

# **TRAVEL ADVISOR**

## **A PROJECT REPORT**

*Submitted by*

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*In fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

Computer Engineering



**SILVER OAK COLLEGE OF ENGINEERING AND TECHNOLOGY**

**OPP. BHAGWAT VIDYAPITH, NEAR GOTA CROSS ROAD,  
AHMEDABAD- 382481**

**Gujarat Technological University, Ahmedabad**

May, 2018





# GUJARAT TECHNOLOGICAL UNIVERSITY

CERTIFICATE FOR COMPLETION OF ALL ACTIVITIES AT ONLINE PROJECT PORTAL

B.E. SEMESTER VIII, ACADEMIC YEAR 2017-2018

Date of certificate generation : 23 April 2018 (07:16:43)

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Periodic Progress Reports (PPR)	Completed
Business Model Canvas (Image)	Completed
Business Model Canvas (Report)	Completed
Patent Drafting Exercise (PDE)	Completed
Final Plagiarism Report	Completed
Final Project Report	Completed

Name of Student : Gandhi Hitarthi Dilipkumar

Name of Guide : Mrs.Shah Panam J.

Signature of Student : \_\_\_\_\_

\*Signature of Guide : \_\_\_\_\_

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Name of Guide : Mrs.Shah Panam J.

Signature of Student : \_\_\_\_\_

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SILVER OAK COLLEGE OF ENGINEERING AND TECHNOLOGY  
Computer Engineering  
2018

**CERTIFICATE**

**Date:** 23/04/2018

This is to certify that the Project Work entitled "**TRAVEL ADVISOR**" has been carried out by HITARTHI GANDHI D.(140770107512) and CHARMI BHATT B.(140770107505) under my guidance in partial fulfilment of the degree of Bachelor of Engineering in Computer Engineering (8<sup>th</sup> Semester) of Gujarat Technological University, Ahmedabad during the academic year 2017-18.



**Internal Guide**  
**SOCET**

**Head of Computer Engineering Department**  
**SOCET**

## **Candidate's Declaration**

We hereby declare that project report titled “Travel Advisor” submitted towards the completion of project in 8<sup>th</sup> Semester of bachelor of Computer Engineering in Silver Oak College Of Engineering & Technology, Ahmedabad is an authenticate record of our work carried out.

We further declare that to the best of our knowledge the report of C.E. 8<sup>th</sup> Semester.

Candidate's signature	:
First Candidate's Name	<b>: Hitarthi Gandhi</b>
Branch	<b>: Computer Engineering</b>
Enrollment Number	<b>: 140770107512</b>
Candidate's Signature	:
Second candidate's name	<b>: Charmi Bhatt</b>
Branch	<b>: Computer Engineering</b>
Enrollment Number	<b>: 140770107505</b>

Submitted to:

**Silver Oak College Of Engineering & Technology,**

Ahmedabad Affiliated to:

**Gujarat Technological University.**

## **ABSTRACT**

Travel Advisor is a web application where people can find a different travel agencies and service providers. We are offering to people with best services of different travel agencies in India which inform you regarding different trips in India as well as trip schedule. They also find their trip schedule under their budget. So Travel advisor is a smart system where you can easily find travel organizer.

Keyword: Trip Organizer, Trip Advisor, Vacation Planner, Travel manager

## **ACKNOWLEDGEMENT**

Project work cannot be done by individual effort. It is a continuous inspiration and help of people you work around. We are heartily thankful to my supervisor, Asst. Prof. Panam Shah, whose encouragement, supervision and support from the preliminary to the concluding level enabled me to develop an understanding of the subject. We deeply acknowledge support of our Head of Computer Department SOCET who became our constant source of inspiration throughout the work.

**Hitarthi Gandhi (Roll No: 140770107512)**

**Charmi Bhatt (Roll No: 140770107505)**

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## CHAPTER 1

### INTRODUCTION

#### 1.1 Project Summary

- In this project we are going to develop the .NET based website using this website user can easily find travel agency.
- We are offering to people with best services of different travel agencies of India which inform you regarding different trips in India as well as trip schedule. They also find their trip schedule under them budget.
- We also add functionality like once you find agency user also find trip search by places, price, popularity etc.

#### 1.2 Purpose:

- User easily find hotel and different places online but they can't find full arrange trip.
- If people wants to go with any trip through travelers then they visit different-different travel agency personally and its take too much time so here we provide the platform to overcome this problem.
- Here we provide travelers to available travel agencies details based on users budget and using them user will choose satisfied package.

#### 1.3 Scope:

- We will provide them the best travel agencies profile.
- Here we have a large no of targeted audience.
- We are changing the existing system in future.

- **Manage users:** Users are managed by completing their requirements. By giving response to them. They can choosing travel agency based on them satisfaction. They can also give suggestions.
- **Manage Notifications:** admin will manage this. Users can see all the notifications.
- **Manage Booking:** This is managed by admin side. Keep record of all the booking. That is on which date the booking done.
- **Manage Inquires:** admin will manage this. User can also manage it see.

## 1.4 Technology and Literature Review:

- The used in our project is HTML, CSS, .NET., Ajax and SQL server
- Tools used are Microsoft visual studio and SQL server 2010.
- We will follow the Incremental model for developing this Project and whole Project will be developed using the SDLC scenario.

### HTML

- HTML an initialize of Hyper Text Markup Language for webpages.
- It provides a means to describe the structure of text based information in document by denoting text as headings, paragraphs, lists and so on and to supplement that text with interactive forms, embedded images and other objects.

### CSS

- CSS is used to control the style of web document in a simple and easy way.
- CSS is acronym for “cascading style sheet”.
- CSS is a simple design language intended to simply the process of making web pages presentable.
- CSS handles the look and feel part of the web page.
- Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraph, how columns are sized and laid out, what background images or color are

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## **1. INTODUCTION**

used, layout designs, variations in display for different devices and screen sizes and varieties of other effects.

### **.NET**

- ASP.NET is a unified Web development model that includes the services necessary for you to build enterprise-class Web applications with a minimum of coding.
- ASP.NET is part of the .NET Framework, and when coding ASP.NET applications you have access to classes in the .NET Framework.
- You can code your applications in any language compatible with the common language Runtime (CLR), including Microsoft Visual Basic and C#.
- Three types of ASP.NET: Web pages, MVC, Web Forms.
- These language enable you to develop ASP.NET application that benefit from the common language runtime, type safety, inheritance and so on.

## **CHAPTER 2**

# **SOFTWARE PROJECT MANAGEMENT**

## **2.1 Project planning and scheduling**

### **2.1.1 Project Planning**

- Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment.
- Initially, the project scope is defined and the appropriate methods for completing the project are determined. Following this step, the durations for the various tasks necessary to complete the work are listed and grouped into a work breakdown structure.
- Project planning is often used to organize different areas of a project, including project plans, workloads and the management of teams and individuals.

### **2.1.2 Project Scheduling**

- Project Scheduling is the culmination of a planning activity that is primary component of software project management.
- When combined with estimation methods and risk analysis, scheduling, establishes a road map for the project management.
- Scheduling begins with the process composition. The characteristics of the project are used to adapt an appropriate task set for the work to be done.
- The task network is used to compute the critical project path, a time line chart and a variety of project information.

## **2.2 Project Development Approach**

The activities we followed for this project is listed below:

- Planning the work or objectives

- Analysis & Design of objectives
- Assessing and controlling risk.
- Allocation of resources
- Organizing the work
- Database Designing
- Form Design
- Testing
- Maintenance

The Process Paradigm we used for our project is Incremental Model.

### **The Incremental Software Process Model**

- The Incremental Model combines elements of the linear sequential model with the iterative philosophy of prototyping. The incremental model applies linear sequences in a staged fashion as calendar time progresses.
- Each linear sequence produces a deliverable “increment” of the software. For example, word processing software developed using the incremental paradigm might deliver basic file management, editing and document production functions in the first increment; more sophisticated editing and document production capabilities in the second increment; spelling and grammar checking in the third increment; and advanced page layout capability in the fourth increment.
- It should be noted that the process flow for any increment can incorporate the prototype paradigm.
- When an incremental model is used, the first increment is often a core product. That is, basic requirements are addressed, but many supplementary features remain delivered.
- The core product is used by the customer. As a result of use and/or evaluation, a plan is developed for the next increment. The plan addresses the modification of the core product to better meet the needs of the customer and the delivery of additional features and functionality.

- This process is repeated following the delivery of each increment, until the complete product is produced.
- The Incremental process model, like prototyping and other evolution approaches, is iterative in nature.
- But unlike prototyping, the incremental model focuses on the delivery of an operational product with each increment. Early increments are stripped down versions of the final product, but they do provide capability that serves the user and also provide a platform for evaluation by the user.

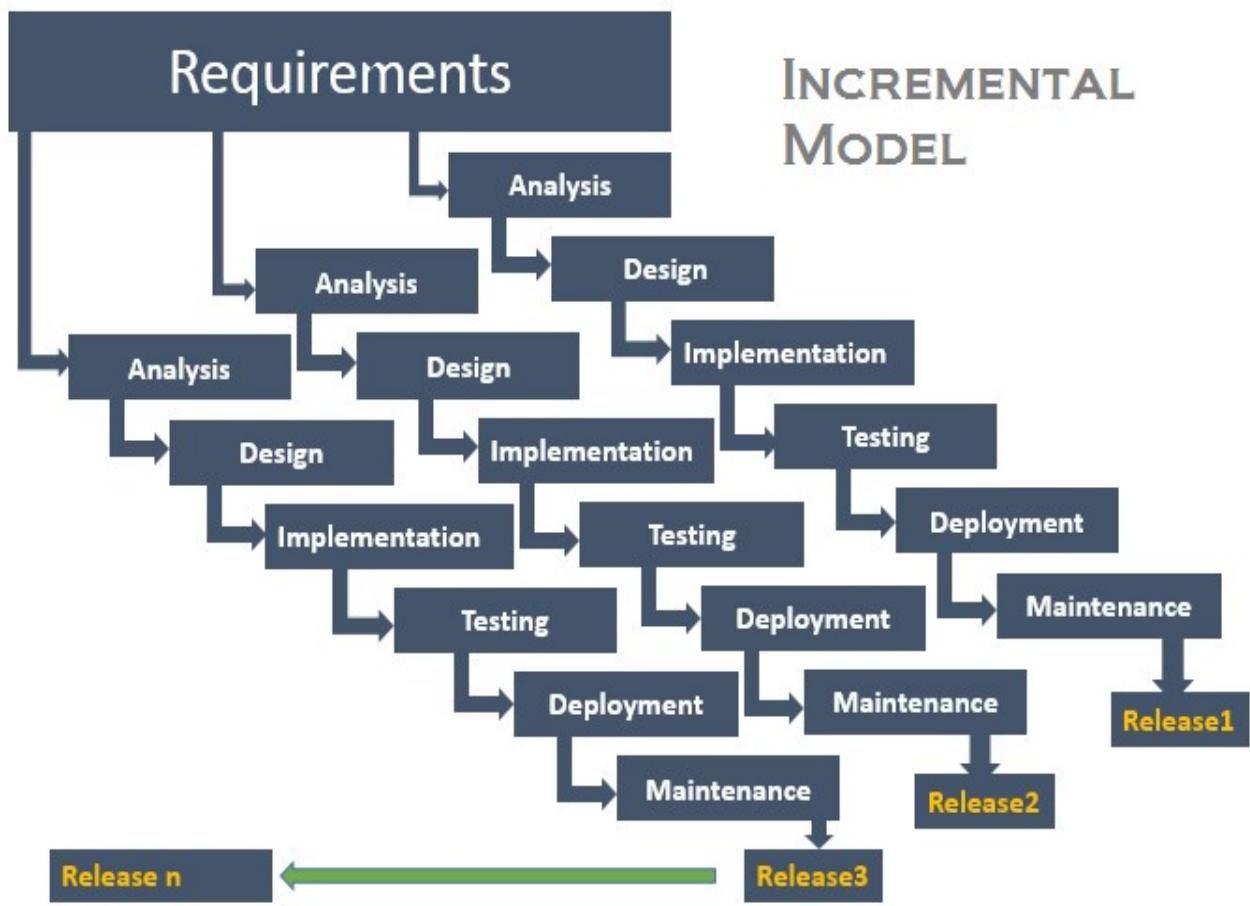


Figure 2.1 Incremental Model

### 2.3 Project Plan

	<b>From Date</b>	<b>To Date</b>
<b>1.Preliminary Investigation</b>	2/7/2017	4/8/2017
<b>2.Requirment Analysis</b>	5/8/2017	15/9/2017
<b>3.Designing</b>	22/9/2017	28/10/2017
<b>4.Implementation</b>	5/1/2018	16/3/2018
<b>5.Testing</b>	17/3/2018	15/4/2018

Table 2. 1 Project Plan

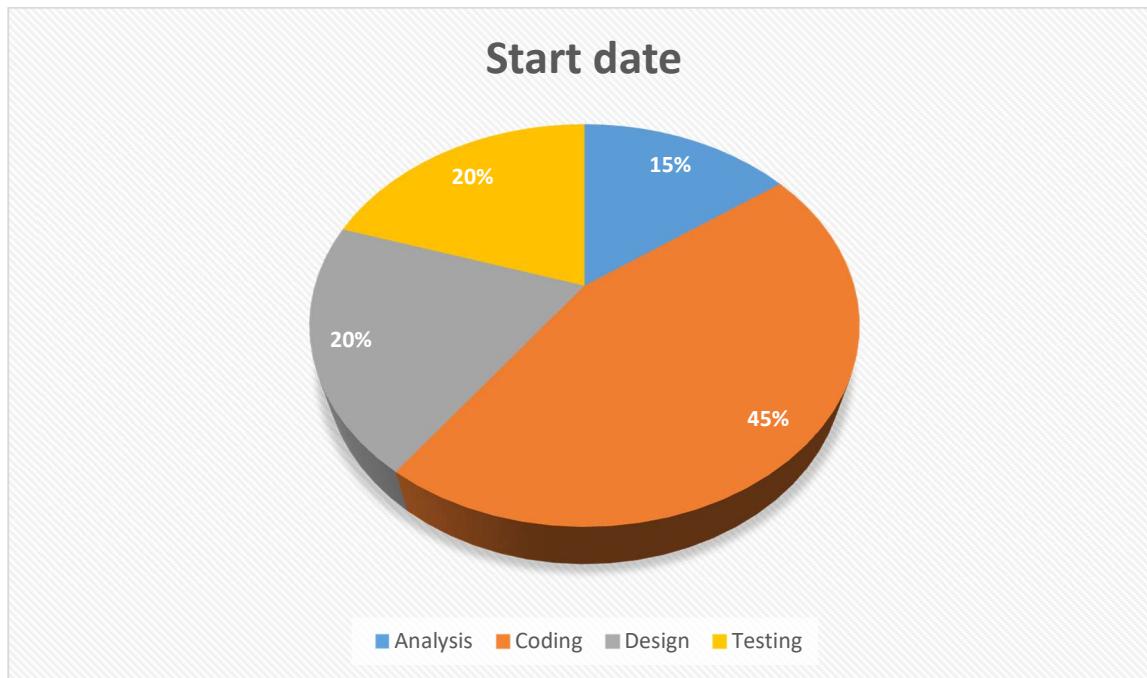


Figure 2.2 Pie Chart

### **2.3.1 Milestone and Deliverable**

- In this project, we went through Module Wise Completion. First we did analysis of first module; we went through all the requirements for first module that is Admin Module.
- By this analysis we decided field of all the tables of Admin Module. Then we started Database Design.
- After completing it we started with the design of all forms of this module. Then we did coding and finally validations and testing of forms that we made.
- After completing the first module we started the same procedure for the User Module.
- After that we completed User Module. Between this we did settings forms e.g. Change theme, change background color of the main screen etc.
- There was continuously interaction with the client that was very beneficial focus.
- When we completed whole project we started testing the whole project for final verification.
- Then we started documentation of our project. Finally, we completed the project with client's satisfaction.
- A milestone is an end point of software process activity.

