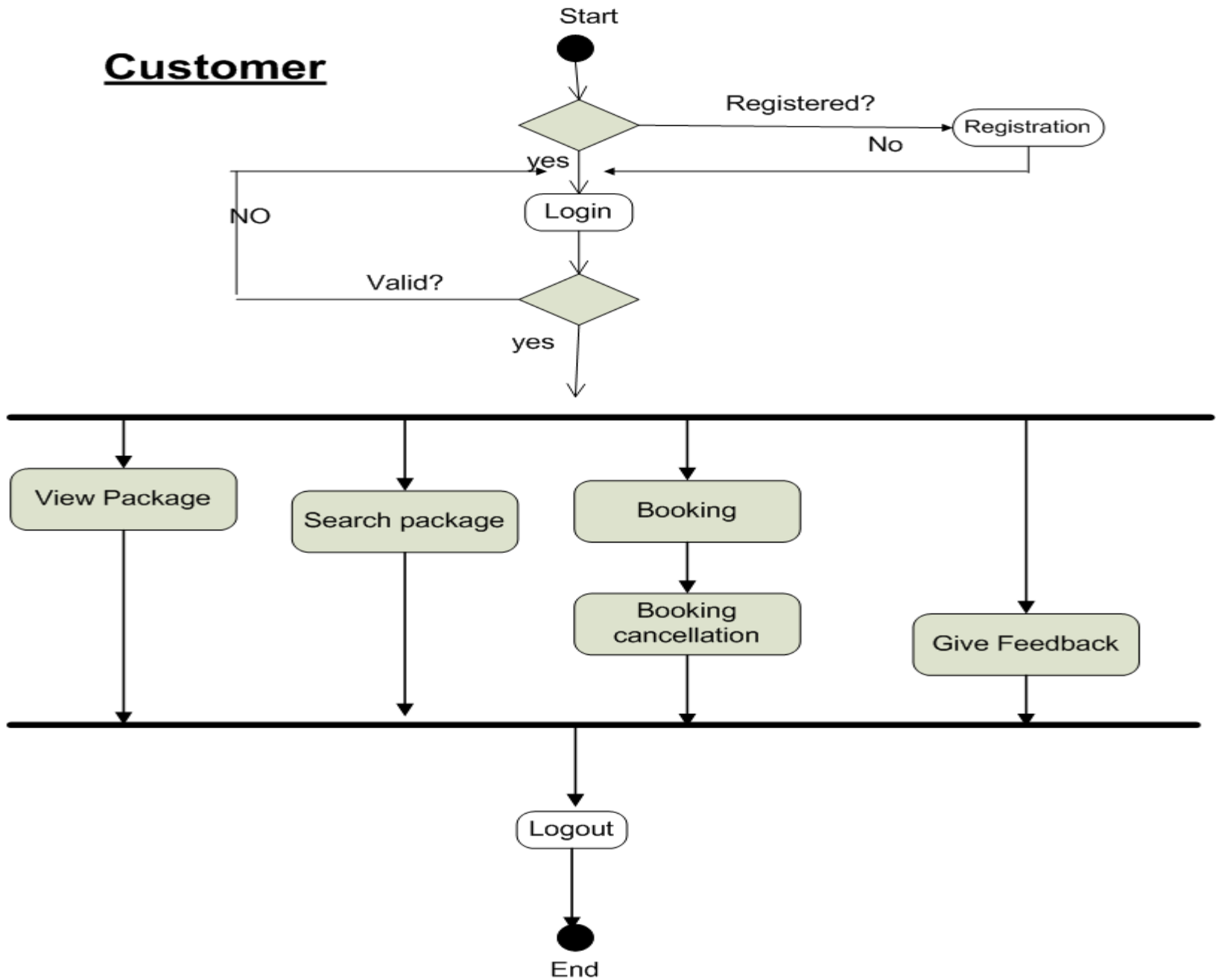




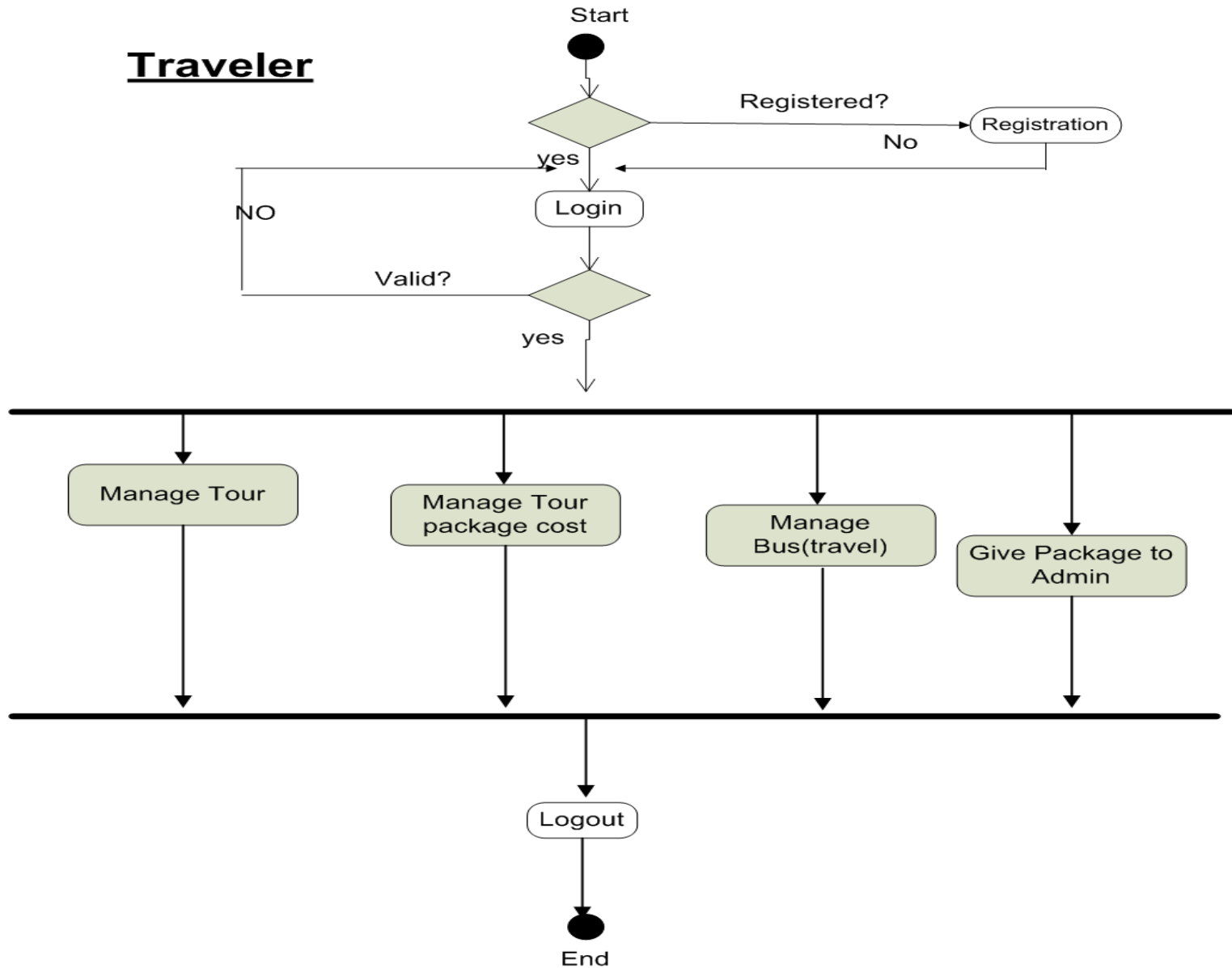
## 9.2 Activity Diagram



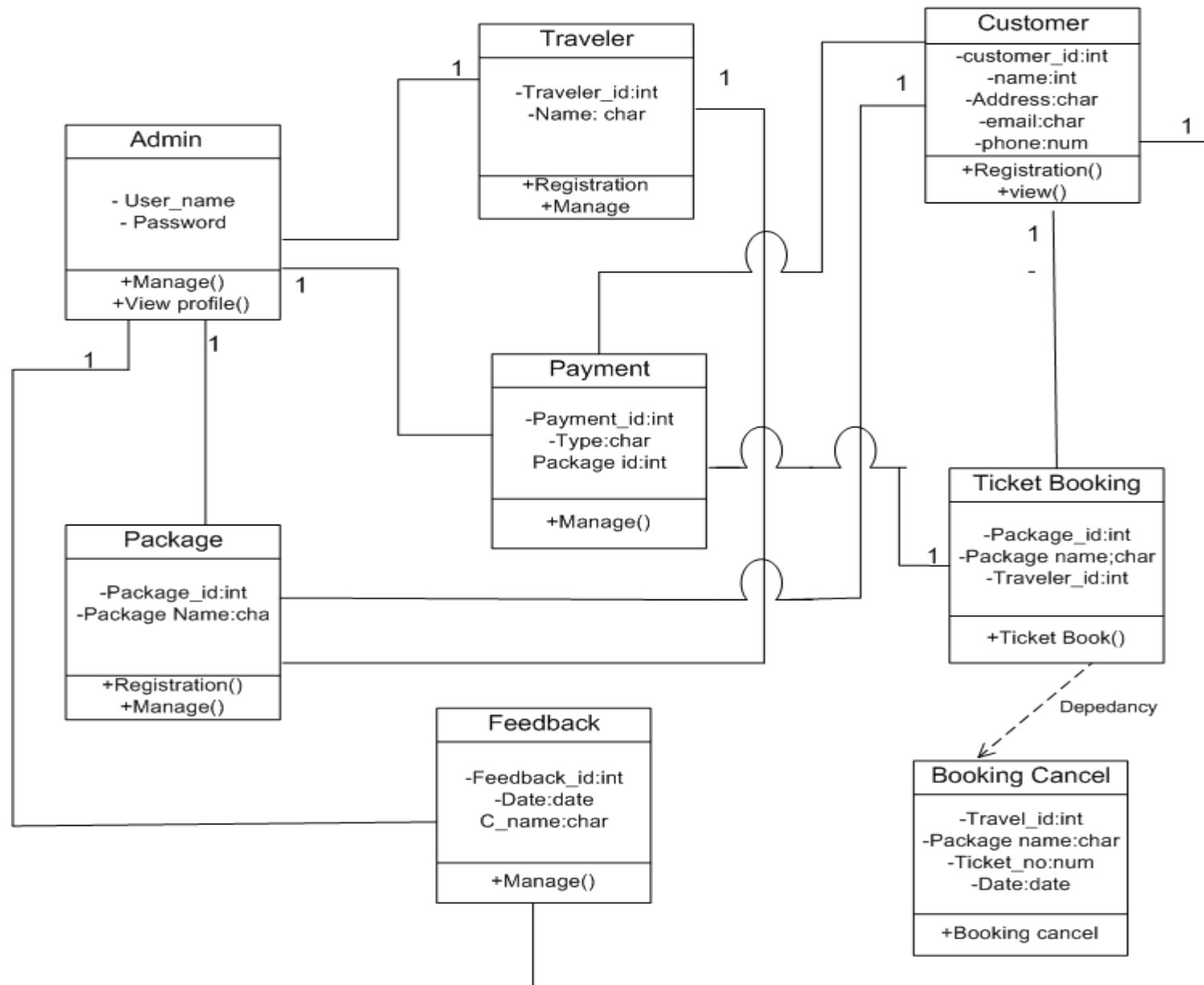
# Customer



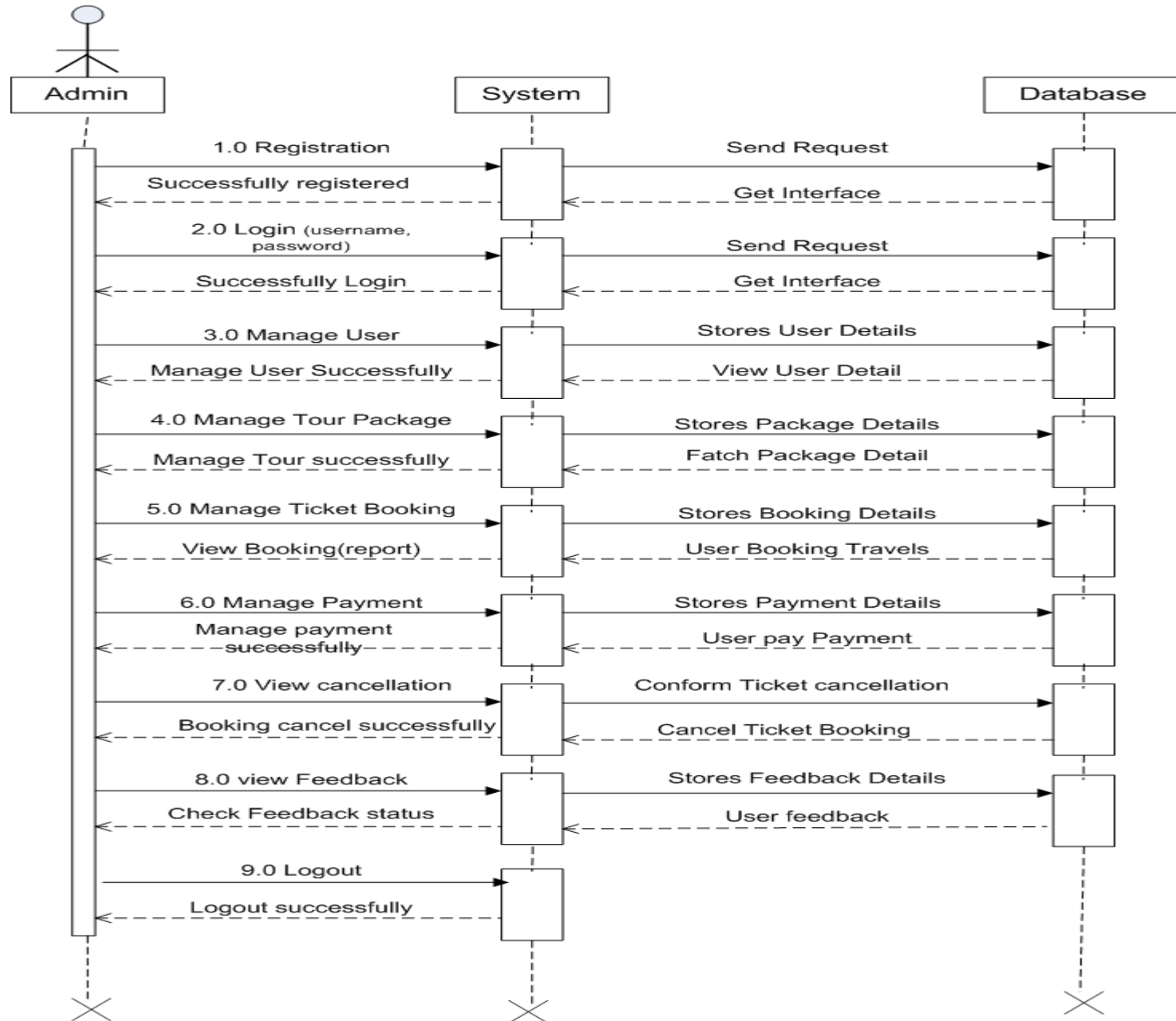
# Traveler

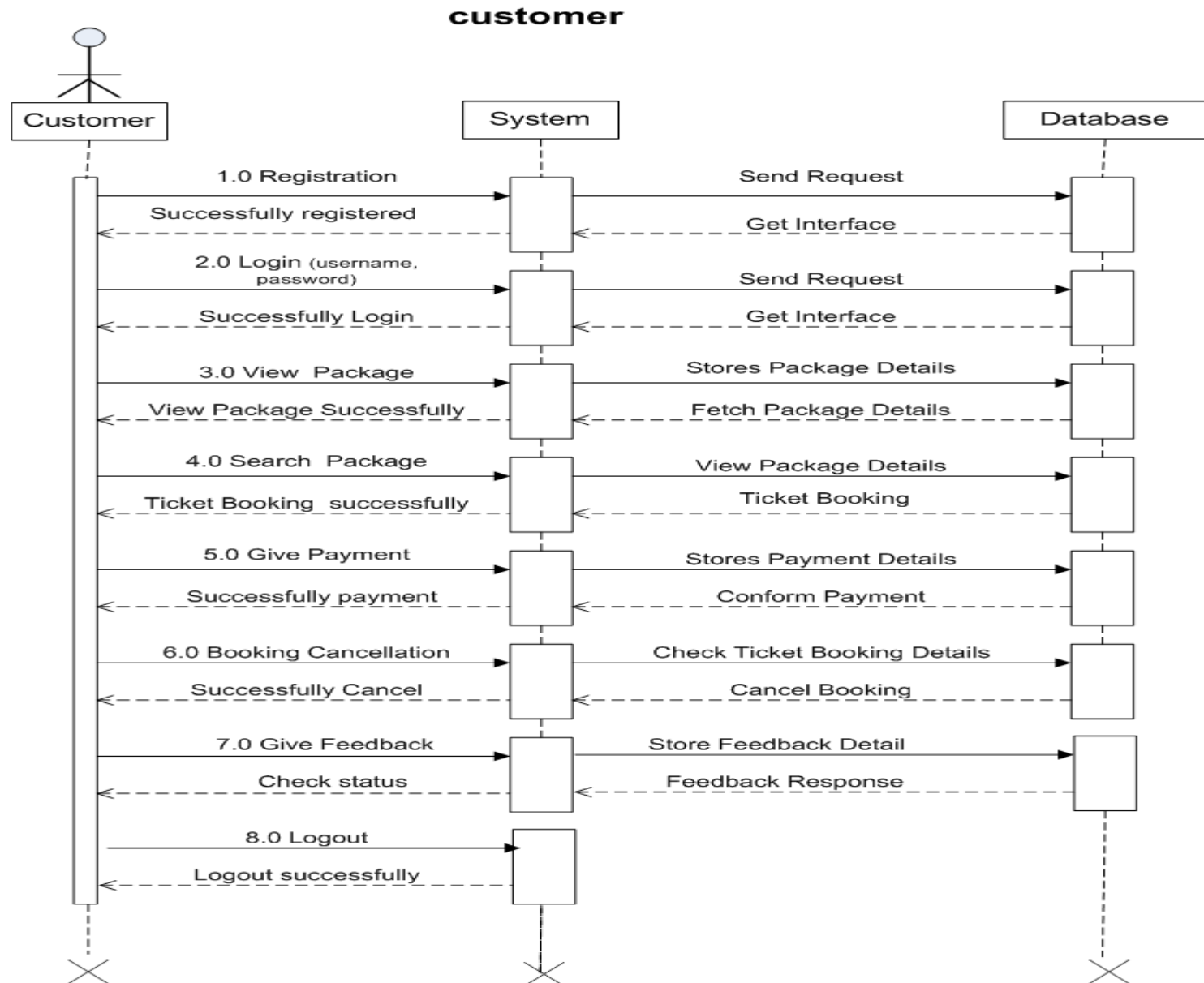


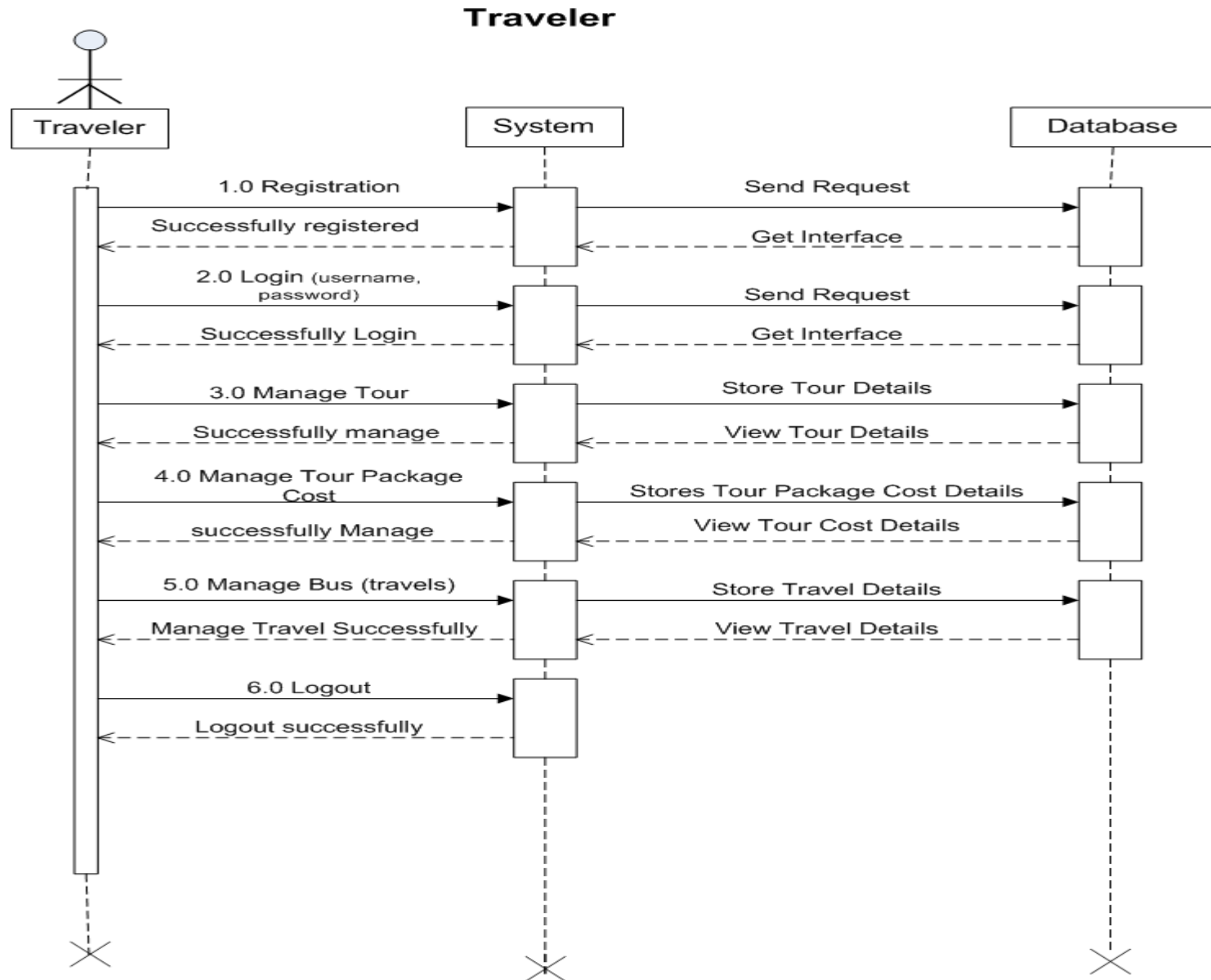
# 9.3 Class Diagram



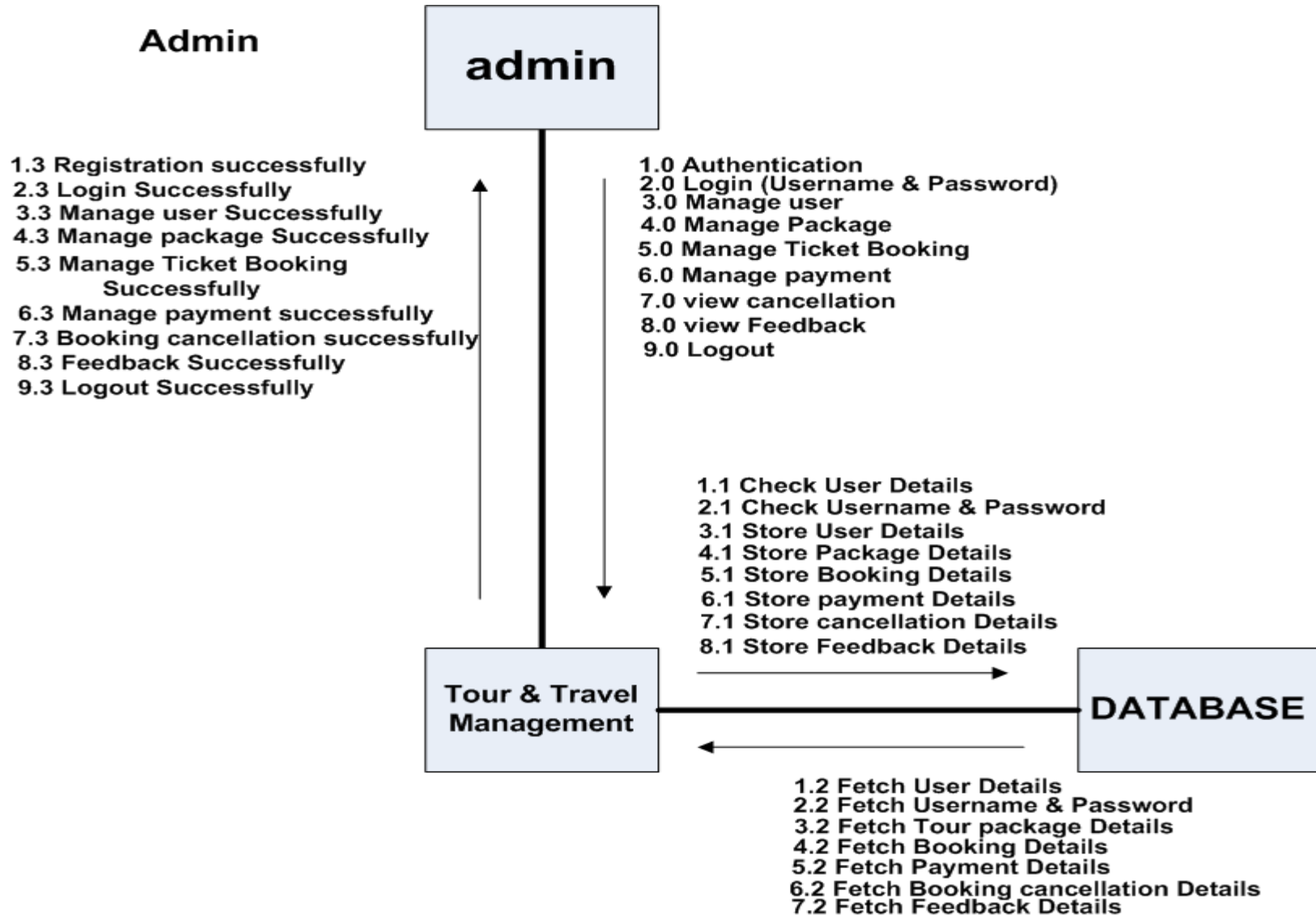
# 9.4 Sequence Diagram







## 9.5 Collaboration Diagram





**customer**

**Customer**

1.3 Registration successfully  
2.3 Login Successfully  
3.3 View Package Successfully  
4.3 Search Package Successfully  
5.3 Conform Booking Successfully  
6.3 Cancel Booking successfully  
7.3 Give payment  
8.3 Give Feedback  
9.3 Logout Successfully

1.0 Authentication  
2.0 Login (Username & Password)  
3.0 View Package Details  
4.0 Search package  
5.0 Booking  
6.0 Booking cancellation  
7.0 Give Payment  
8.0 Give Feedback  
9.0 Logout