<b>Software Process Activity</b>	<b>Milestones</b>
Project Plan	Project Schedule
Requirement Collection	User requirements
Data Flow Analysis	System Flow
Design	System Design Document
1. Database Design	
Implementation	
1. Code For giving security	Access
Testing	Setting validation and error message

Table 2. 2 Milestones and Deliverables

### 2.3.2 Roles and Responsibilities

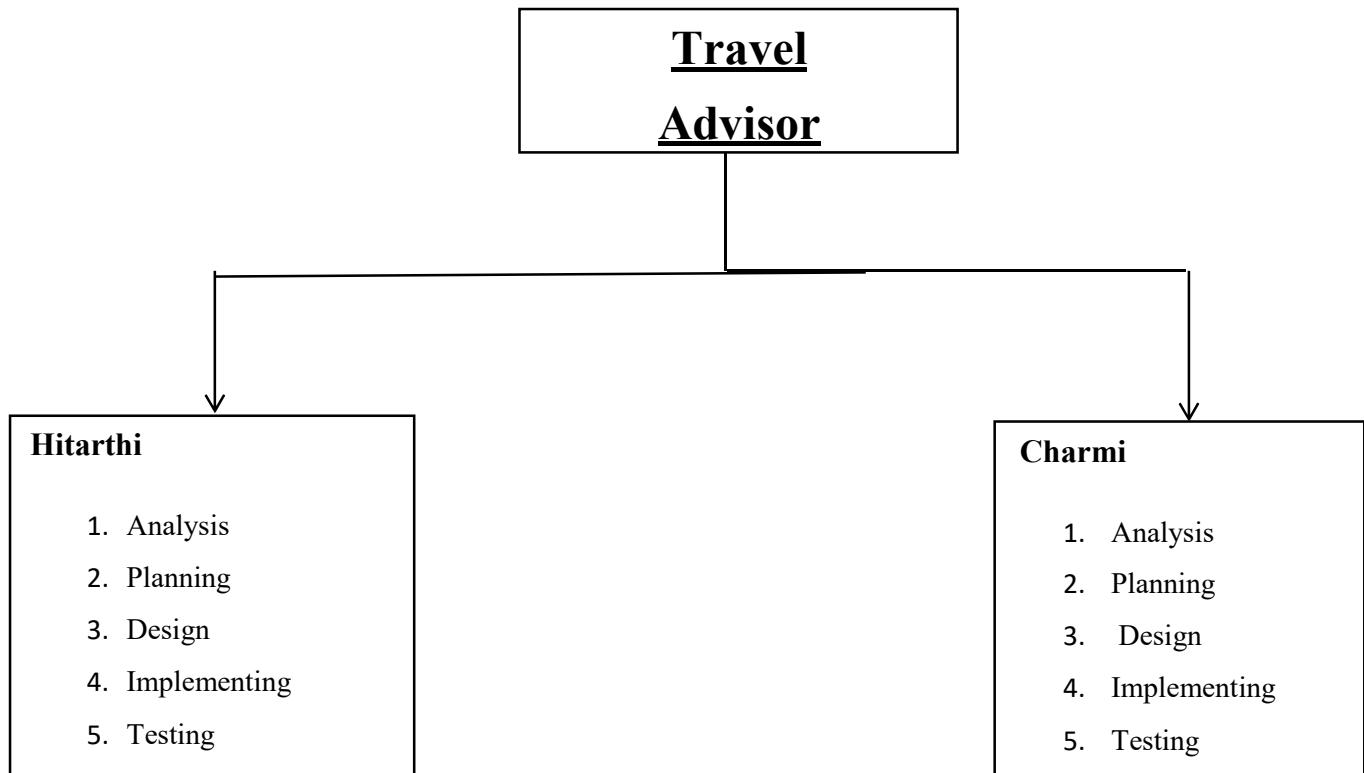


Figure 2.3 Roles and Responsibilities

### 2.3.3 Gantt Chart:

Sr. no	Task name	duration	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18
1	Information Gathering	3w										
2	Requirement Analysis	4w										
3	Project planning	3w										
4	Designing	6w										
5	Coding	21w										
6	Implementation	3w										
7	Testing	3w										
8	Project Documentation	2w										

### **2.3.4 Cost Estimation**

#### **The COCOMO Model**

- Like all estimation models for software, the COCOMO models require sizing information.
- Different sizing options are available as part of the model hierarchy: object points, function points, and lines of source code.
- Like function points, the object point is indirect software that is computed using counts of the number of

(1) Screens (at the user interface),

(2) Reports,

(3) Components likely to be required to build the application.

- Once complexity is determined, the number of screens, reports, and components are weighted according to Table above.
- The object point count is then determined by multiplying the original number of object instances by the weighting factor in table above and summing to obtain a total object point count.
- When component based development or general software reuse is to be applied, the percent of reuse (%reuse) is estimated and the object point count is adjusted:
- **NOP = (object points) X [(100 - %reuse) / 100].**

Where NOP is defined as new object points. To derive an estimate of effort based on the computed NOP value, a “productivity rate” must be derived.

- **PROD=NOP /person-month**
- For different levels of developer experience and development environment maturity. Once the productivity rate has been determined, an estimate of project effort can be derived as Estimated effort =NOP/PROD.
- There are three types of software project:
  - Organic project

**Group Id-19754**

## **2. SOFTWARE PROJECT MANAGEMENT**

- Semi project

- Embedded project

**Cost required to develop project=effort\*RS/month**

In Organic= $2.4 (\text{KLOC})^{1.05}$  PM

In semidetached= $3.0(\text{KLOC})^{1.12}$  PM

In Embedded= $3.6(\text{KLOC})^{1.20}$  PM

- **Duration Estimation(D):**

In Organic= $2.5(\text{effort})^{0.38}$  months

In semidetached= $2.5(\text{effort})^{0.35}$  months

In Embedded= $2.5((\text{effort})^{0.32}$  months

- **Person Estimation:**

P=E/D

**KLOC=Kilo Line of Code**

**In Our Project:**

- total line of code=16,021
- KLOC=16.03

We are using Organic Project Type,

**Effort Estimation (E):**

= $2.4 (\text{KLOC})^{1.05}$  PM

=44.19 PM

**Duration Estimation (D):**

= $2.5(\text{effort})^{0.38}$  month

= $2.5(44.19)^{0.38}$  months

=10.54 months

**Project Cost:**

**SOCET (CE)**

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=effort\*RS/month

=44.19\*12,000

=5,30,280 RS

**2. SOFTWARE PROJECT MANAGEMENT****Advantages of COCOMO:**

- COCOMO is factual and easy to interpret.
- One can clearly understand how it works.
- Accounts for various factors that affect cost of the project.
- Works on historical data and hence is **more** predictable and accurate.

**Disadvantages of COCOMO:**

- COCOMO model ignores requirements and all documentation.
- It ignores **customer skills**, cooperation, knowledge and other parameters.
- It oversimplifies the impact of safety/security aspects.
- It ignores hardware issues

## CHAPTER 3

# SYSTEM REQUIREMENT STUDY

### 3.1 User Characteristics:

- It describes the type of user which deals with the applications. Basically, this application has two types of users as given below:
  1. Administrator
  2. User

#### 1. Administrator:

- Responsibility of administrator is to manage the application database and update the data in database regularly. For e.g. manage the data of travel agencies.

#### 2. User

- Once the website being tested and being uploaded then after customer (or end user) will use this website.

### 3.2 Hardware and Software Characteristics:

#### Hardware Requirements:

- Minimum 2.27Ghzprocessor
- RAM: 2GBminimum

#### Software Requirements:

- .NET compatible System

#### Hardware requirement for .net:

- Minimum 2.0 GHz processor
- Minimum 2GB of RAM

**Software requirement for .net Development:**

- Microsoft visual studio
- SQL Database

**3.3 Constraints:**

**3.3.1 Regulatory Policies:**

- Regulatory Policies or mandates, limit the discretion of individual and agencies, or otherwise compel certain types of behavior.
- These policies are generally thought to be best applied when good behavior can be easily defined and bad behavior can be easily regulated and punished through fine and sanctions.

**3.3.2 Hardware Limitation**

- The smooth functionality of the portal mainly depends on the speed of hardware and then on speed of the internet.
- It is always advisable to be update as far as hardware is concerned. The hardware limitation occurs if the user is still using a very low MHz processor or a RAM or less than 128Mb.
- This will generally reduce the portal and also the use will waste a lot of useful time, energy and resource.

## CHAPTER 4

# SYSTEM ANALYSIS

### 4.1 Study of Current System

- Currently there isn't any website that provide online travel agencies.
- User easily find hotel and different places online but they can't find full arrange trip.

### 4.2 Requirement of this System

- We are developing travel agency web application by using this website easy to find travel agency. And we select one of them, based on their budget and also select satisfied package.
- Currently, this type of concept is not available in market. We are developing web application on this creative concept.

#### 4.2.1 Functional Requirement:

- User who uses this portal should know how to operate the windows. Because the software has the same look and features like whole software is menu driven.
- Just click and corresponding link from menu of hyperlink will be opened.

#### Identification of functional requirement:

- The high level functional requirement often needs to be identified from an informal problem description document or from a conceptual understanding of the problem.
- Each high level requirement characterizes a way of system usage by some users to perform some meaningful piece of work.

#### Documentation of functional requirement:

- For documenting the functional requirement we need to specify the set of functionalities supported by the system.
- A function can be identified the state at which the data to input to the system, its

- Input data domain, the output data domain, and the type of processing to be carried out on the input data to obtain the output data.

#### 4.2.2 Non-functional requirement:

##### Usability:

- The interface should use terms and concepts, which are drawn from the experience of people who will make most of the system.

##### Efficiency:

- The portal must provide easy and fast access without consuming more cost.

##### Readability:

- User should never be surprised by the behavior of the system and it should also provide meaningful feedback when error occurs so that user can recover from the error.

##### Accuracy:

- The user should require that data are obtained from database and stored in database must be accurate.

##### Security:

- The user wants the data stored in database must be secured and cannot be accessed by unauthorized user.

##### Maintainability:

- User wants that the system should be maintained easily means that if there are some changes required in the system that can be done easily.

### 4.3 Feasibility Study

- Feasibility is the measure of how beneficial the development of information system will be to an organization.
- The feasibility analysis is categorized under four different types.

1. Operational Feasibility
2. Technical Feasibility
3. Schedule Feasibility
4. Economic Feasibility

**1. Operational Feasibility:**

- The System is to be developed for any user who wants to use it. We want our system user friendly and easy to use.
- The administrator also may be non-technical, so the user interface will be designed in such a way that it gets comfortable for non-technical person to operate easily.

**2. Technical Feasibility:**

- It is a partially measurement of specific technical solution and the availability of technical resorts and expertise.
- The analyst must find out whether the current technical resources, which are available in the system is capable of handling the job.
- If not, then the analyst with the help of developer should confirm whether the technology is available and capable or not.

**Better Considering:**

- Here we have to consider those tools which are required for developing the project.
- As far as basic knowledge concerned we have studied basic of objective-C and SQL.

**3. Schedule Feasibility:**

- Schedule feasibility corresponds to whether sufficient time is available to complete the project.

**Factor considered:**

- Schedule of the project
- Time by which project has to be completed
- Reporting period

**4. Economic feasibility:**

- Economic feasibility is a measure of cost effectiveness of a project or solution.
- For declaring that the system is economically feasible, the benefits from the project should exceed or at least to the equal to the cost of development.

**4.4 Requirement Validation:**

- Requirement validation examines this specification to ensure that all the system requirements have been stated an ambiguously.
- These inconsistent, error have been detected and corrected and the work products confirmed to the standard.
- Source of the requirement are identified, final Statement of requirement has been examined by original source.
- Requirements related to main requirements are founds.
- Requirements are clarifying stated and are not misinterpreted.
- All sources of requirements are covered to get a maximum requirement.
- All method of finding requirements is applied.

## 4.5 Function of the System:

### 4.5.1 Use-Case:

- In software and systems engineering, a **use case** is a list of steps, typically defining interactions between actor and a system, to achieve a goal.
- The actor can be a human, an external system, or time.
- In systems engineering, use cases are used at a higher level than within software engineering, often representing missions or stakeholder goals.
- The detailed requirements may then be captured in Systems Modeling Language or as contractual statements.
- As an important requirement technique, use cases have been widely used in modern software engineering over the last two decades.
- Use case driven development is a key characteristic of process models and frameworks.
- With its iterative and evolutionary nature, use case is also a good fit for agile development.

**Admin:**

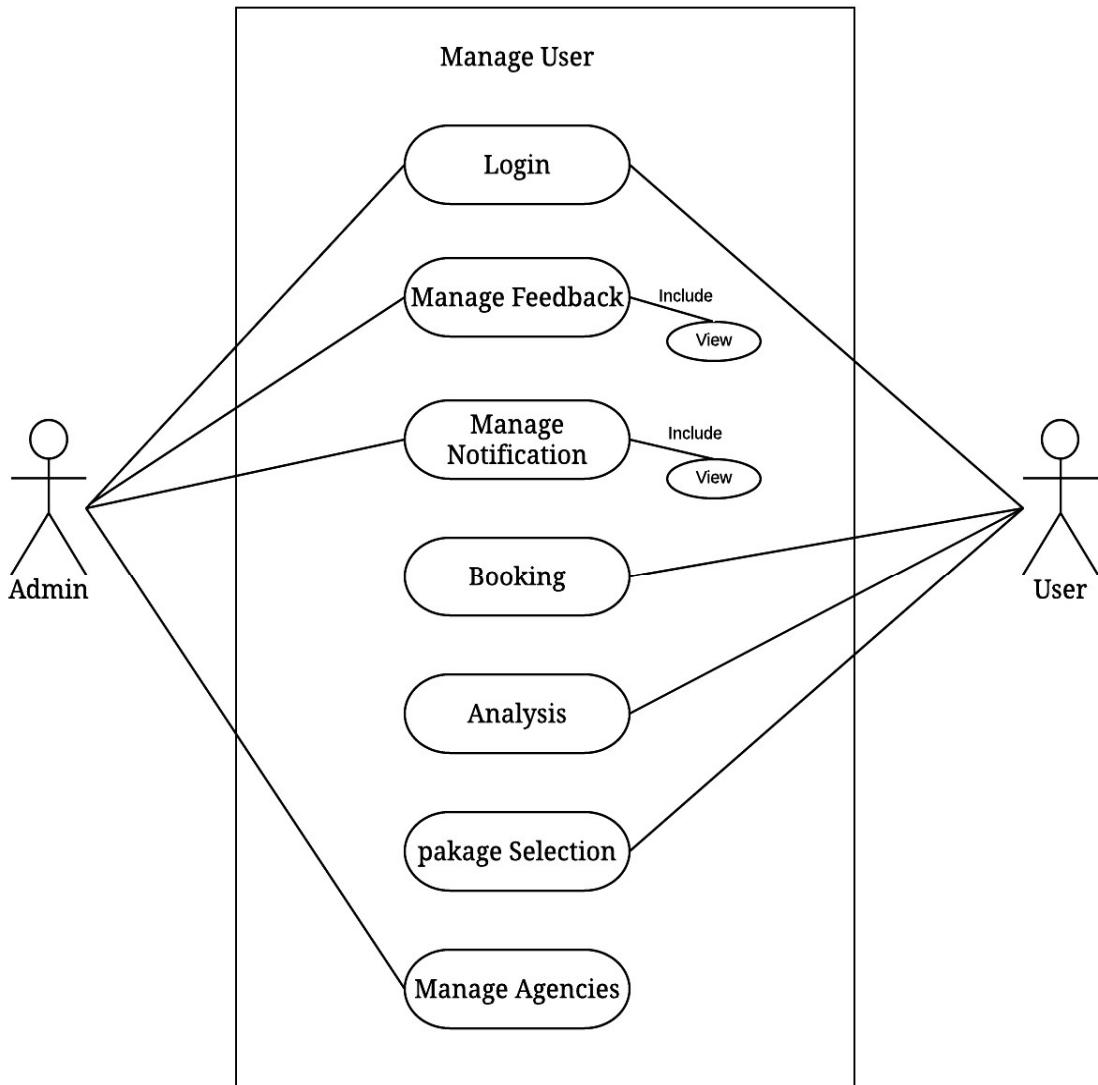


Figure 4.5.1 Use-Case

#### 4.5.2 Activity Diagram:

Admin:

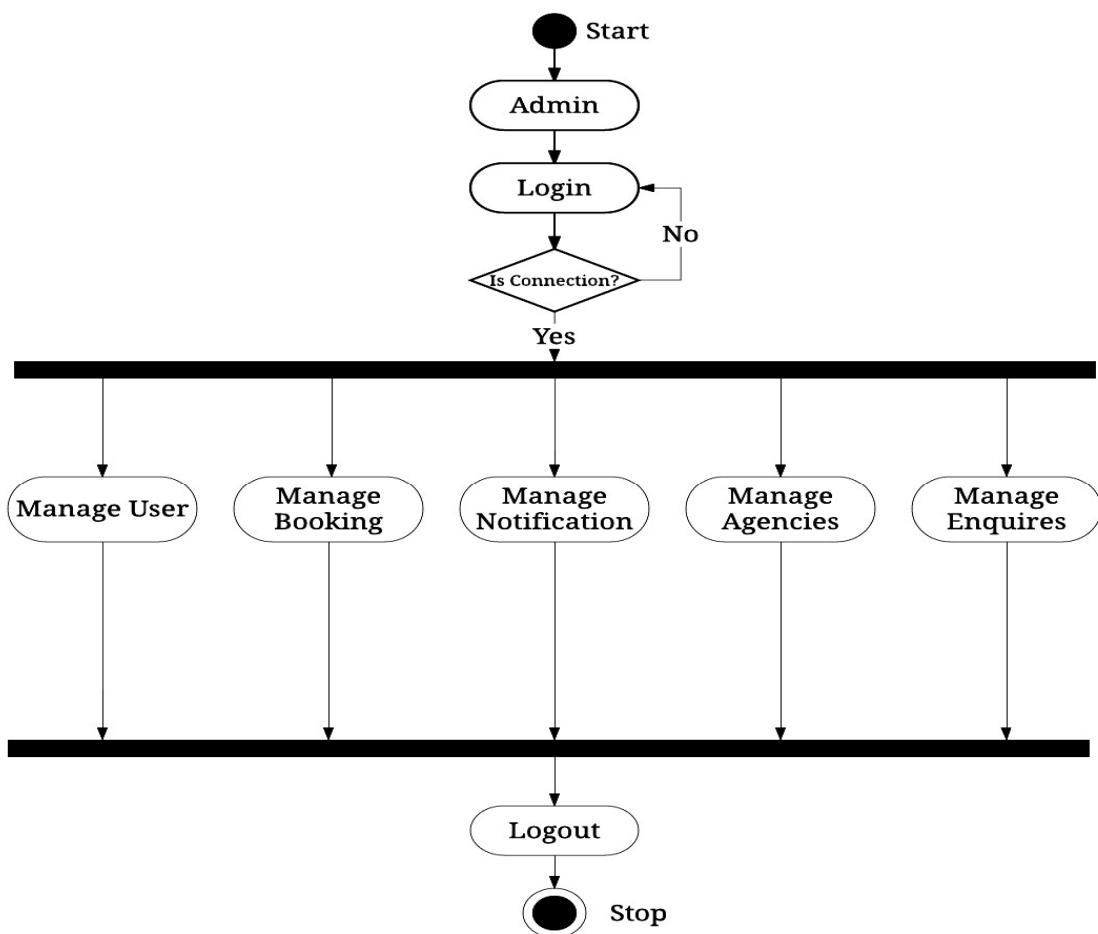


Figure 4.5.2 Admin

User:

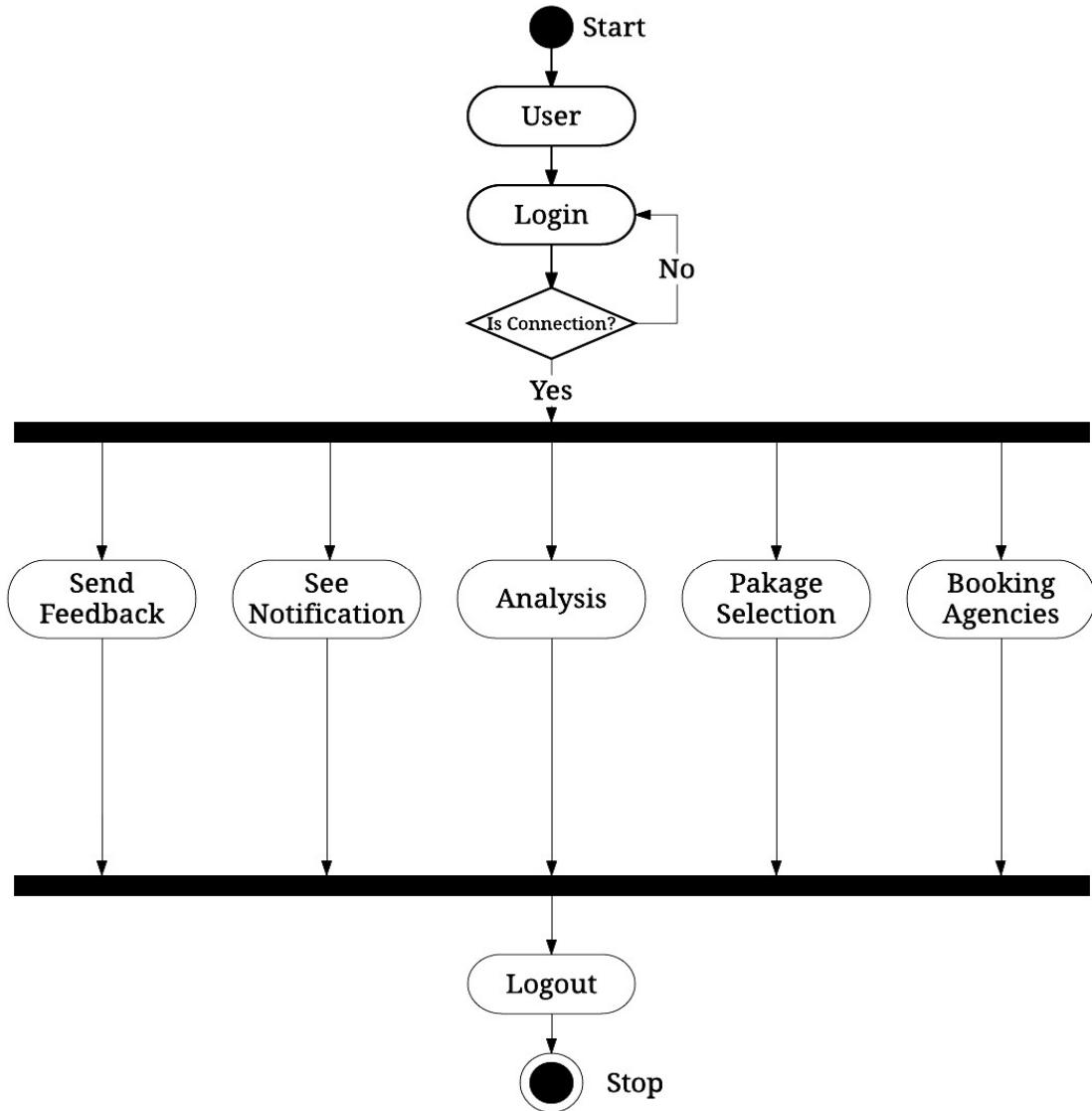


Figure 4.5.2 User

#### 4.5.3 Sequence Diagram:

- The well-known Message Sequence Chart technique has been incorporated into the Unified Modeling Language (UML) diagram under the name of **Sequence Diagram**.
- A sequence diagram shows, as parallel vertical lines, different processes or objects that live simultaneously, and, as horizontal arrows, the messages exchanged between them, in the order.
- This allows the specification of simple runtime scenarios in a graphical manner.
- The well-known Message Sequence Chart technique has been incorporated into the Unified Modeling Language (UML) diagram under the name of **Sequence Diagram**. A sequence diagram shows, as parallel vertical lines, different processes or objects that live simultaneously, and, as horizontal arrows, the messages exchanged between them, in the order in which they occur. This allows the specification of simple runtime scenarios in a graphical manner.

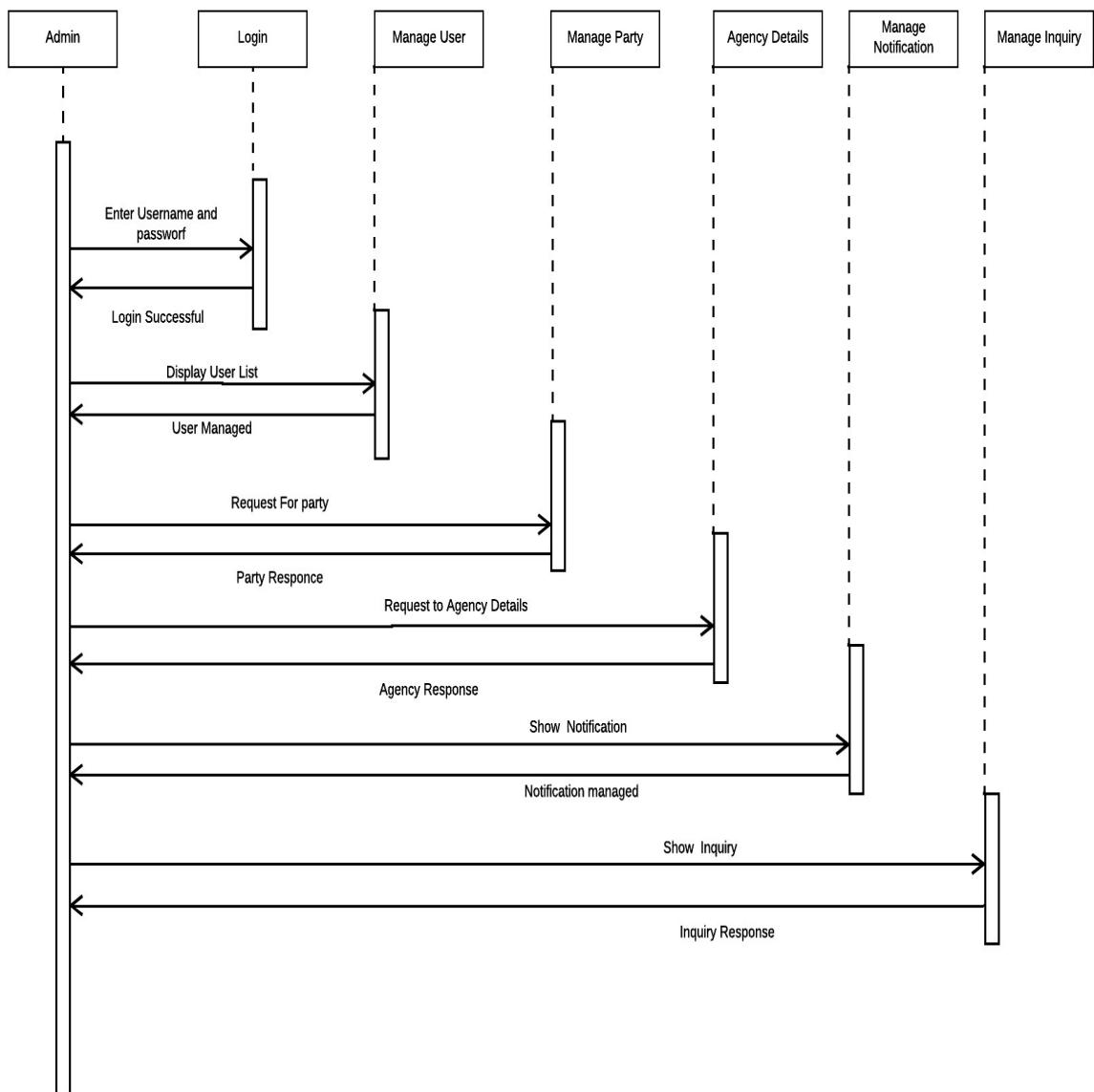
**Admin:**

Figure 4.5.3 Admin

**User:**

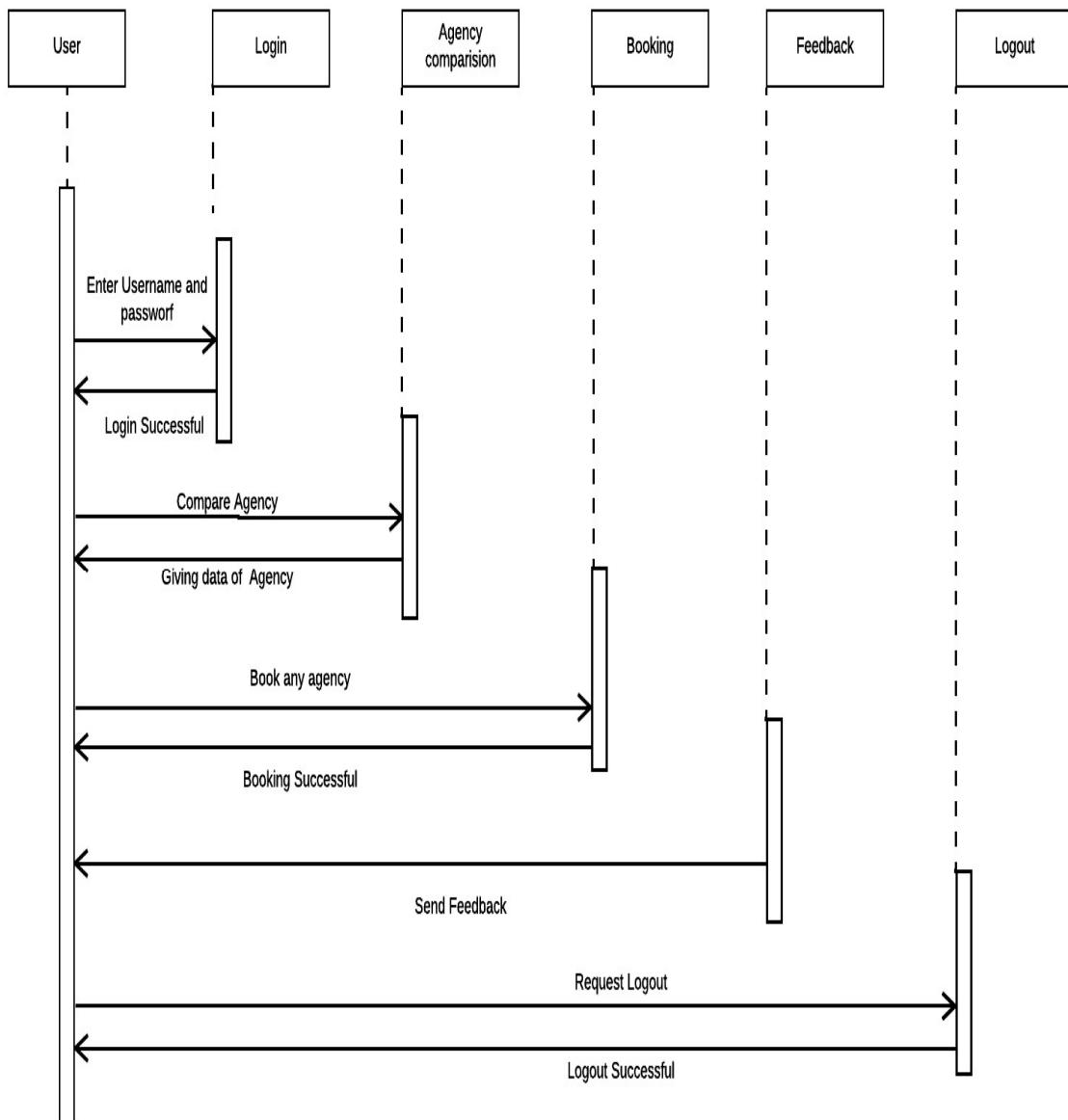


Figure 4.5.3 User

## 4.6 Modeling:

### 4.6.1 E-R Diagram:

- In software engineering, an **entity–relationship model (ER model)** is a data model for describing the data or information aspects of a business domain or its process requirements, in an abstract way that lends itself to ultimately being implemented in a database such as a relational database.
- The main components of ER models are entities and the relationships that can exist among them, and databases.
- An entity-relationship model is a systematic way of describing and defining a business process.
- The process is modeled as components (entities) that are linked with each other by relationships that express the dependencies and requirements between them, such as: one building may be divided into zero or more apartments, but one apartment can only be located in one building. Entities may have various properties (attributes) that characterize them.
- Diagrams created to represent these entities, attributes, and relationships graphically are called entity–relationship diagrams.