1.1 Check User Details  
2.1 Check Username & Password  
3.1 Store View Package Details  
4.1 Store Search package Details  
5.1 Store Booking Details  
6.1 Store cancel Booking Details  
7.1 Store payment Details  
8.1 Store Feedback Details

**Tour & Travel  
Management**

**DATABASE**

1.2 Fetch User Details  
2.2 Fetch Username & Password  
3.2 Fetch View Package Details  
4.2 Fetch Search Package Details  
5.2 Fetch Booking Details  
6.2 Fetch Cancel Booking Details  
7.2 Fetch Payment Details  
8.2 Fetch Feedback Details

**Traveler**

**Traveler**

1.3 Registration successfully  
2.3 Login Successfully  
3.3 View Tour  
4.3 View Tour package Cost  
5.3 View Travel Details  
6.3 Logout Successfully

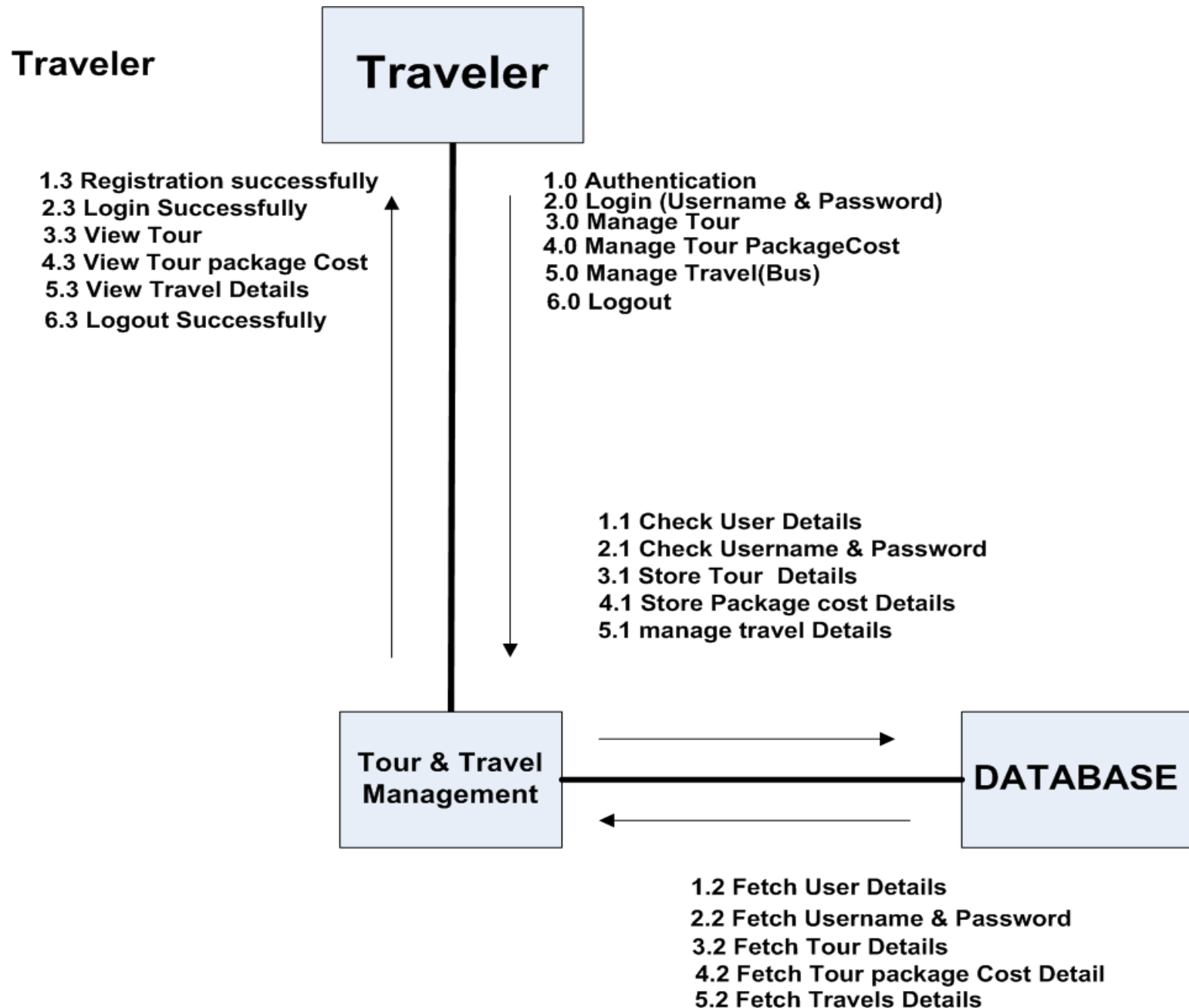
1.0 Authentication  
2.0 Login (Username & Password)  
3.0 Manage Tour  
4.0 Manage Tour PackageCost  
5.0 Manage Travel(Bus)  
6.0 Logout

1.1 Check User Details  
2.1 Check Username & Password  
3.1 Store Tour Details  
4.1 Store Package cost Details  
5.1 manage travel Details

**Tour & Travel  
Management**

**DATABASE**

1.2 Fetch User Details  
2.2 Fetch Username & Password  
3.2 Fetch Tour Details  
4.2 Fetch Tour package Cost Detail  
5.2 Fetch Travels Details



# 10. Data Dictionary

## 1. Table Name: Login\_mst

**Description:** To store the admin, customer, Traveler Login Details

**Primary Key:** User Name

Sr. no	Name	Data Type	Constraint	Description
1	Username	Varchar(10)	Primary Key	To store the username
2	User_Type	Varchar(10)	Not null	To store user type like admin, customer, traveler etc.
3	Password	nvarchar(10)	Not null	To store the password

## 2. Table Name: AgeRegistration\_mst

**Description:** To store Agent Personal Information.

**Primary Key:** Company\_name

Sr. no	Field Name	Data Type	Constraint	Description
1	Name	Varchar(50)	Not null	To store the Name of agent.
2	Company_Name	Varchar(50)	Primary Key	To store Company Name.
3	Address	Varchar(50)	Not null	To store address.
4	City	Varchar(50)	Not null	To store city.
5	Zip_code	Numeric(18,0)	Not null	To store Agent zip code.
6	Country	Varchar(50)	Not null	To store country.

7	Mobile no	Numeric(18,0)	Not null	To store mobile number.
8	Email_id	Nvarchar(30)	Not null	To store the Email id.
9	Comment	Varchar(50)	Not null	To store Comment.

### 3. Table Name: AgePackage\_Management

**Description:** To store Agent Package Detail.

**Primary Key:** Tour\_id

Sr . no	Field Name	Data Type	Constraint	Description
1	Agent_Name	Varchar(50)	Not Null	To Store Agent Name.
2	Agent_mobile	Numeric(18,0)	Not Null	To Store Mobile number.
3	Company_Name	Varchar(50)	Not Null	To Store company Name.
4	Tour_id	Numeric(18,0)	Primary Key	To Store Tour id.
5	Package_type	Varchar(50)	Not null	To store Package type like royal, Holiday.