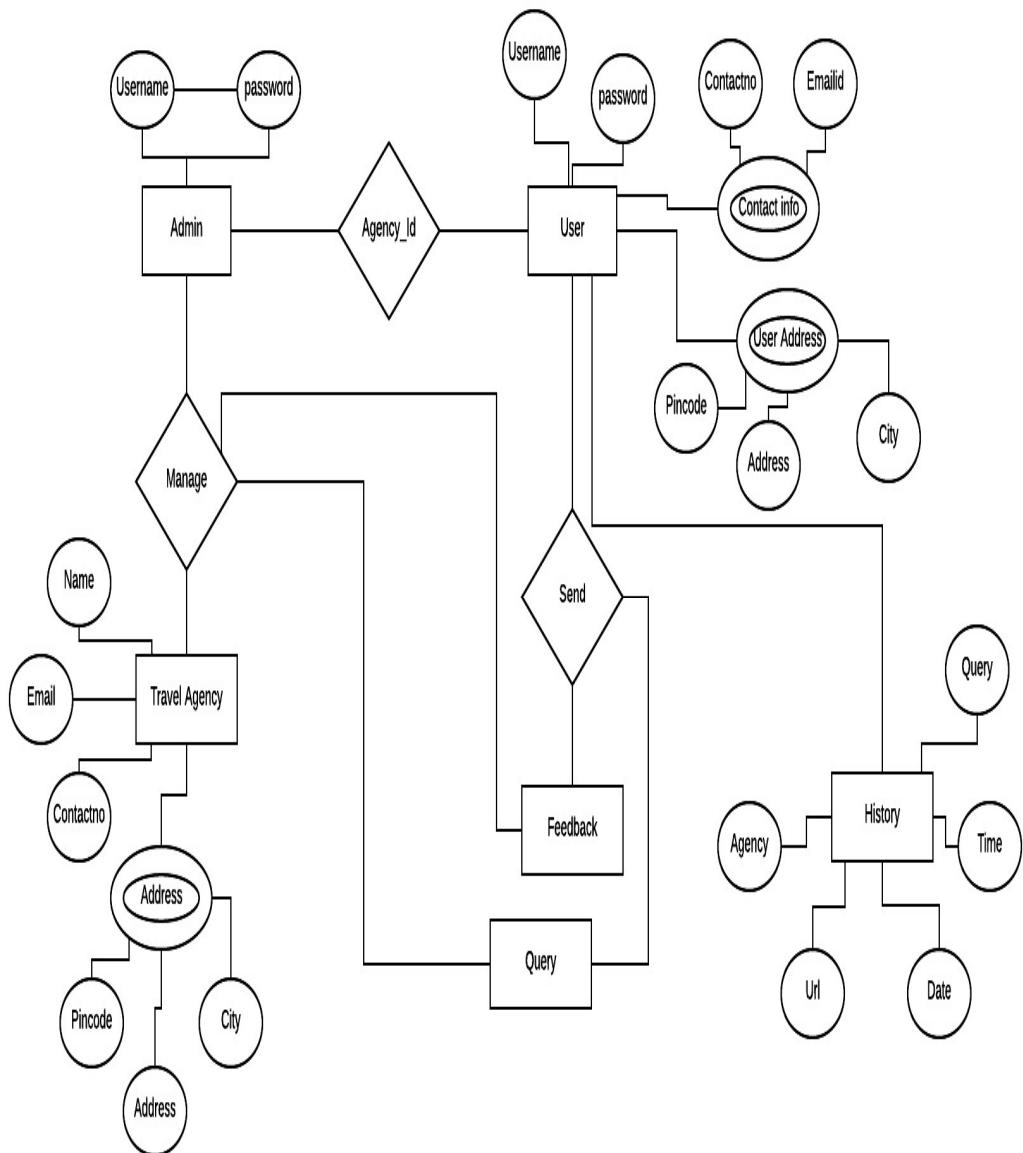


Figure 4.6.1 E-R Diagram

#### 4.6.2 Class Diagram:

- In software engineering, a **class diagram** in the Unified Modeling Language (UML) is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations (or methods), and the relationships among objects.
- The class diagram is the main building block of object oriented modeling.
- It is used both for general conceptual modeling of the systematic of the application, and for detailed modeling translating the models into programming code.
- Class diagrams can also be used for data modeling.
- The top part contains the name of the class. It is printed in Bold, centered and the first letter capitalized.
- The middle part contains the attributes of the class. They are left aligned and the first letter is lowercase.
- The bottom part gives the methods or operations the class can take or undertake. They are also left aligned and the first letter is lowercase.

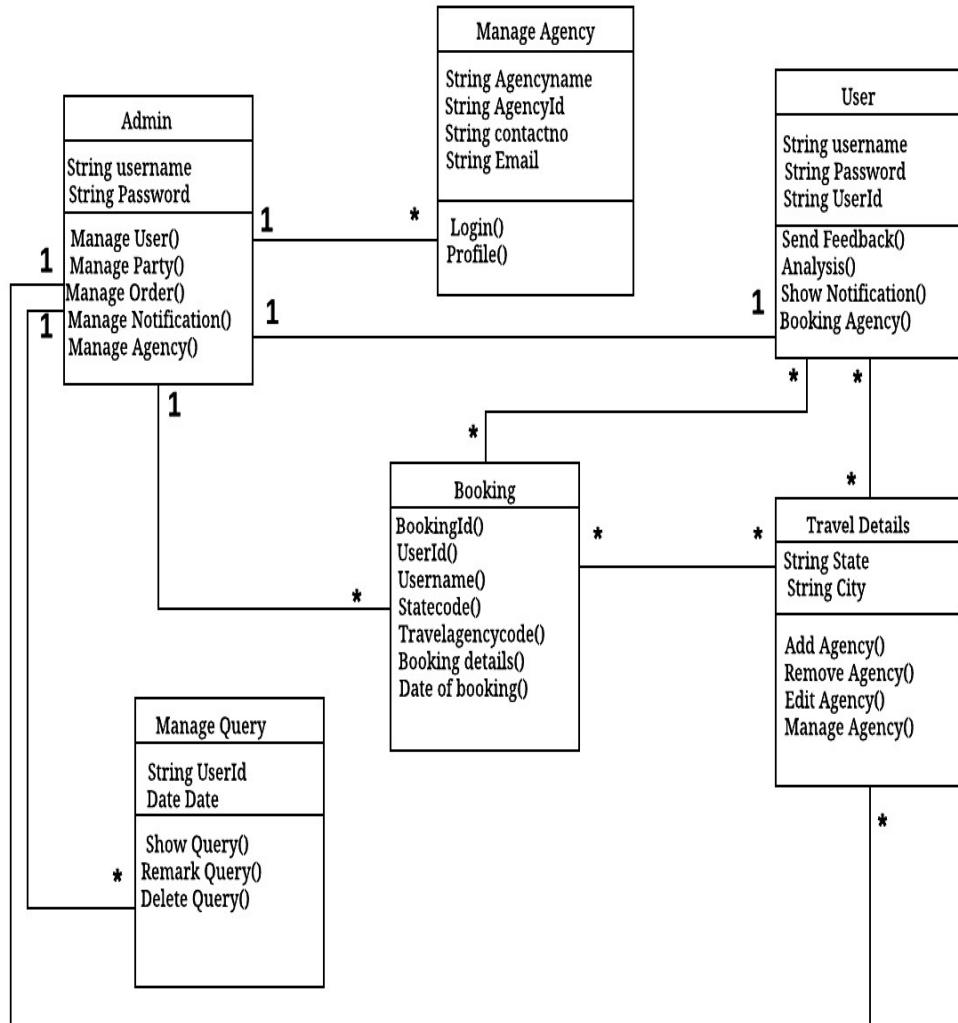


Figure 4.6.2 Class Diagram

#### 4.6.1 Data Dictionary

**Table Name:** State table

**Description:** This Table stores the state information

**Primary key:** State\_id

Field	Data type	Constrains	Description
State_id	INT	Primary key	Id of the state
State_name	VARCHAR(30)	NO	Name of the state

Table 4.1 State table

**Table Name:** City table

**Description:** This Table stores the City information

**Primary key:** City\_id

Field	Data type	Constrains	Description
City_id	INT	Primary key	Id of the state
City_name	VARCHAR(30)	NO	Name of the state

Table 4.2 City table

**Table Name:** Admin

**Description:** This Table stores the Admin information

**Primary key:** Admin\_id

Field	Data type	Constraints	Description
Admin_Id	INT	Primary key	Id of the admin
Admin_Name	VARCHAR(10)	No	Name of the admin
Password	VARCHAR(10)	No	Password of the admin
Email_Id	VARCHAR(10)	No	Email of the admin
Phone_no	NUMBER(10)	No	Phone no of admin
Mobile_no	NUMBER(10)	No	Mobile no of admin

Table 4.3 Admin

**Table Name:** Travel agencies registration

**Description:** This Table stores the information of travel agencies.

**Primary key:** Agency\_id

Field	Data type	Constrains	Description
Agency_Id	INT	Primary key	Id of the agency
Agency_name	VARCHAR(10)	NO	Name of the agency
E-mail_id	VARCHAR(10)	NO	Mail id of the agency
Phone_no	NUMBER(10)	NO	Phone no of agency
Mobile_no	NUMBER(10)	NO	Mobile no of agency
Password	VARCHAR(7)	NO	Password of the agency

Table 4.4 Agency Registration

**Table Name:** User registration**Description:** This Table stores the User information**Primary key:** User\_id

Field	Data type	Constrains	Description
User_Id	INT	Primary key	Id of the user
User_name	VARCHAR(10)	NO	Name of the user

E-mail_id	VARCHAR(10)	NO	Mail id of the user
Phone_no	NUMBER(10)	NO	Phone_no of party
Mobile_no	NUMBER(10)	NO	Mobile_no of party
Password	VARCHAR(7)	NO	Password of the user

Table 4.5 User

**Table Name:** inquiry.

**Description:** This Table stores the information of the Inquiry being made.

**Primary key:** User\_id

Field	Data type	Constrains	Description
User_id	INT	NO	Primary key
User_name	VARCHAR(10)	NO	Name of the User
Inquiry_no	NUMBER(20)	NO	No of Inquiry
Inquiry_details	VARCHAR(200)	NO	Information

Table 4.6 Inquiry

**GROUP ID: 19754**  
**Table Name:** Notification

#### 4. SYSTEM ANALYSIS

**Description:** This Table stores the notification

**Primary key:** Id

Field	Data type	Constrains	Description
Id	INT	NO	Primary key
User_id	NUMBER(20)	NO	Id of the user
Message	VARCHAR(30)	NO	Messages of the user
File	VARCHAR(50)	NO	File of the user

Table 4.7 Notification

**Table Name:** Booking

**Description:** This Table stores the agency booking.

**Primary key:** Booking\_id

Field	Data type	Constrains	Description
Id	INT	NO	Id
Booking_no	NUMBER(20)	Primary key	Booking_no

**GROUP ID: 19754****4. SYSTEM ANALYSIS**

Address	VARCHAR(10)	NO	User address
Email-id	VARCHAR(35)	NO	Email-id of the user
Phone_no	NUMBER(10)	NO	Phone_no of user
Mobile_no	NUMBER(10)	NO	Mobile_no of user
User_id	NUMBER(7)	NO	Id of the user
Status	VARCHAR(10)	NO	Status of the party
Agency_id	NUMBER(20)	NO	Agency id
Date	DATE	NO	Date
Time	TIME	NO	Time

Table 4.8 Booking

**Table Name:** Feedback**Description:** This Table stores the user feedback.**Primary key:** --

Field	Data type	Constrains	Description
Subject	VARCHAR(20)	NO	Subject

Message	VARCHAR(20)	NO	Message for the feedback
Name	VARCHAR(10)	NO	Name of the user
Email_id	VARCHAR(20)	NO	Email_id of the user
Feedback_date	DATE	NO	Date of the feedback

Table 4.9 Feedback

## 4.7 Main Modules of New System:

- The main module include in this system are:
  1. Admin Access
  2. User Access
- **Module Wise description:**
- It describes the type of user which deals with the applications. Basically, this application has two types of users as given below:
  1. **Administrator:**
  2. **User:**
  - Responsibility of administrator is to manage the application database and update the data in database regularly. For e.g. manage the data of travel agencies.
  - Once the website being tested and being uploaded then after customer (or end user) will use this website.

#### **4.8 Justification:**

- Asp.Net framework is a part of .NET framework for developing dynamic website, web application and web services.
- My SQL is also best open source database engine to work.
- Combination of both will give great web application as output.

## CHAPTER 5

# SYSTEM DESIGN

Systems design is the process of defining the architecture, components, modules, interfaces, and data for a system to satisfy specified requirements. The System Design Description report provides summary or detailed information about a system design represented by a model. Systems design is therefore the process of defining and developing systems to satisfy specified requirements of the user.

### 5.1 database design/database structure design:

Database design is the process of producing a detailed data model of a database. This logical data model contains all the needed logical and physical design choices and physical storage parameters needed to generate a design in a Data Definition Language, which can then be used to create a database. A fully attributed data model contains detailed attributes for each entity.

Column Name	Data Type	Allow Nulls
Admin_id	nvarchar(10)	<input type="checkbox"/>
Admin_name	varchar(30)	<input type="checkbox"/>
Password	varchar(30)	<input type="checkbox"/>
Email_id	varchar(30)	<input type="checkbox"/>
Phone_no	varchar(30)	<input type="checkbox"/>
Mobile_no	varchar(30)	<input type="checkbox"/>
		<input type="checkbox"/>

	Column Name	Data Type	Allow Nulls
▶🔑	Agency_id	nvarchar(10)	<input type="checkbox"/>
	Agency_name	varchar(30)	<input type="checkbox"/>
	Email_id	varchar(30)	<input type="checkbox"/>
	Phone_no	varchar(30)	<input type="checkbox"/>
	Mobile_no	varchar(30)	<input type="checkbox"/>
	Password	varchar(30)	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

	Id	nchar(10)	<input type="checkbox"/>
▶🔑	Booking_no	nchar(10)	<input type="checkbox"/>
	Address	varchar(30)	<input type="checkbox"/>
	Email_id	varchar(30)	<input type="checkbox"/>
	Phone_no	nchar(10)	<input type="checkbox"/>
	Mobile_no	nchar(10)	<input type="checkbox"/>
	User_id	nchar(10)	<input type="checkbox"/>
	Status	varchar(30)	<input type="checkbox"/>
	Agency_id	nchar(10)	<input type="checkbox"/>
	Date	date	<input type="checkbox"/>
	Time	time(7)	<input type="checkbox"/>
			<input type="checkbox"/>

	Column Name	Data Type	Allow Nulls
▶	City_id	nvarchar(10)	<input type="checkbox"/>
	City_name	varchar(30)	<input type="checkbox"/>
			<input type="checkbox"/>

	Column Name	Data Type	Allow Nulls
▶	Subject	varchar(30)	<input type="checkbox"/>
	Message	varchar(30)	<input type="checkbox"/>
	Name	varchar(30)	<input type="checkbox"/>
	Email_id	varchar(30)	<input type="checkbox"/>
	Feedback_date	date	<input type="checkbox"/>
			<input type="checkbox"/>

	Column Name	Data Type	Allow Nulls
▶	User_id	nchar(10)	<input type="checkbox"/>
	User_name	varchar(30)	<input type="checkbox"/>
	Inquiry_no	nchar(10)	<input type="checkbox"/>
	Inquiry_details	varchar(50)	<input type="checkbox"/>
			<input type="checkbox"/>

Column Name	Data Type	Allow Nulls
Id	nchar(10)	<input type="checkbox"/>
User_id	nchar(10)	<input type="checkbox"/>
Manage	varchar(50)	<input type="checkbox"/>
[File]	varchar(50)	<input type="checkbox"/>
		<input type="checkbox"/>

Column Name	Data Type	Allow Nulls
State_id	nvarchar(20)	<input type="checkbox"/>
State_name	varchar(30)	<input type="checkbox"/>
		<input type="checkbox"/>

Column Name	Data Type	Allow Nulls
User_id	nvarchar(10)	<input type="checkbox"/>
User_name	varchar(30)	<input type="checkbox"/>
Email_id	varchar(30)	<input type="checkbox"/>
Password	varchar(30)	<input type="checkbox"/>
Phone_no	varchar(10)	<input checked="" type="checkbox"/>
Mobile_no	varchar(10)	<input type="checkbox"/>
Type	varchar(30)	<input type="checkbox"/>
[File name]	varchar(30)	<input type="checkbox"/>
Agency_id	varchar(30)	<input type="checkbox"/>
Date	date	<input type="checkbox"/>
Time	time(7)	<input type="checkbox"/>
		<input type="checkbox"/>

## **5.1 System procedural design**

### **5.1.1 Design Pseudo code or algorithm for method or operation**

#### **Admin side:**

- Step 1: enter the URL to open the system
- Step 2: provide user name and password
- Step 3: if username and password both is correct then it will login successfully.
- Step 4: it shows home page
- Step 5: admin can able to perform many operations.
- Step 6: there is also one facility to change password.