Sr . no	Field Name	Data Type	Constraint	Description
6	Category	Varchar(50)	Not null	To store tour Catrgory.
7	Tour_place	Varchar(50)	Not null	To store the tour place.
8	Days	Numeric(18,0)	Not null	To store tour days.
9	Amount	Numeric(18,0)	Not null	To store tour amount.

#### 4. Table Name: Booking\_mst

**Description:** it can store Booking Detail.

**Primary Key:** Booking\_id

Sr . no	Field Name	Data Type	Constraint	Description
1	Booking_id	Integer	Primary Key	To Store Booking id
2	Traveler_name	Varchar (50)	Not null	To store Booking traveler name
3	Package_id	Integer	Not null	To Store Package id
4	Package_name	Varchar(20)	Not null	To store package name.



5	Create Date	Date Time	Not null	Create date of record.
6	Update Date	Date Time	Not null	Update date of record.

## 5. Table Name: category\_master

**Description:** To store travels category Detail.

**Primary Key:** c\_id

Sr . no	Field Name	Data Type	Constraint	Description
1	C_id	Integer	Primary key	To store category id.
2	Package_type	Varchar(10)	Not null	To store the package type. Like holiday
3	category	Varchar(20)	Not null	To store category like royal, delux etc.

**6. Table Name:** country\_master

**Description:** To store country Detail.

**Primary Key:** country\_id

Sr . no	Field Name	Data Type	Constraint	Description
1	Country_id	Integer	Primary Key	To store the country id.
2	country	Varchar(10)	Not null	To store the country name.

## 7. Table Name: AdmPackage\_management

**description:** it store the Package Detail Like type, days, amount etc.

**Primary Key:** id

Sr.no	Field Name	Data Type	constraint	Description
1	Id	Numeric(18,0)	Primary Key	To store Package id.
2	Package Type	Varchar(30)	Not null	To store Package Type like Holiday, Royal etc.
3	Category	Varchar(15)	Not null	To store Package Category like Group tour, adventure tour etc.
4	Tour_Place	Varchar(15)	Not null	To store Tour Place name.

5	Days	Nchar (10)	Not null	To store tour package Days.
6	Amount	Varchar(20)	Not null	To store Amount of Tour Packages.

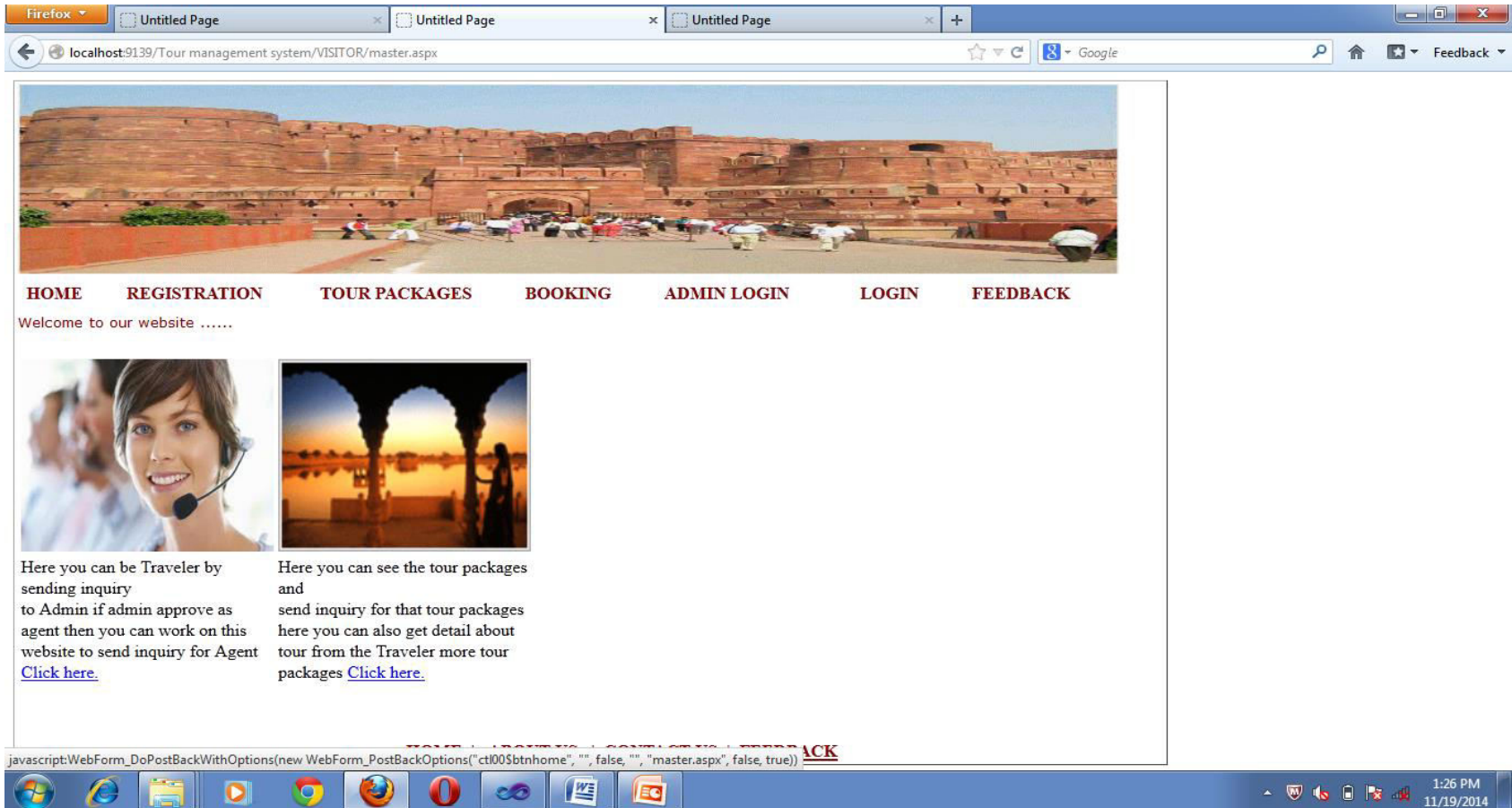
## 8.Table Name: Feedback

**Description:** to store the feedback details.

Sr. No	Field Name	Data Type	Constraint	Description
1	Name	Integer	Not null	To store name.
2	Emailid	Varchar(30)	Not null	To store email id.
3	Contact_no	Numeric(10)	Not null	To store contact no.
4	Feedback	Varchar(30)	Not null	To store feedback status.

# 11. Input Design

## HOME PAGE



**Description:** Home page of Tour and Travel Management system.

# REGISTRATION

Firefox | Untitled Page | localhost:9139/Tour management system/VISITOR/agent\_inquiry.aspx

HOME REGISTRATION TOUR PACKAGES BOOKING ADMIN LOGIN LOGIN FEEDBACK

Name:

Company name:

Address:

City:

Zip code:

Country:

Mobile no:

Email id:  \* ENTER VALID EMAIL ID

Comment:

Submit Reset

10:33 PM 11/21/2014

**Description:** Registration Page for Agent.



# TOUR PACKAGES

Firefox | Untitled Page | Untitled Page | Untitled Page | + | Google | Feedback

localhost:9139/Tour management system/VISITOR/Tour\_PACKAGE.aspx



[HOME](#)   [REGISTRATION](#)   [TOUR PACKAGES](#)   [BOOKING](#)   [ADMIN LOGIN](#)   [LOGIN](#)   [FEEDBACK](#)

AGENT_NAME	AGENT_MO	COMPANY_NAME	TOUR_ID	PACKAGE_TYPE	CATEGORY	TOUR_PLACE	DAYS	AMOUNT	SEND INQUIRY
MITESH	9737576807	BISAG	1	HOLIDAY	delux	KASMIR	11	12000	<a href="#">1</a>
aksahy	9966223322	ibm	2	holiday	delux	kerala	4	13000	<a href="#">2</a>
jayesh	9966223333	balaji travels	3	holiday	delux	GUJRAT	14	33000	<a href="#">3</a>
aswin	9924993091	unitech	4	advanture tour	delux	amritsar	10	24000	<a href="#">4</a>

[HOME](#) | [ABOUT US](#) | [CONTACT US](#) | [FEEDBACK](#)

javascript:WebForm\_DoPostBackWithOptions(new WebForm\_PostBackOptions("ctl00\$btn\_tourpackage", "", false, "", "Tour\_PACKAGE.aspx", false, true))

1:30 PM 11/19/2014

**Description:** Details of available Tour Packages.

# BOOKING

Firefox | Untitled Page | localhost:9139/Tour management system/VISITOR/Booking\_master.aspx

HOME REGISTRATION TOUR PACKAGES **BOOKING** ADMIN LOGIN LOGIN FEEDBACK

Booking Id: 6  
Traveler name: patel  
Package\_id: 9  
Package\_name: royal  
Create\_Date: 08/22/2014  
Update\_Date: 08/12/2014

Submit Reset

javascript:WebForm\_DoPostBackWithOptions(new WebForm\_PostBackOptions("ctl00\$LinkButton1", "", false, "", "Booking\_master.aspx", false, true))

9:04 PM 11/19/2014

**Description:** Booking Page to create Booking For Customer.

# ADMIN LOGIN



**Description:** Admin Login Page admin login hear.

# ADMIN HOME

Country:

->> Here admin can create agent by approving agent request.