#### **User side**

- Step 1: enter the URL to open the system
- Step 2: home page contains many function of the system.
- Step 3: this page contains agency details.
- Step 4: This contains name of agency, price and other many tasks.
- Step 5: feedback and complain a system contains feedback and complains of users.
- Step 6: close the systems.

### 5.1.2 Flow Chart

Admin:

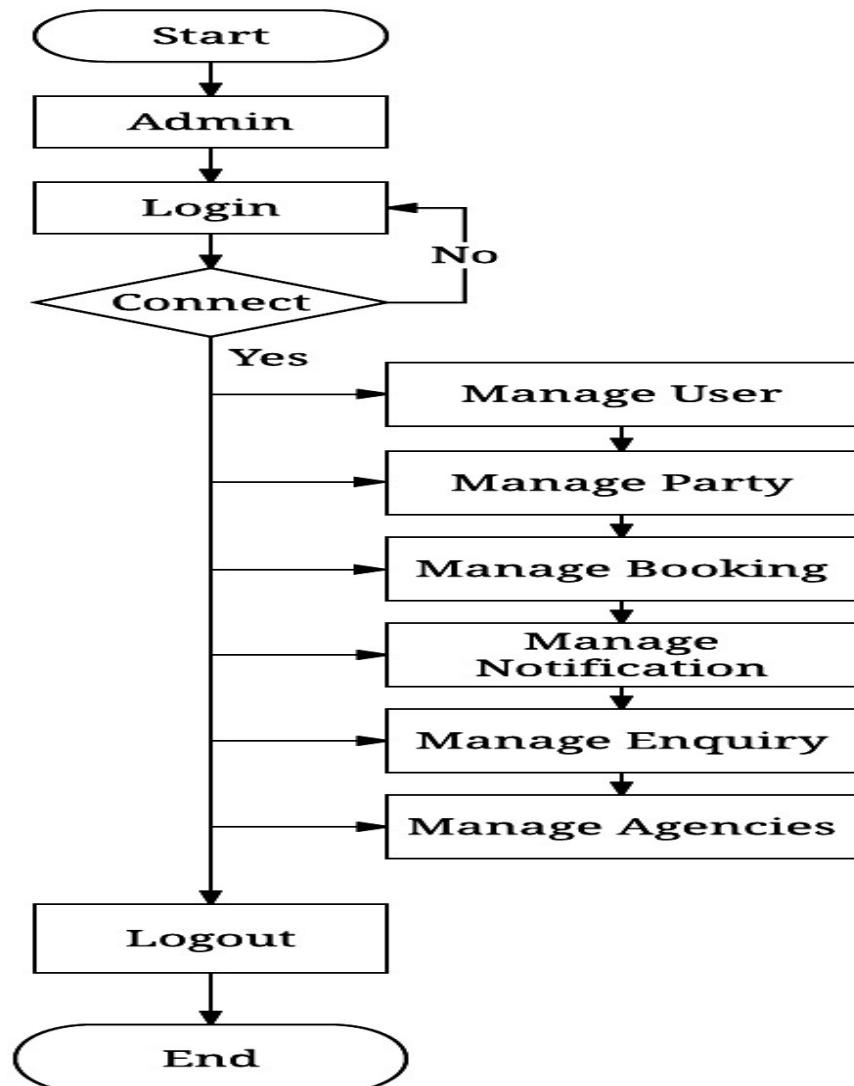


Figure 5.1.2 Flow Chart-Admin

User:

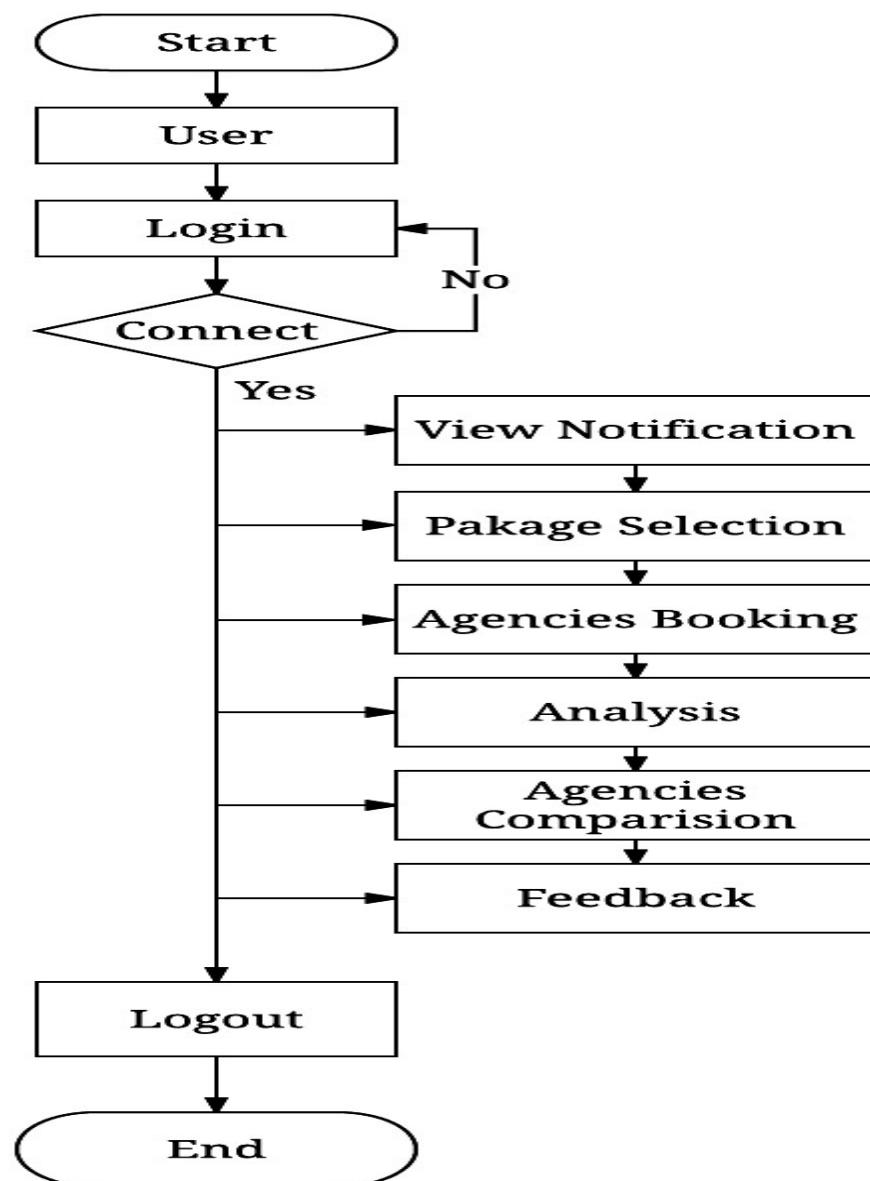


Figure 5.1.2 Flow Chart-User

## 5.2 Data Modeling:

### 5.2.1 State chart diagram

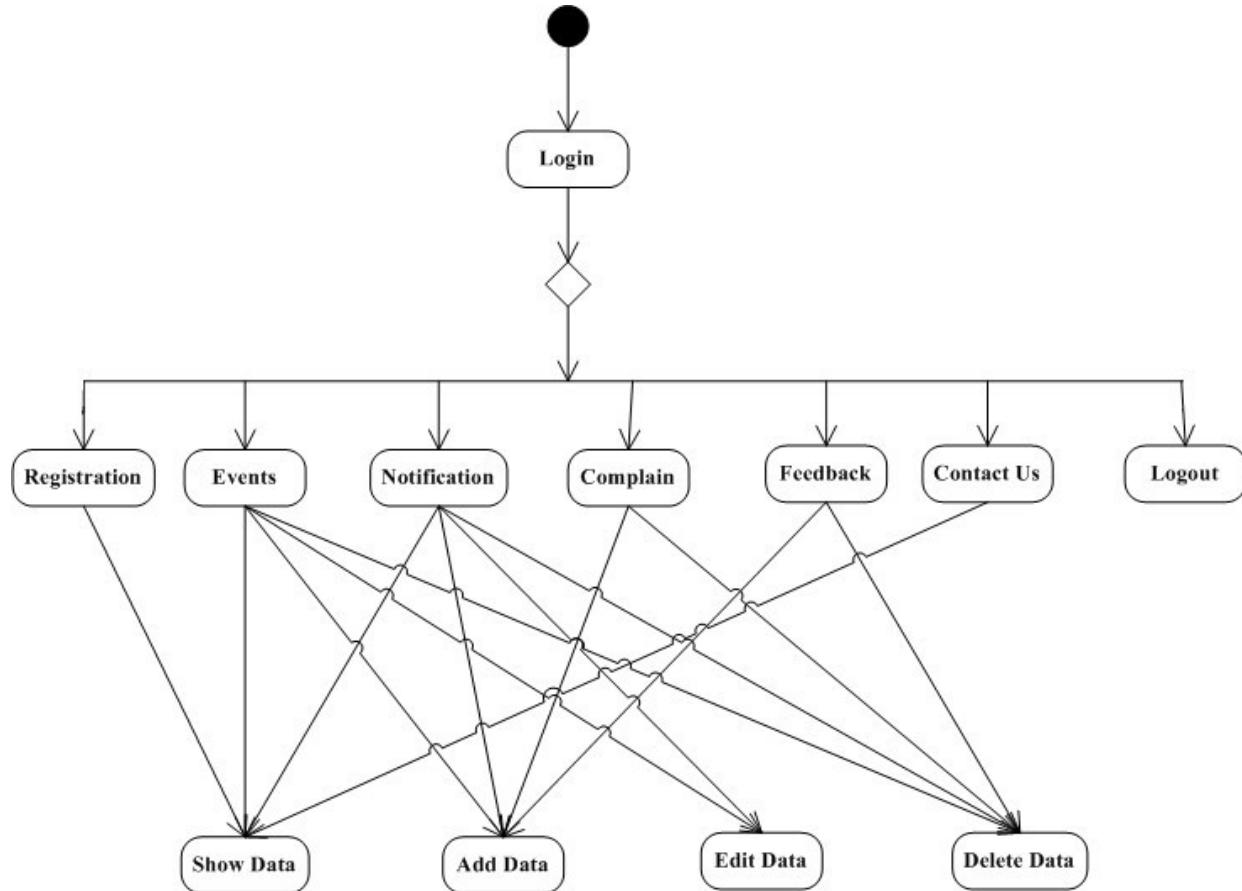


Figure 5.2.1 State Chart Diagram

## **CHAPTER 6**

### **Implementation planning**

#### **6.1 IMPLEMENTATION ENVIRONMENT:**

Travel Advisor is a web application where people can find a different travel agencies and service providers. We are offering to people with best services of different travel agencies in India which inform you regarding different trips in India as well as trip schedule. They also find their trip schedule under their budget. So Travel advisor is a smart system where you can easily find travel organizer.

#### **6.2 MODULE SPECIFICATION:**

- This module provides administrator related functionality like from this module use can add route information, bus information, train information, flight information, tour packages, travel packages, bus seat details, etc.

##### **1. Administrator:**

- Responsibility of administrator is to manage the application database and update the data in database regularly. For e.g. manage the data of travel agencies.

##### **2. User:**

- Once the website being tested and being uploaded then after customer (or end user) will use this website.

#### **6.2 Security Features:**

Secure your business from unauthorized access by people and machines and safeguard against cyber-attacks.

- All functions are secure, intuitive and user friendly, and can be operated by non-technical persons at any time, from any remote location, with an Internet connection and Web browser. A high speed Internet connection is not required.

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## **6. Implementation planning**

- Users of this application can post their opinions, complaints and suggestions regarding this portal and services to the administrator. Accordingly, the administrator can take various steps to act on the complaints and suggestions.
- Restricted user access rights
- Highly secured server
- Regular data back up

### **6.3 Sample Coding:**

#### **Home page Code:**

```
<%@ Page Title="" Language="C#" MasterPageFile "~/frontmaster_withoutlogin.master" AutoEventWireup="true"
CodeFile="Default.aspx.cs" Inherits="_Default" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>

<asp:Content ID="Content3" ContentPlaceHolderID="slider" Runat="Server">
<div class="slider">
<div class="row">
<div class="columns large-12">
<div class="row flexslider-row">
<div class="columns large-12">
<div class="flexslider">
<ul class="slides">
<li></li>
<li></li>
<li></li>
<li></li>
</ul>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</asp:Content>

<asp:Content ID="Content4" ContentPlaceHolderID="companytagline" runat="Server">
<div class="tagline">
<div class="row">
<div class="columns large-12">
<div class="center">
```

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```
<%--<h1>WELCOME TO TOUR ADVISER</h1>--%>
<asp:Literal ID="Literal1" runat="server"></asp:Literal>
<asp:Literal ID="Literal2" runat="server"></asp:Literal>
</div>
</div>
</div>
</div>

</asp:Content>
<asp:Content ID="Content5" ContentPlaceHolderID="servicebox" runat="server">
<div class="service-box">
<div class="row service">
    <h1>Testimonials</h1>
    <asp:Repeater ID="Repeater1" runat="server">
        <ItemTemplate>
<div class="columns large-4">
    <h1 class="service-subtitle"><asp:Label ID="Label1" runat="server" Text='<%# Eval("testimonial_name") %>'></asp:Label></h1>
    <%--<p></p>--%>
    <p><asp:Label ID="Label2" runat="server" Text='<%# Eval("testimonial_desc") %>'></asp:Label></p>
    <%--<p> <a class="button custom">details</a> </p>--%>
</div>
        </ItemTemplate>
    </asp:Repeater>
<%-- <div class="columns large-4">
    <h1 class="service-subtitle">Scelerisque aliquet adipiscing</h1>
    <p></p>
    <p> scelerisque pellentesque duis nascetur crasamet sitter sit eros egestas eu? Aliquet pid porta elit acniitem esm
Risus arcu augue lorem ipsum sit dolor esmet duisra sit eros egestas eu? Aliquet pid porta elit acnisitem sit Risus arcu
augue lorem ipsum sit dolor esmet </p>
    <p> <a class="button custom">details</a> </p>
</div>
<div class="columns large-4">
    <h1 class="service-subtitle">Scelerisque aliquet adipiscing</h1>
    <p></p>
    <p> scelerisque pellentesque duis nascetur crasamet sitter sit eros egestas eu? Aliquet pid porta elit acniitem esm
Risus arcu augue lorem ipsum sit dolor esmet duisra sit eros egestas eu? Aliquet pid porta elit acnisitem sit Risus arcu
augue lorem ipsum sit dolor esmet </p>
    <p> <a class="button custom">details</a> </p>
</div>--%>
</div>
</div>