->> Username and Password send by admin to agent through Emailid.

	country_id	country
<a href="#">Edit</a> <a href="#">Delete</a>	1	kaneda
<a href="#">Edit</a> <a href="#">Delete</a>	2	urop
<a href="#">Edit</a> <a href="#">Delete</a>	3	US
<a href="#">Edit</a> <a href="#">Delete</a>	4	singapur
<a href="#">Edit</a> <a href="#">Delete</a>	5	India
<a href="#">Edit</a> <a href="#">Delete</a>	6	India

javascript:WebForm\_DoPostBackWithOptions(new WebForm\_PostBackOptions("ctl00\$LinkButton1","",false,"","admin.aspx",false,true))

**Description:** Home Page For Admin.

# PACKAGE MANAGEMENT

Firefox | Untitled Page | localhost:9139/Tour management system/admin/package\_management.aspx

**As Tha Travels** *The House of Omkar E-Service*

HOME PACKAGE MANAGEMENT VIEW INQUIRY VIEW FEEDBACK CATEGORY VIEW TOUR INQUIRY VIEW BOOKING INFO logout

Package type:

Category:

Tour place:

Days:

Amount:

id	package type	Category	tour place	days	amount
----	--------------	----------	------------	------	--------

Windows Taskbar: 10:46 PM 11/21/2014

**Description:** Admin Manage Package Management .

# PACKAGE MANAGEMENT

Firefox | Untitled Page | localhost:9139/Tour management system/admin/package\_management.aspx

Package type:

Category:

Tour place:

Days:

Amount:

	id	package type	Category	tour place	days	amount
<a href="#">Edit</a> <a href="#">Delete</a>	1	Holiday	corporate tour	SURAT	11	564
<a href="#">Edit</a> <a href="#">Delete</a>	2	royal	adventure tour	SDA	11	13224
<a href="#">Edit</a> <a href="#">Delete</a>	3	royal	adventure tour	gfhgf	655	4545
<a href="#">Edit</a> <a href="#">Delete</a>	4	holiday	delux	asas	13	454564
<a href="#">Edit</a> <a href="#">Delete</a>	5	holiday	delux	goa	1	12000
<a href="#">Edit</a> <a href="#">Delete</a>	6	holiday	delux	ABC	12	6000
<a href="#">Edit</a> <a href="#">Delete</a>	7	advanture tour	royal	gandhidham	11	2100

Windows Taskbar: 10:50 PM 11/21/2014

**Description:** Admin Package Management information .



# VIEW FEEDBACK

The screenshot shows a Firefox browser window with the address bar displaying 'localhost:9139/Tour management system/admin/viewfeedback.aspx'. The page header includes the 'AsTha Travels' logo, the text 'The House of Omkae E-Service', and a navigation menu with links: HOME, PACKAGE MANAGEMENT, VIEW INQUIRY, VIEW FEEDBACK, CATEGORY, VIEW TOUR INQUIRY, VIEW BOOKING INFO, and a logout link. Below the header is a table with the following data:

NAME	EMAILID	CONTACTNO	FEEDBACK
aksahy	akshay@rocketmail.com	456466	ASKADA
akshay	akshay@rocketmail.com	9737576807	good website
mitesh	mitesh@yahoo.com	9966332211	good website

At the bottom of the browser window, the taskbar shows various application icons and the system clock indicating 9:21 PM on 11/19/2014.

**Description:** Admin can view Customer and traveller Feedback.

# CATEGORY



Firefox | Untitled Page | localhost:9139/Tour management system/admin/category.aspx

**AsTha Travels** *The House of Omkar E-Service*

HOME PACKAGE MANAGEMENT VIEW INQUIRY VIEW FEEDBACK **CATEGORY** VIEW TOUR INQUIRY VIEW BOOKING INFO logout

Package type:

Category:

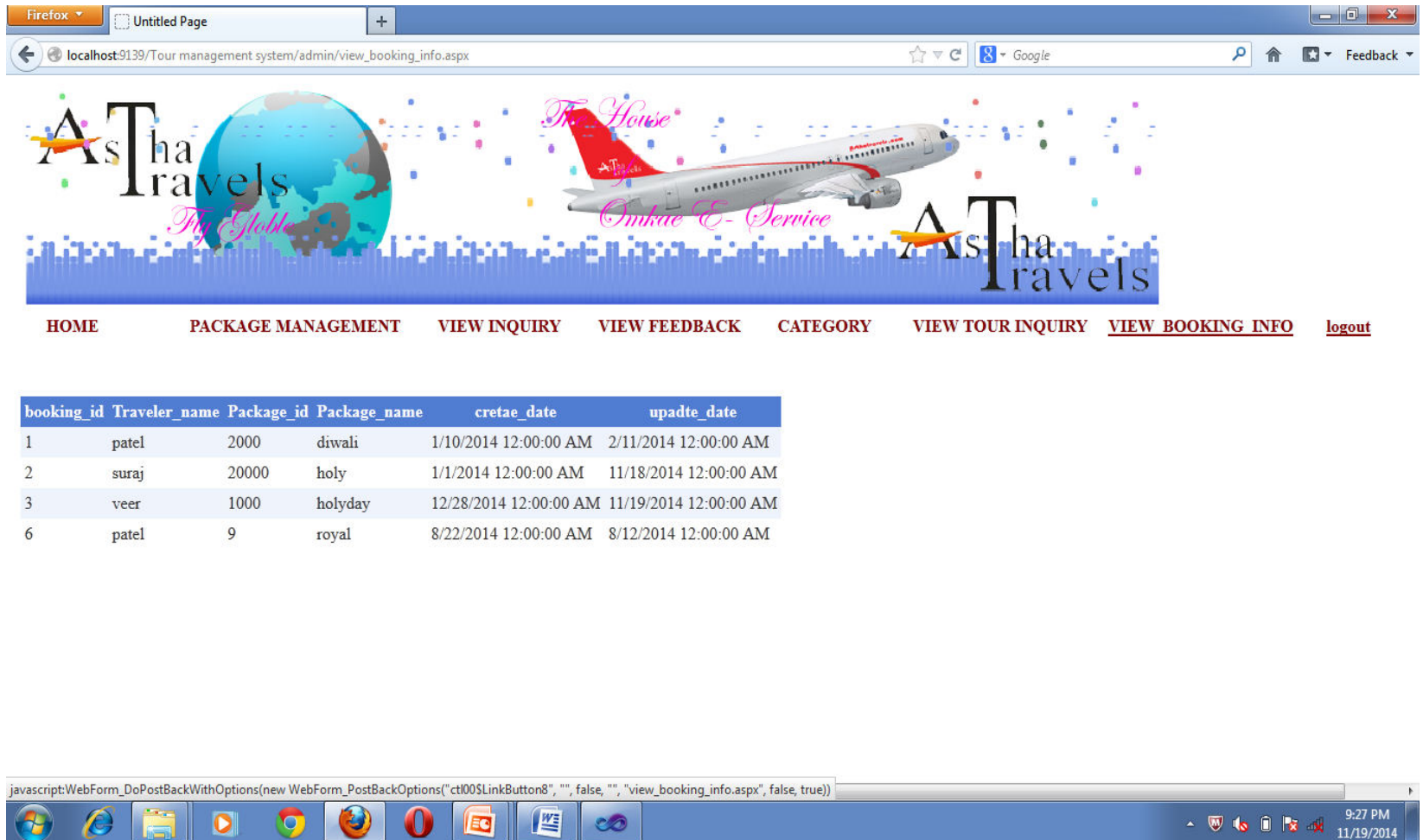
	<u>id</u>	<u>package type</u>	<u>category</u>
<a href="#">Edit</a> <a href="#">Delete</a>	4	advanture tour	royal
<a href="#">Edit</a> <a href="#">Delete</a>	5	holiday	delux
<a href="#">Edit</a> <a href="#">Delete</a>	6	group tour	delux