</asp:Content>
<asp:Content ID="Content6" ContentPlaceHolderID="testimonial" runat="server">
    <div class="front-testimonial">
        <div class="row">
            <div class="columns large-12">
                <div class="flexcar">
                    <ul class="slides">
```

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## **6. Implementation planning**

```
<li>
<div class="row">
<div class="columns large-3">  </div>
<div class="columns large-9">
<h1>
    <asp:Label ID="lblLabel3" runat="server" Text="Label"></asp:Label></h1>
    <p><asp:Label ID="lblLabel4" runat="server" Text="Label"></asp:Label></p>
</div>
</div>
</li>
</ul>
<div class="test-nav"> <span class="leftarrow"></span><span
class="rightarrow"></span> </div>
</div>
</div>
</div>
</asp:Content>
```

## CHAPTER 7

## TESTING

- Testing is the penultimate step of software development. An elaborate testing of the data is prepared and the system is using the test data. While doing testing, errors are noted and correction is made. The users are trained to operate the developed system. Both hardware and software securities are made to run the developed system successfully.

### 7.1 Testing Plan:

- A test plan documents the strategy that will be used to verify and ensure that a product or system meets its design specifications and other requirements.
- Depending on the product and the responsibility of the organization to which the test plan applies, a test plan may include a strategy for one or more of the following:
- **Design Verification or Compliance test** - to be performed during the development or approval stages of the product, typically on a small sample of units.
- **Manufacturing or Production test** - to be performed during preparation or assembly of the product in an ongoing manner for purposes of performance verification and quality control.
- **Acceptance or Commissioning test** - to be performed at the time of delivery or installation of the product.
- **Service and Repair test** - to be performed as required over the service life of the product.
- **Regression test** - to be performed on an existing operational product, to verify that existing functionality didn't get broken when other aspects of the environment are changed (e.g., upgrading the platform on which an existing application runs).

**7.2 Testing Strategy:**

- A test strategy is an outline that describes the testing approach of the software development cycle. It is created to inform project managers, testers, and developers about some key issues of the testing process. This includes the testing objective, methods of testing new functions, total time and resources required for the project, and the testing environment.
- Test strategies describe how the product risks of the stakeholders are mitigated at the test level, which types of testing are to be performed, and which entry and exit criteria apply.  
They are created based on development design documents.
- System design documents are primarily used and occasionally, conceptual design documents may be referred to. Design documents describe the functionality of the software to be enabled in the upcoming release.

**7.3 Testing Methods:****WHITE BOX TESTING:**

- This is a unit testing method where a unit will be taken at a time and tested thoroughly at a statement level to find the maximum possible errors. I tested step wise every piece of code, taking care that every statement in the code is executed at least once. The white box testing is also called Glass Box Testing. I have generated a list of test cases, sample data which is used to check all possible combinations of execution paths through the code at every module level. In this testing to test the code we use one method known as Black box testing.

**BLACK BOX TESTING:**

- This testing method focuses on the functional requirements of the software. Here each module will be treated as a black box that will take some input and generate output. Output for a given set of input combinations are forwarded to other modules. Black box testing attempts to find the following types of errors:

**GROUP ID: 19754****7. Testing**

- Incorrect or missing functions.
- Interface errors.
- Errors in data structures or external database access.
- Performance errors.
- Initialization errors and termination errors.

**UNIT TESTING:**

- Unit Testing will be done to test field validations, navigation, functionality of the programs and its block. These tests are applied on various functions within each program and other critical program blocks. Table given below gives the outline of three-sample test cases for Unit Testing performed on the system.

**MODULE TESTING:**

- Module Testing will be done to test the interaction between the various programs within one module. It checks the functionality of each program with relation to other programs within the same module. It then tests the overall functionality of each module.

**INTEGRATION TESTING:**

- The major concerns of integration testing are developing an incremental strategy that will limit the complexity of entire actions among components as they are added to the system. Developing a component as they are added to the system, and designing test cases that will demonstrate the viability of the evolving system. Though each program works individually they should work after linking them together.

**VALIDATION TESTING:**

- This provides the final assurance that the software meets all the functional, behavioral and performance requirements. The software is completely assembled as a package.

- Validation succeeds when the software functions in a manner in which user wishes. Validation refers to the process of using software in live environment in order to find errors. During the course of validation the system failure may occur and sometime the coding has to be hanged according to the requirement.

**OUTPUT TESTING:**

- After performing the validation testing, the next step is output testing of the proposed system since no system could be useful if it does not produce the required output in the specific format. Asking the users about the format of output they required, tests the output generated in two ways. One is on screen and another is printed format.

**ACCEPTANCE TESTING:**

- Acceptance testing (also known as user acceptance testing) is a type of testing carried out in order to verify if the product is developed as per the standards and specified criteria and meets all the requirements specified by customer. This type of testing is generally carried out by a user/customer where the product is developed externally By another party.

**7.4 Test Cases:**

- A specific set of steps and data along with expected results for a particular test objective. A test case should only test one limited subset of a feature or functionality.

Project Name	Travel Advisor		
Test Spec Id	TEST-1	Version No.	1.0
Test Item	User Side of Travel Advisor		
Environment	Windows-10		
Prepared By	Hitarthi Gandhi	Prepared Date	24/02/2018
Spec Reviewed By	Charmi Bhatt	Review Date	24/03/2018
Spec Review Passed	Yes		

Sr. No	Test Case Description	Expected Result	Actual Result	Remarks
1.	Login	This will allow user by providing authentication and redirect to user-respective page.	Same as expected.	
2.	Dashboard	Here is the list of various items as well as tailor work will be displayed.	Same as expected.	

**CHAPTER 8**  
**SNAPSHOTS AND USER MANUALS****8.1 Snapshot of the Website:**

The snapshot of the design is as follows:

***Agency Registration***

Agency Name	<input type="text" value="Agency Name"/>
Agency Person	<input type="text" value="Username"/>
Agency Email	<input type="text" value="Email"/>
Password	<input type="password" value="Password"/>
Agency Mobile	<input type="text" value="Mobileno"/>
Agency Contact	<input type="text" value="Contact"/>
Agency Address	<input type="text" value="Address"/>
Agency WebURL	<input type="text" value="URL"/>
Agency Certificate	<input type="file" value="Choose File"/> No file chosen
Agency Logo	<input type="file" value="Choose File"/> No file chosen
Agency Detail Description	<input type="file" value="Choose File"/> No file chosen
<input type="button" value="REGISTER NOW"/> <input type="button" value="RESET"/>	



Figure 8.1 Agency Registration

GROUP ID: 19754

## 8. SNAPSHOTS AND USER MANUALS

EAGAL TRAVEL

ABOUT

AGENCY

SPECIAL OFFERS

FEEDBACK

CONTACTS

### *Saputara*

**Flamingo Tours**

**Flamingo**

SAPUTARA

FROM: RS.10000/-

DESCRIPTION:

Saputara is a hill town in the west Indian state of Gujarat. The Artist Village cultural center displays, and sells, tribal arts and crafts. Artifacts, including ritual objects, trace the heritage of the local Dang tribe at Saputara Tribal Museum. Green spaces with picnic spots include the Step Garden and the Lake Garden, set on Lake Saputara. Governor's Hill Trail offers views of the surrounding rivers and valleys.

[More details](#)

**EAGLE TRAVEL**

.com.au **Eagal Travel**

SAPUTARA

FROM: RS.12000/-

DESCRIPTION:

Saputara is a hill town in the west Indian state of Gujarat. The Artist Village cultural center displays, and sells, tribal arts and crafts. Artifacts, including ritual objects, trace the heritage of the local Dang tribe at Saputara Tribal Museum. Green spaces with picnic spots include the Step Garden and the Lake Garden, set on Lake Saputara. Governor's Hill Trail offers views of the surrounding rivers and valleys.

[More details](#)

**Patel Tours & Travels**

**Patel Travel**

SAPUTARA

FROM: RS.14000/-

DESCRIPTION:

Saputara is a hill town in the west Indian state of Gujarat. The Artist Village cultural center displays, and sells, tribal arts and crafts. Artifacts, including ritual objects, trace the heritage of the local Dang tribe at Saputara Tribal Museum. Green spaces with picnic spots include the Step Garden and the Lake Garden, set on Lake Saputara. Governor's Hill Trail offers views of the surrounding rivers and valleys.

[More details](#)



Figure 8.2 Agency Details

SOCET (CE)

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GROUP ID: 19754

## 8. SNAPSHOTS AND USER MANUALS

ABOUT

AGENCY

SPECIAL OFFERS

FEEDBACK

CONTACTS



### *Shivam Travel*



#### KERALA

FROM: RS.15000/-

DESCRIPTION:

It is known for its palm-lined beaches and backwaters, a network of canals. Inland are the Western Ghats, mountains whose slopes support tea.



#### GOA

FROM: RS.12,000/-

DESCRIPTION:

These beaches are divided into North and South Goa. North Goa is more commercial and touristy with an abundance of mostly low and medium budget tourist accommodations.



#### ABU

FROM: RS.8000/-

DESCRIPTION:

It is known for its palm-lined beaches and backwaters, a network of canals. Inland are the Western Ghats, mountains whose slopes support tea.

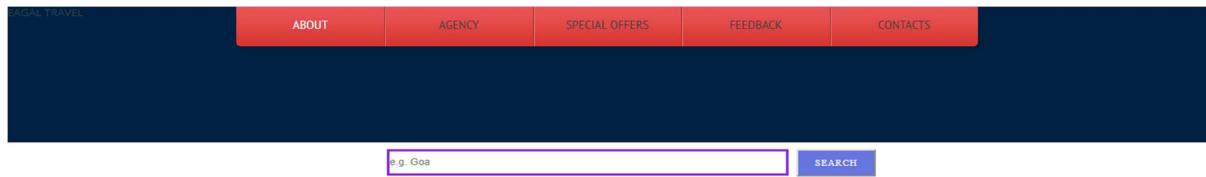
*Book Now!*



Figure 8.3 Package Details

GROUP ID: 19754

## 8. SNAPSHOTS AND USER MANUALS



Goa's beaches cover about 125 kilometres (78 mi) of its coastline. These beaches are divided into North and South Goa. North Goa is more commercial and touristy with an abundance of mostly low and medium budget tourist accommodations; whereas South Goa is where most higher-end hotels and private beaches are located. A notable exception in South Goa is Palolem Beach which features basic accommodation and is one of the most visited beaches in Goa. The further north or south you go, the more isolated the beaches get. Some of the more popular beaches are Colva, Calangute, Baga and Anjuna. These beaches are lined with shacks that provide fresh sea food and drinks. Some shacks arrange special events to attract more customers.



Kerala, a state on India's tropical Malabar Coast, has nearly 600km of Arabian Sea shoreline. It's known for its palm-lined beaches and backwaters, a network of canals. Inland are the Western Ghats, mountains whose slopes support tea, coffee and spice plantations as well as wildlife. National parks like Eravikulam and Periyar, plus Wayanad and other sanctuaries, are home to elephants, langur monkeys and tigers.



Mount Abu is a hill station in western India's Rajasthan state, near the Gujarat border. Set on a high rocky plateau in the Aravalli Range and surrounded by forest, it offers a relatively cool climate and views over the arid plains below. In the center of town, Nakki Lake is a popular spot for boating. Close by are the centuries-old Dilwara Temples, ornately carved from white marble and of great spiritual importance.



Figure 8.4 More Details

GROUP ID: 19754

## 8. SNAPSHOTS AND USER MANUALS

ABOUT

AGENCY

SPECIAL OFFERS

FEEDBACK

CONTACTS

### SPECIAL OFFERS



#### KERALA

Kerala Tour Packages has been delivering exceptional holiday packages for travellers from across the globe, providing matchless quality and service in Kerala, India. Be it a Kerala package that includes beaches and wildlife safaris or one with a backwater cruise that lulls your senses



#### MANALI

Celebrated for its lovely landscape and Himalayan backdrop, Manali has always been a much talked about and visited tourist destination. Our customized Manali tour package gives you the opportunity of visiting some of the popular tourist hotspots. Be it sightseeing in the local areas, excursion to Rohtang Pass or a bath at the natural sulphur spring. So without much ado, pack your bags for a memorable journey to Manali.



#### ABU

Mount Abu boasts some of the famous Jain temples, like the Dilwara temples. Mount Abu also offers adventure activities in excess. Tourists also organize vacations around the popular winter festival held each year in December. So without much ado, pack your bags for a memorable journey to Abu.