10:56 PM 11/21/2014

**Description:** Admin can add and view package category.



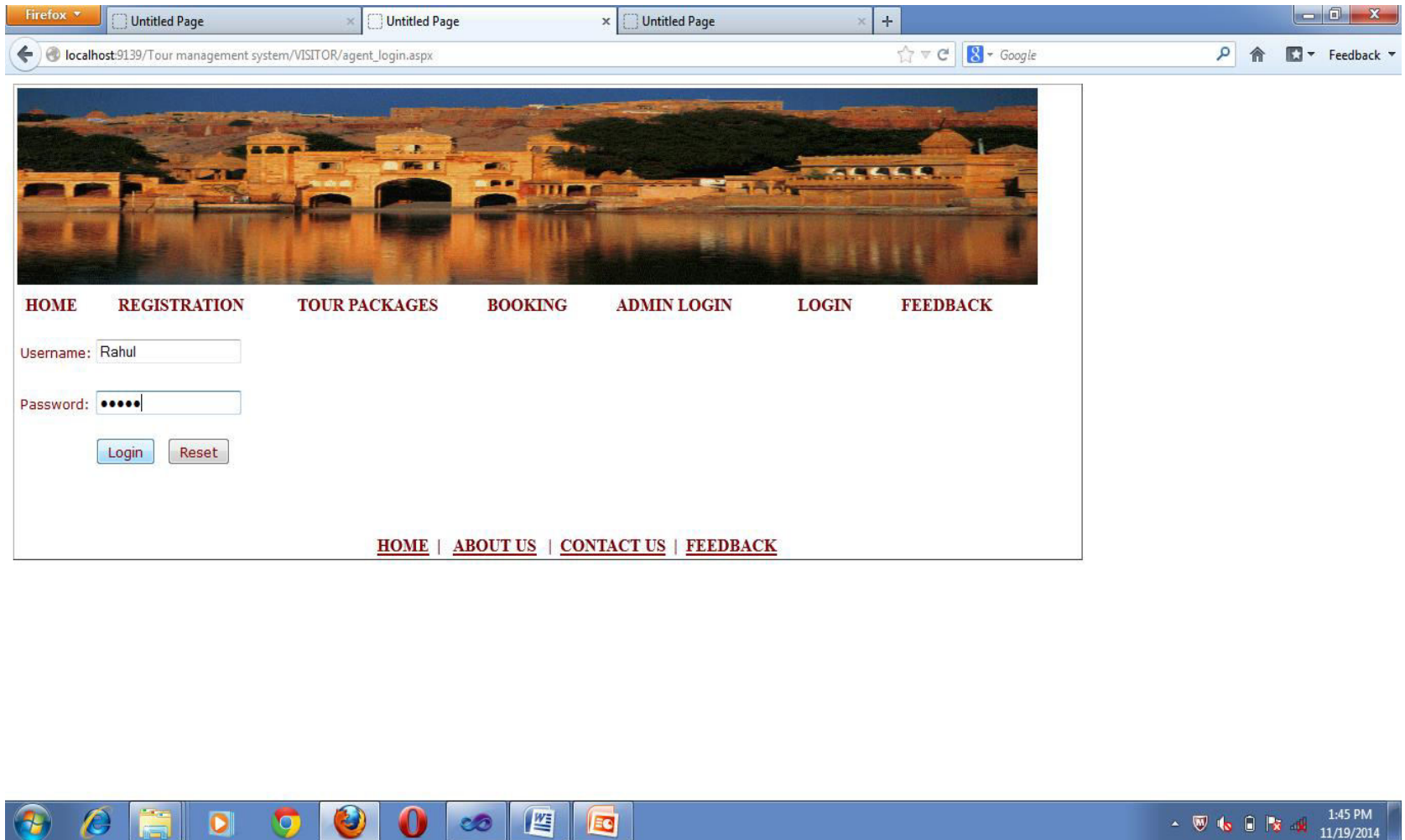
## VIEW BOOKING INFO



booking_id	Traveler_name	Package_id	Package_name	create_date	update_date
1	patel	2000	diwali	1/10/2014 12:00:00 AM	2/11/2014 12:00:00 AM
2	suraj	20000	holy	1/1/2014 12:00:00 AM	11/18/2014 12:00:00 AM
3	veer	1000	holyday	12/28/2014 12:00:00 AM	11/19/2014 12:00:00 AM
6	patel	9	royal	8/22/2014 12:00:00 AM	8/12/2014 12:00:00 AM

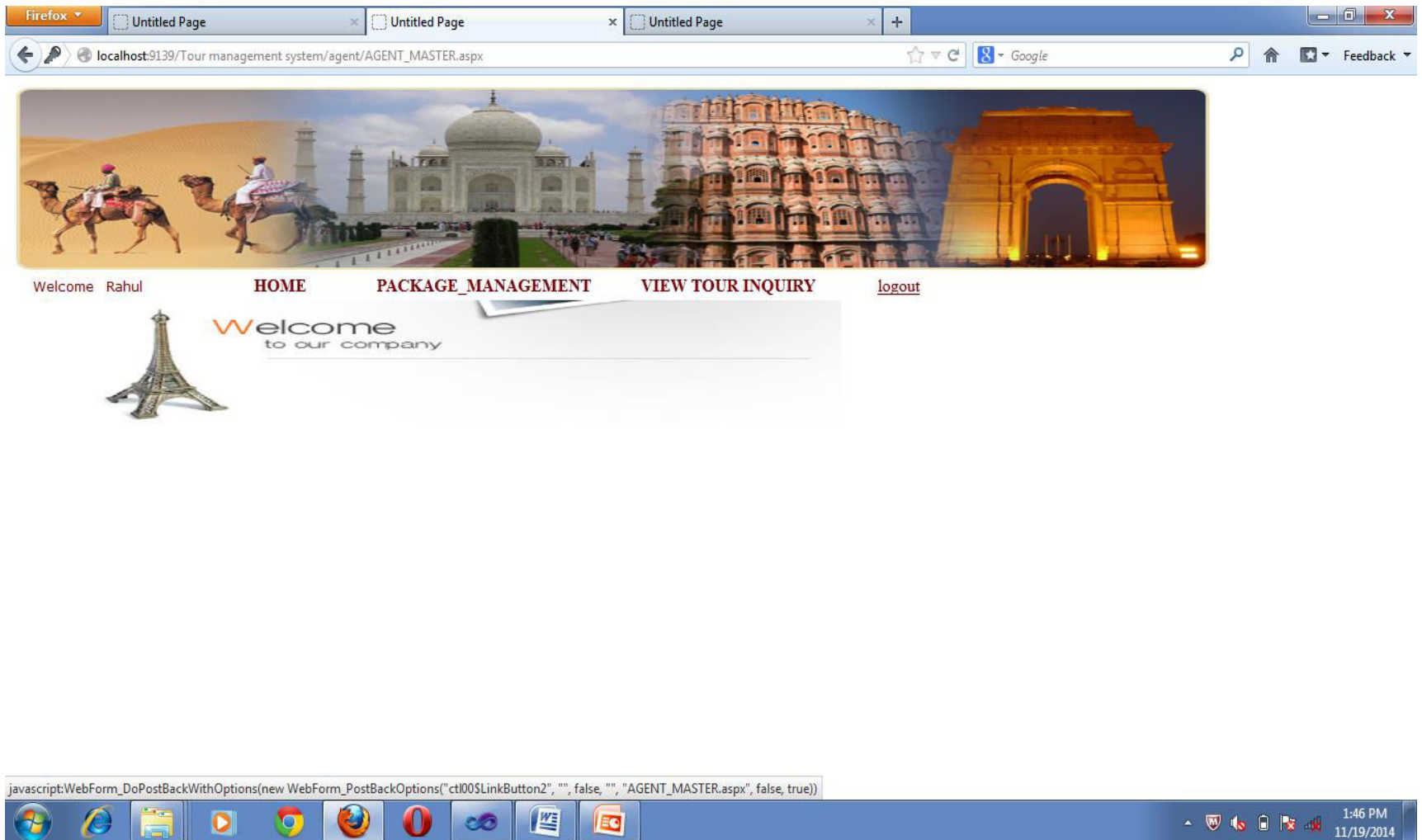
**Description:** Admin Show customer Booking Details.

# AGENT LOGIN



**Description:** Agent Login Page.

# AGENT HOMEPAGE



**Description:** Home Page For Agent.

# PACKAGE MANAGEMENT

Firefox | Untitled Page | +

localhost:9139/Tour management system/agent/PACKAGE\_MANAGEMENT.aspx

Google

Welcome Rahul

[HOME](#) [PACKAGE\\_MANAGEMENT](#) [VIEW TOUR INQUIRY](#) [logout](#)

Welcome to our company

Agent name:

Agent mobile no:

Company name:

Package type:

Category:

Tour place:

Days:


Amount:

11:14 PM 11/21/2014

**Description:** Agent manage the package Management.

# PACKAGE MANAGEMENT

Firefox | Untitled Page | localhost:9139/Tour management system/agent/PACKAGE\_MANAGEMENT.aspx



Agent name:

Agent mobile no:

Company name:

Package type:

Category:

Tour place:

Days:

Amount:

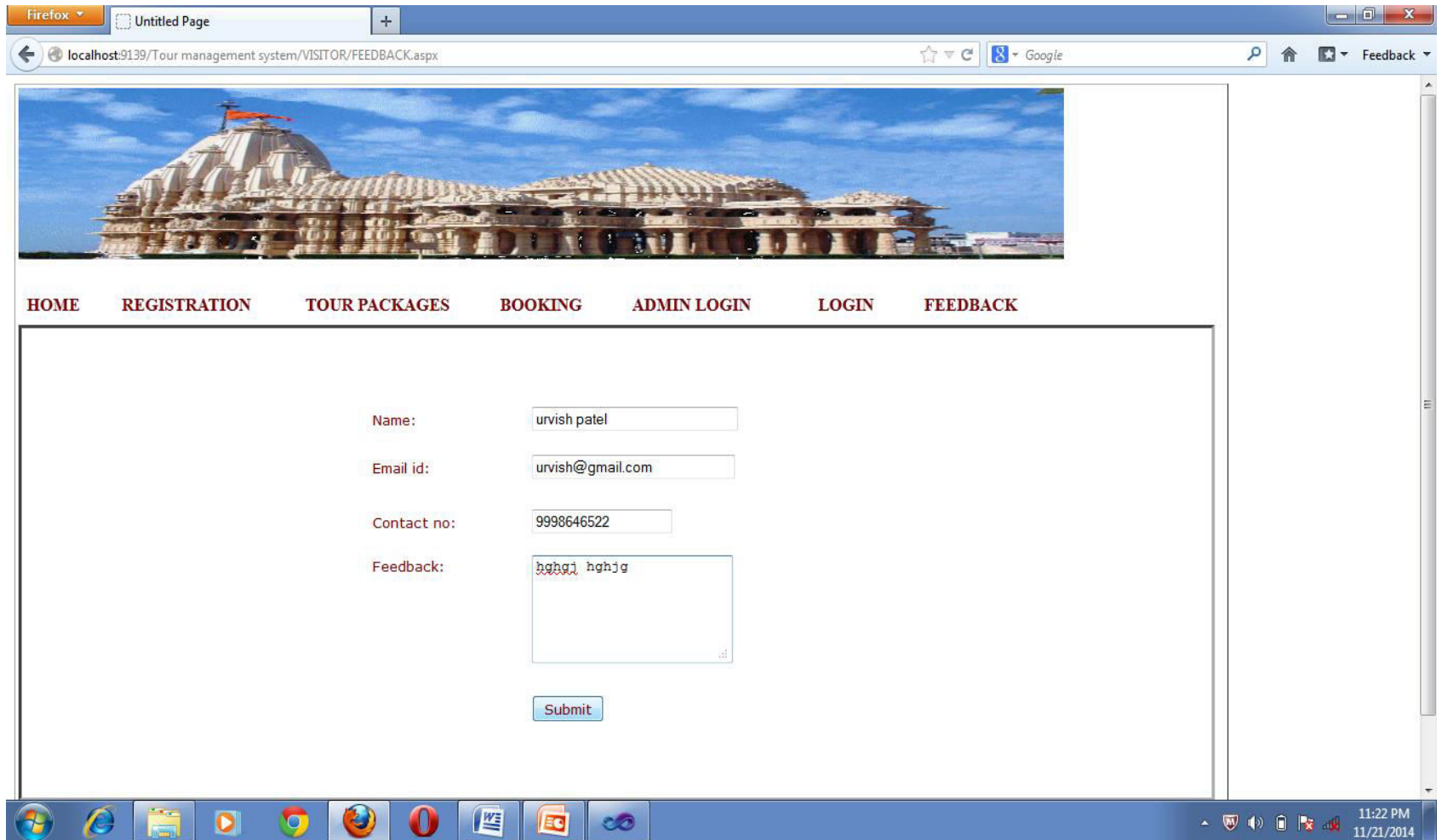
	AGENT_NAME	AGENT_MO	COMPANY_NAME	TOUR_ID	PACKAGE_TYPE	CATEGORY	TOUR_PLACE	DAYS	AMOUNT
<a href="#">Edit</a> <a href="#">Delete</a>	MITESH	9737576807	BISAG	1	HOLIDAY	delux	KASMIR	11	12000
<a href="#">Edit</a> <a href="#">Delete</a>	aksahy	9966223322	ibm	2	holiday	delux	kerala	4	13000
<a href="#">Edit</a> <a href="#">Delete</a>	jayesh	9966223333	balaji travels	3	holiday	delux	GUJRAT	14	33000
<a href="#">Edit</a> <a href="#">Delete</a>	aswin	9924993091	unitech	4	advanture tour	delux	amritsar	10	24000
<a href="#">Edit</a> <a href="#">Delete</a>	uuuu	9998585855	hari	5	advanture tour	royal	gandhidham	11	1000
<a href="#">Edit</a> <a href="#">Delete</a>	uuuu	9824785524	bolenath	6	advanture tour	royal	manali	21	5000

Windows Taskbar: 11:18 PM 11/21/2014

**Description:** Agent view package information.



# FEEDBACK



The screenshot shows a web browser window with the address bar displaying "localhost:9139/Tour management system/VISITOR/FEEDBACK.aspx". The page features a header image of a large, ornate temple with a dome and a flag on top. Below the image is a navigation menu with links: HOME, REGISTRATION, TOUR PACKAGES, BOOKING, ADMIN LOGIN, LOGIN, and FEEDBACK. The main content area contains a feedback form with the following fields and values:

- Name: urvish patel
- Email id: urvish@gmail.com
- Contact no: 9998646522
- Feedback: hghgj hghjg

A "Submit" button is located below the feedback text area. The browser's taskbar at the bottom shows various application icons and the system clock indicating 11:22 PM on 11/21/2014.

**Description:** Customer and Visitor Give Feedback.

## 13.Testing

Sr No.	Test case	Expected	Actual	Pass/Fail
1.	Admin login case	Is admin Provided true username & password for login?	Successfully login	Pass
2.	Invalid username/password case	Is username and password wrong then error message	Error message	Fail
3.	View page case	Is requested page available?	Successfully view that page	Pass
4.	Test field	All information must be input	All information must be input	Pass
5.	Registration	Enter null in mandatory fields	It will show message that enter the data.	Pass
		Enter incorrect data	It will show message that enter the correct data	Pass
6.	User login case	Is User provided true user name & password for login?	Successfully login	Pass
7.	Invalid username/password case	Is username and password wrong then error message	Error message	Fail
8.	View page case	Is requested page available?	Successfully view that page	Pass

9.	Validation Test Cases	Mandatory field should not be blank	You have to enter some value into mandatory fields	Pass
		The field value must have the predefined range	Only 10 number are enter in the field	Pass
		A predefines format should be follow	Check the proper format of email-id	Pass
10.	Manage Profile	User can edit info of the profile	The Message will be displayed “Profile edit successfully”.	Pass



## 14. POST IMPLEMENTATION REVIEW

- After the system implemented and conversion is completed, a review of system is usually conducted by users and analyst this is called post implementation review.
- The most fundamental concern post implementation review is determining the system has met its objective, that is analyst want to know if the performance level of the system has improved and if the system is producing the result intended.
- If neither is happening, one may question whether the system can be considered successful.
- By using current system, all the requirements of all users are fulfilled.

## 15. FUTURE ENHANCEMENT

- In future we will give facility of online donation.
- We will include more functionality as per user requirement.
- Not a single website is ever consider as complete forever firstly because there is always something new requirement also are growing day by day.
- We want to improved our home page, as it is the main thing which attracts all users.

# 16. BIBLIOGRAPHY

## •BOOKS :-

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By: Kogent Solution Inc. dreamtech

PLATINUM EDITION

❖The Complete Reference ASP.NET

By: MACKDONALD MELTHEW(TMh)

3. System Analysis and Design Software Application

By: Brian Siler and Jeff Spots

## •WEB SITES :-

•[www.Google.com](http://www.Google.com)

•[www.Codeguru.com](http://www.Codeguru.com)

•[www.Saveearth.org](http://www.Saveearth.org)

•[www.Saveourearth.co.uk](http://www.Saveourearth.co.uk)