Figure 8.5 Special Offers

GROUP ID: 19754

## 8. SNAPSHOTS AND USER MANUALS

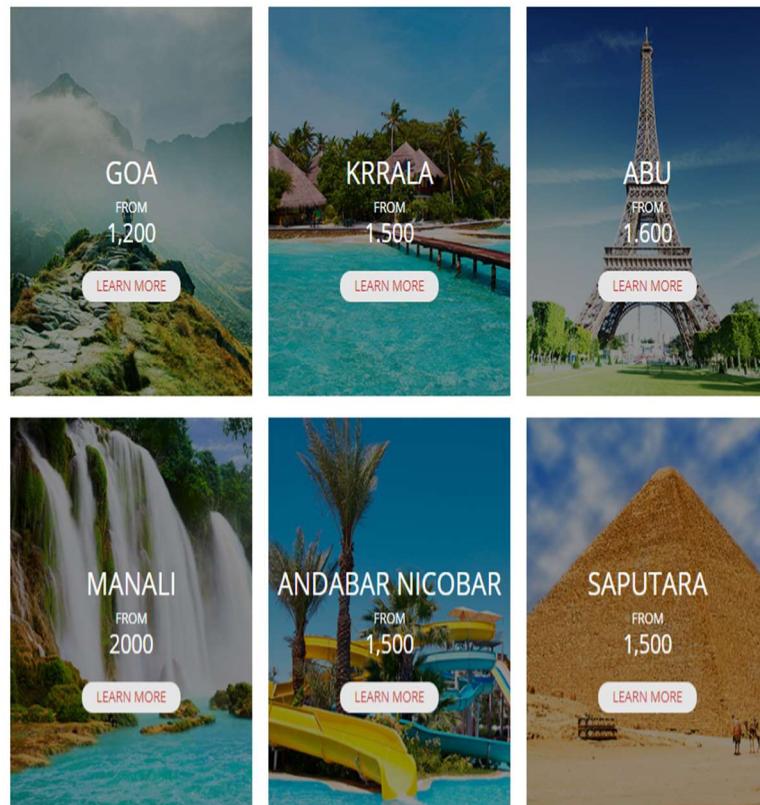
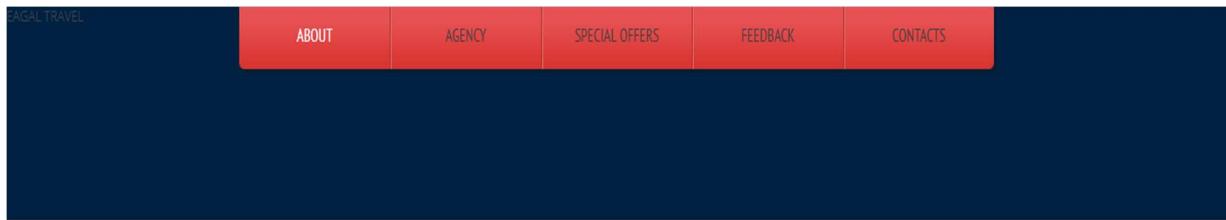


Figure 8.6 Packages

## **CHAPTER 9**

### **LIMITATION AND FUTURE ENHANCEMENT**

#### **9.1 LIMITATIONS**

Each and every thing in this world has some limitations. Nothing is there in this world, which do not have any limitations. And it is also the case with Web Application. Web Application has also its limitations. Let's discuss some of the limitations of our Web Application.

In our Web Application we have not provided the functionality of payment. If any user wants to cancel his order then he has to write the e-mail to the administrator to cancel his order. He cannot tell the administrator directly to cancel the order.

For the purpose of advertisement administrator cannot upload the flash file or multimedia files to be displayed on any pages of our Web Application. There is no provision for the management of advertisements.

#### **9.2 FUTURE ENHANCEMENTS**

Our application can be enhanced in the future to give much functionality, which we have not yet included. As you all know the Web Application is so wide an area there are so many things, which can come under it. It is not possible to provide all the functionality as per budget of the client and limitations of resources. So here we will discuss some of the enhancements, which can be made to our application.

We can enhance our Web Application so user can book their packages with the payment. We can enhance the application so that user can easily find more details about destination and user can easily find specification and features. It will make the user happy.

We can enhance our application to manage the advertisements to be displayed on the pages of our application. There can be a management panel for the advertisement, which selects the advertisements to be displayed. Because of the advertisement management panel the administrator can let others to advertise on the website and to earn the money.

## **CHAPTER 10**

### **CONCLUSION AND DISCUSSION**

#### **10.1 CONCLUSION**

The Web Application we made is intended to find travel agencies online. With this website user easily find travel agencies and their package details. They also find tour details based on their budget. The GUI provided is so simple that any user can also learn to use it.

#### **10.2 SUMMARY OF PROJECT WORK**

Throughout the process, I enjoyed working with the organization and it was a great learning experience. I had the privilege of going through entire Software Development Life Cycle right from the requirement-gathering phase. Moreover, the software engineering concepts that I learnt theoretically were actually implemented practically.

[Print](#) [Back](#)

College : SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY, AHMEDABAD  
StudentName : Gandhi Hitarthi Dilipkumar  
EnrollmentNo : 140770107512  
MobileNo : 9998067556  
Email : hitarthidgandhi@gmail.com  
Department : Computer Engineering  
Discipline : BE  
Semester : Semester 8

## PPR Details

Periodic Progess Report : First PPR

Project : Travel Advisor

Status : Submitted

1. What Progress you have made in the Project ?

After searching many agencies website, now we are getting ready for our most important usage module that is Homepage module which includes numerous perspectives, for example, Login and also includes like searching for agencies and places.

2. What challenge you have faced ?

As we do not know the framework and our design model, initially we find some details regarding this and how to initialize our execution work.

3. What support you need ?

As some of the fundamentals of the language which we use, we find it quite confusing and we need to learn it as well. So for that, we just need some support from our guide who can teach us and provide some feasible solutions.

4. Which literature you have referred ?

Currently, we are learning from some online educational portals which in turn help us to clear our basics and idealize our different modules.

## Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

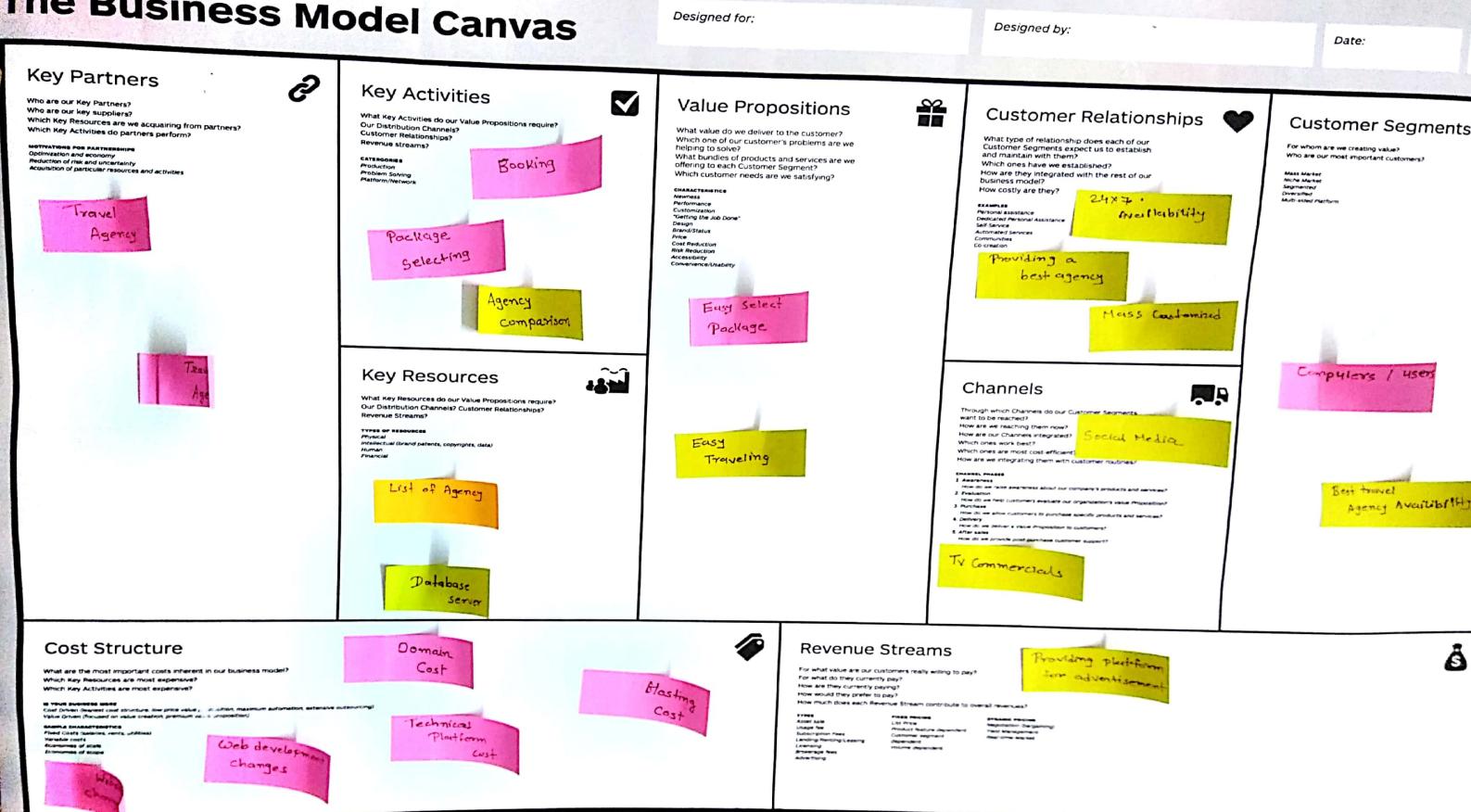
None

Comment by University Admin :

None



# The Business Model Canvas

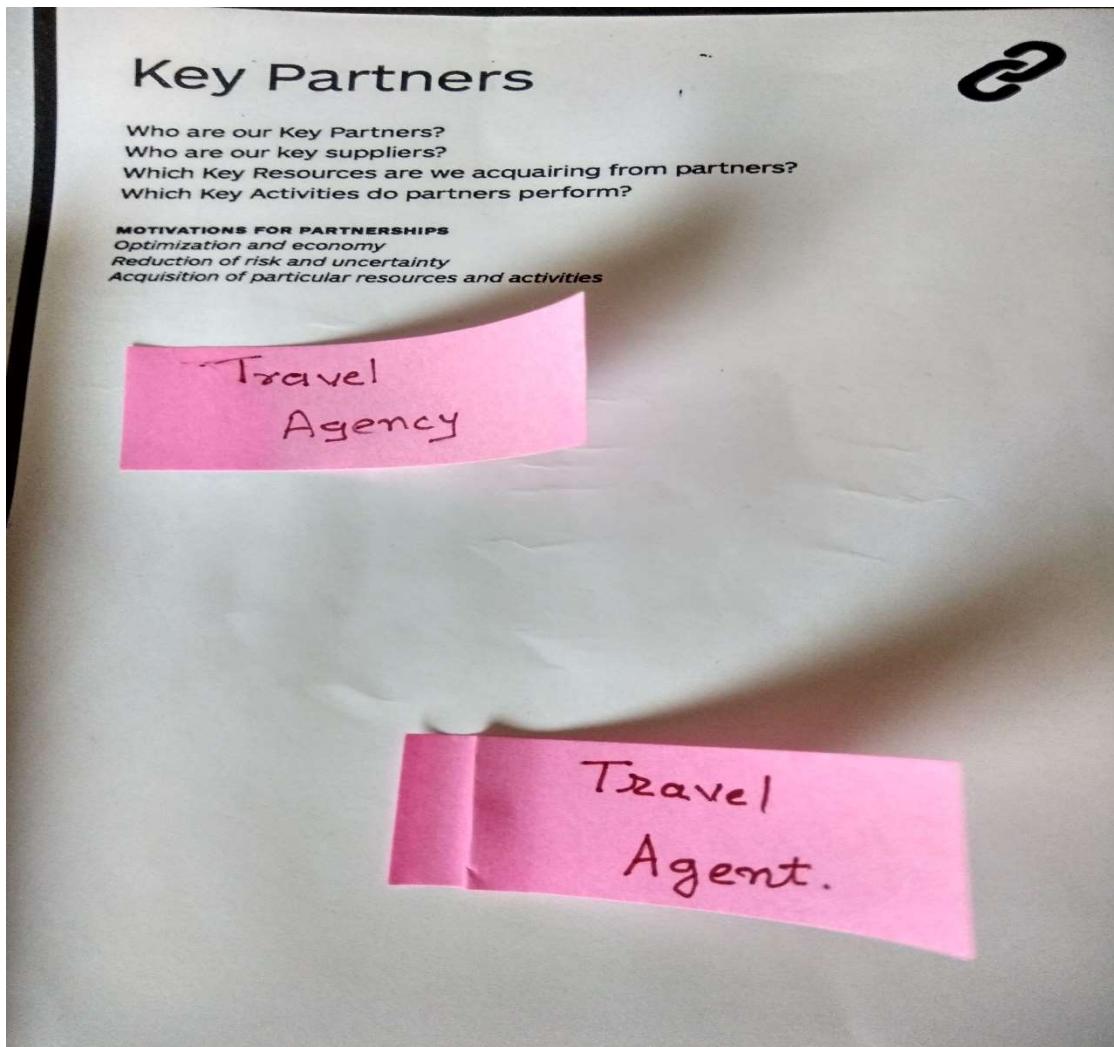


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strategyzer.com

# BUSINESS MODEL CANVAS (BMC)

## 1. KEY PARTNERS

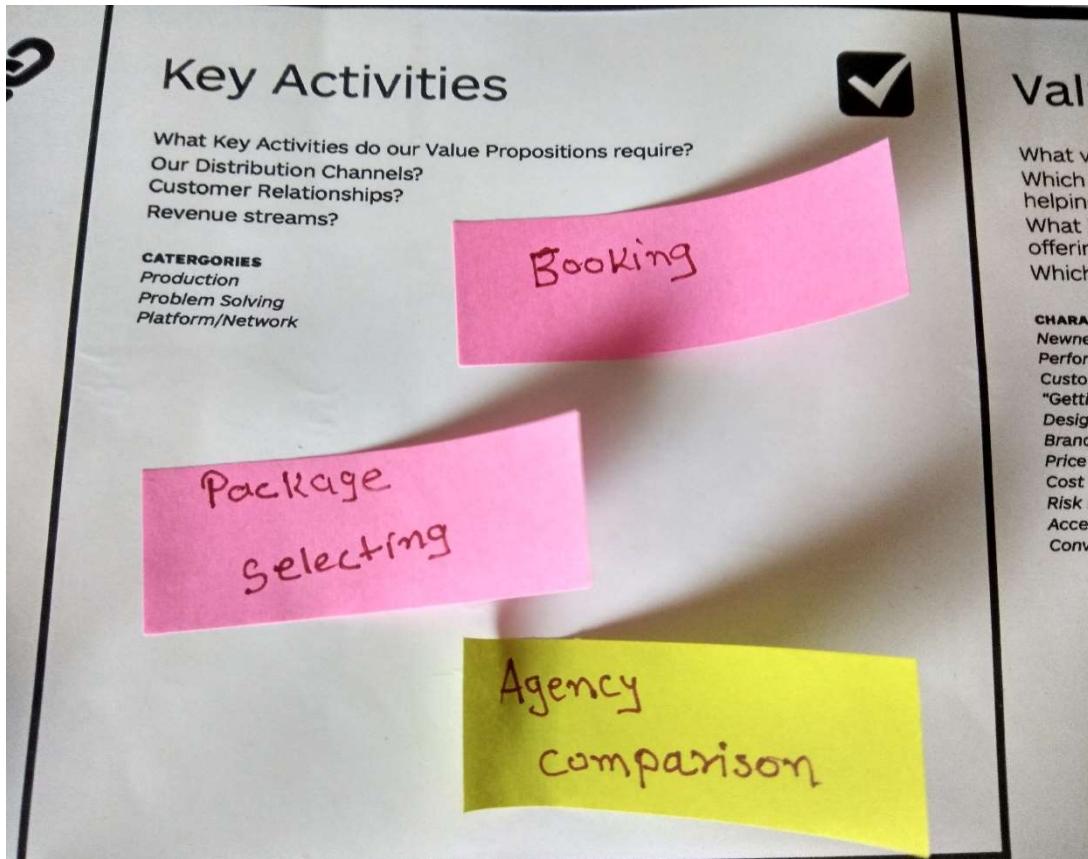


[KEY PARTNERS]

Major key partners involved in our project are: -

- Travel Agency
- Travel Agent

## **2. KEY ACTIVITIES**

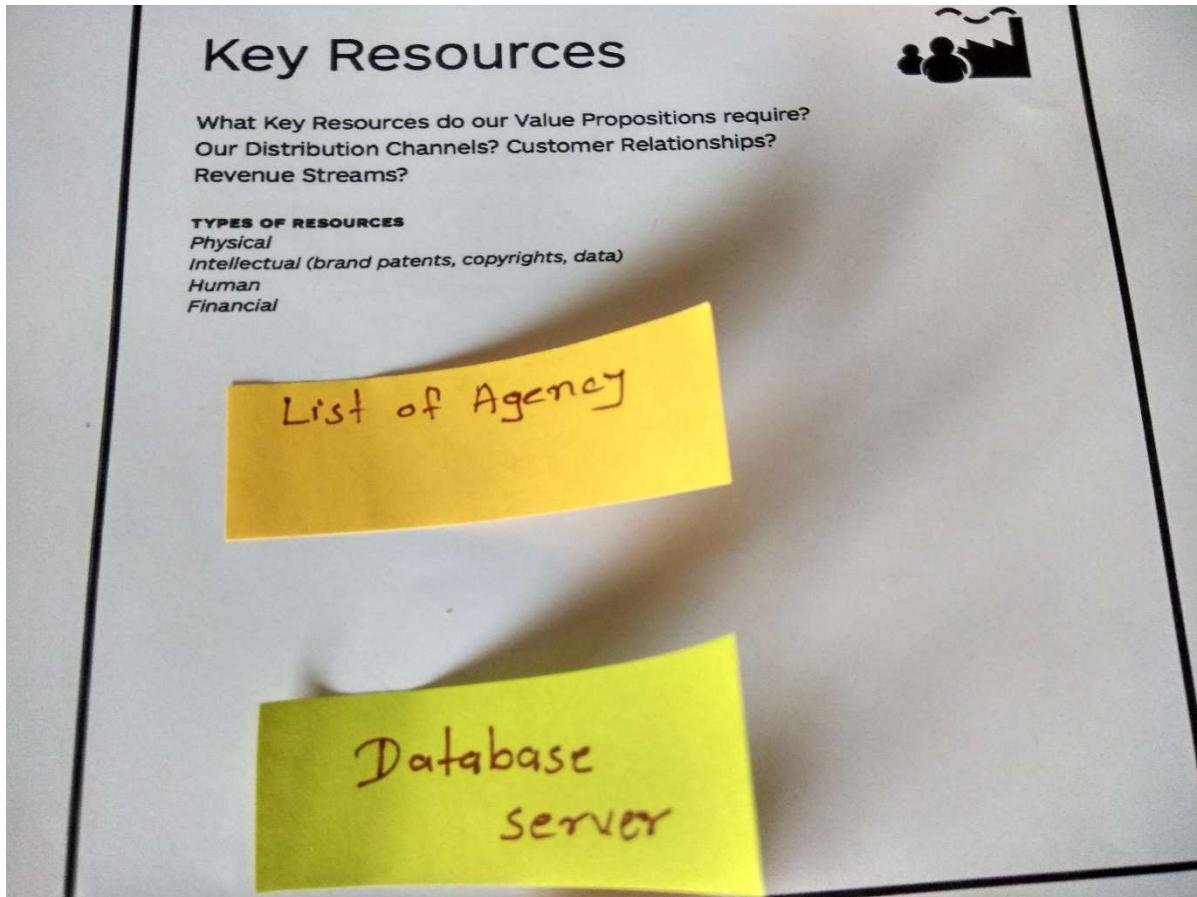


**[KEY ACTIVITIES]**

Our project comprises of following major activities: -

- First and the most important activity involve registering the prospect in the application so that he/she can login anytime and take the benefits of the application.
- We provide travelers to available travel agencies details based on user's budget and using them user will choose satisfied package.

### **3. KEY RESOURCES**



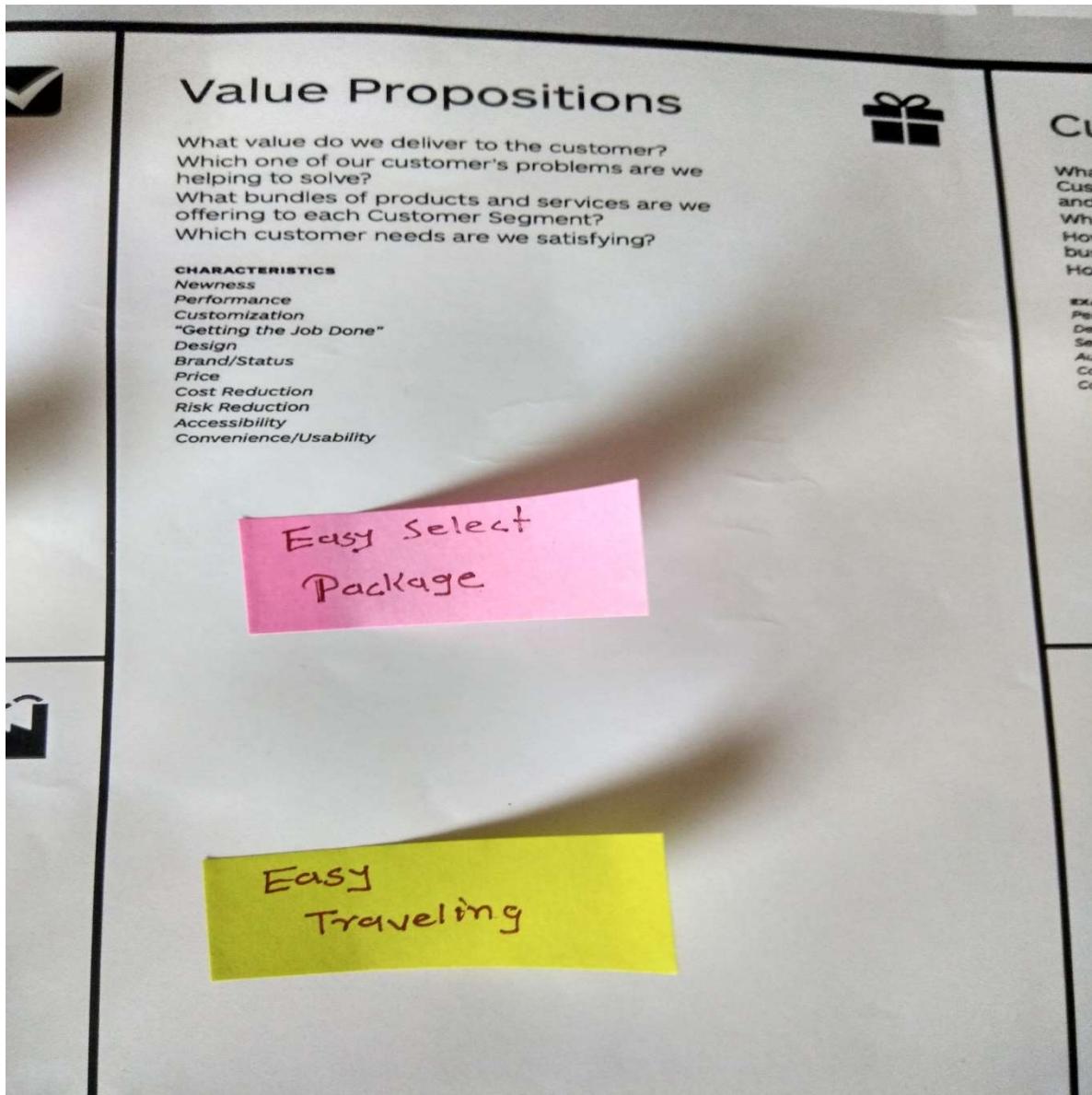
#### **[KEY RESOURCES]**

Any project is mainly defined by the resources used to build or create it.

Key resources used in our project are: -

- List of agencies for checking availability of packages
- Well suited standard code for develop secure website.
- A non-crushable database server.
- Providing a very exciting and easy to navigate GUI to attract the customers.

## **4. VALUE PROPOSITION**

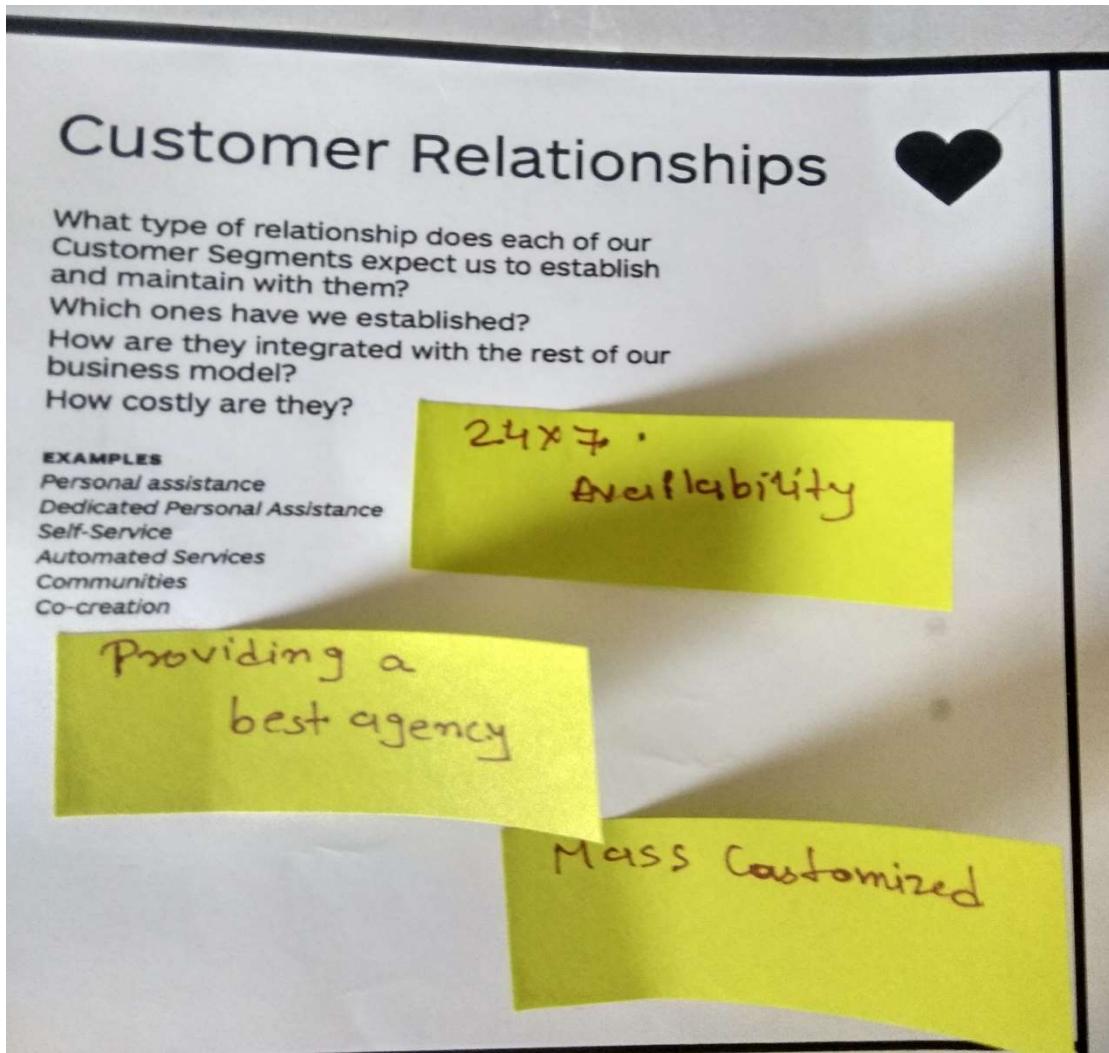


**[VALUE PROPOSITION]**

Any product or an application is a success if it satisfies a certain set of values of the customer. Following are the values that we have tried to provide the customers through our efforts: -

- They can easily compare agencies packages.
- Also providing agencies packages base on the destination.
- Time saving for searching Agency.

## **5. CUSTOMER RELATIONSHIPS**

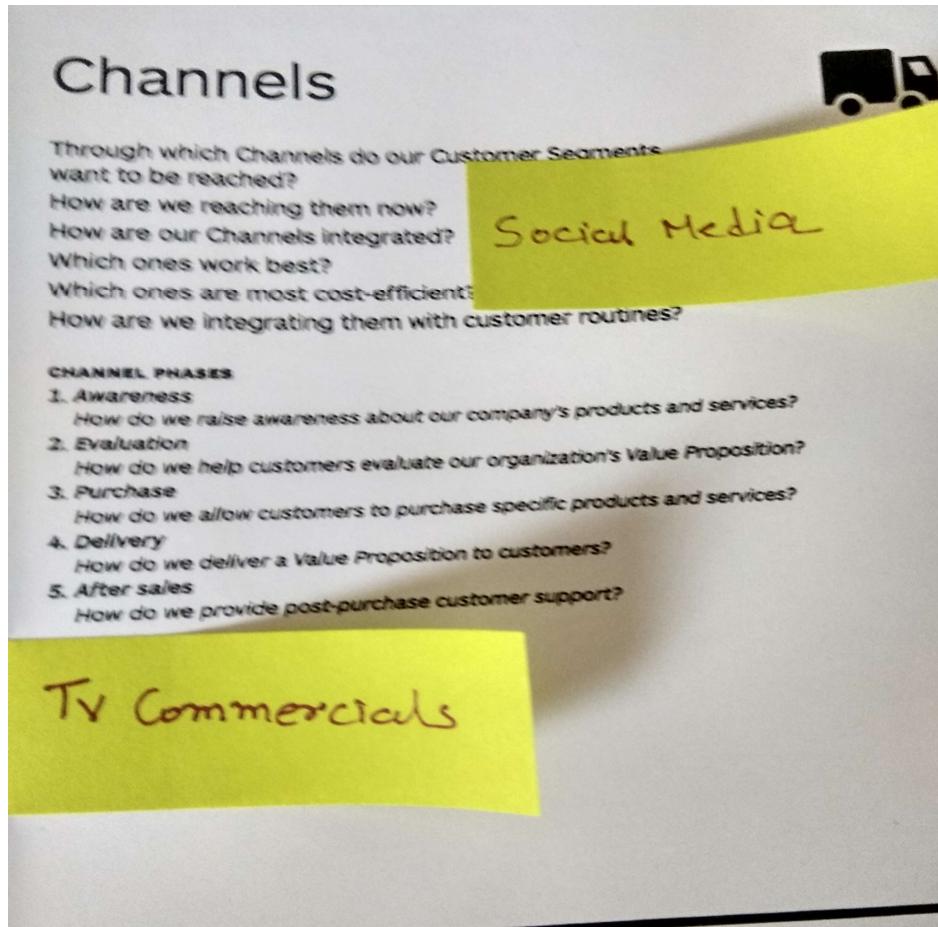


### **[CUSTOMER RELATIONSHIP]**

Maintaining healthy relationships with the customer should be the soul motto of any developer. We here have tried to maintain this integrity by inculcating and providing the following services: -

- Providing 24\*7 availability to our services.
- It gives emotional satisfaction to the users for finding agency package quickly.
- Mass customized.

## **6. CHANNELS**

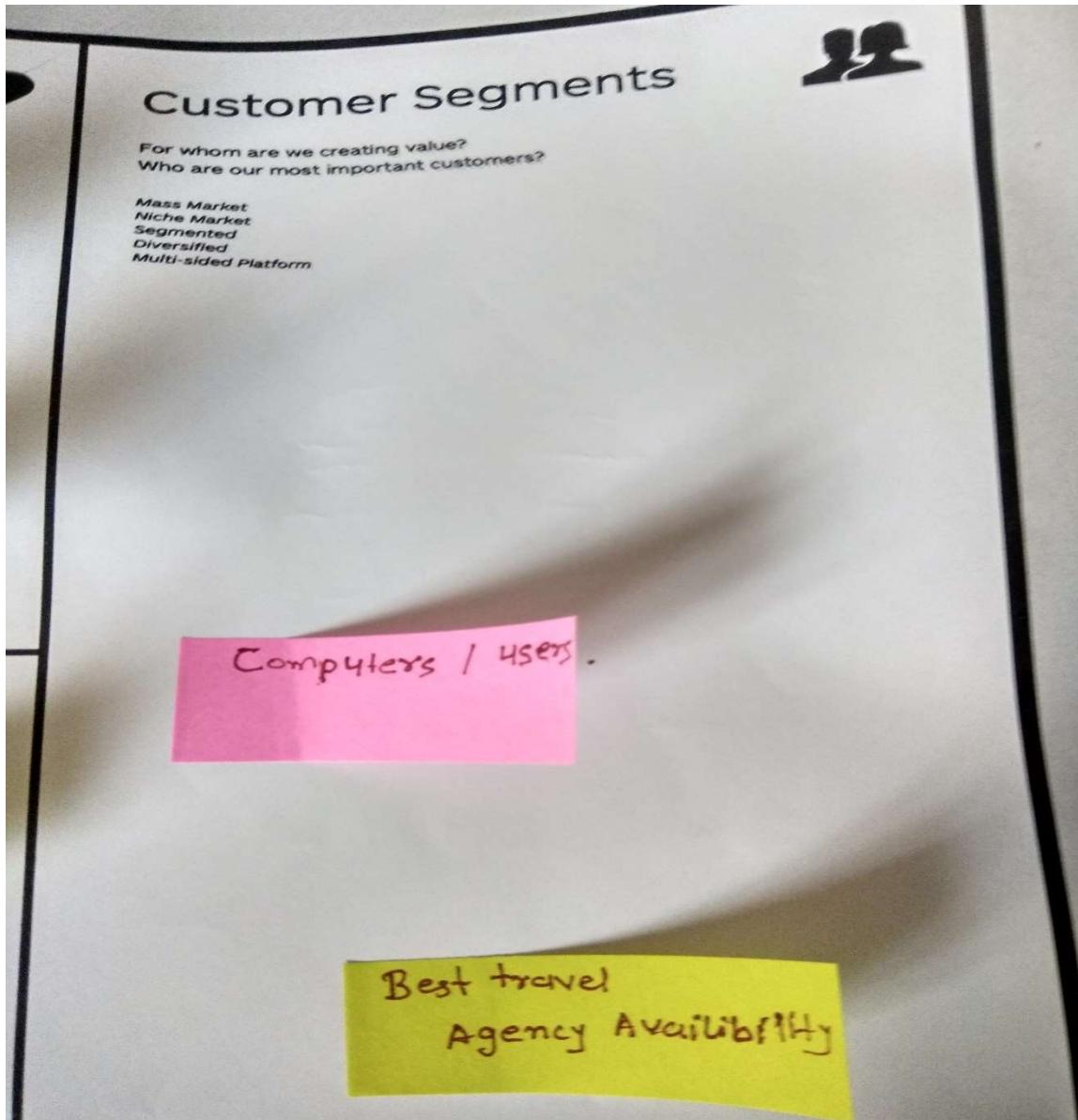


### **[CHANNELS]**

Products are characterized by the features they possess, and these features are well portrayed in the market through different marketing and advertising strategies. So, we could use the following mediums to promote our application: -

- Through social media marketing like Instagram, Facebook, Snapchat etc.
- Through TV Commercials.

## **7. CUSTOMER SEGMENTS**

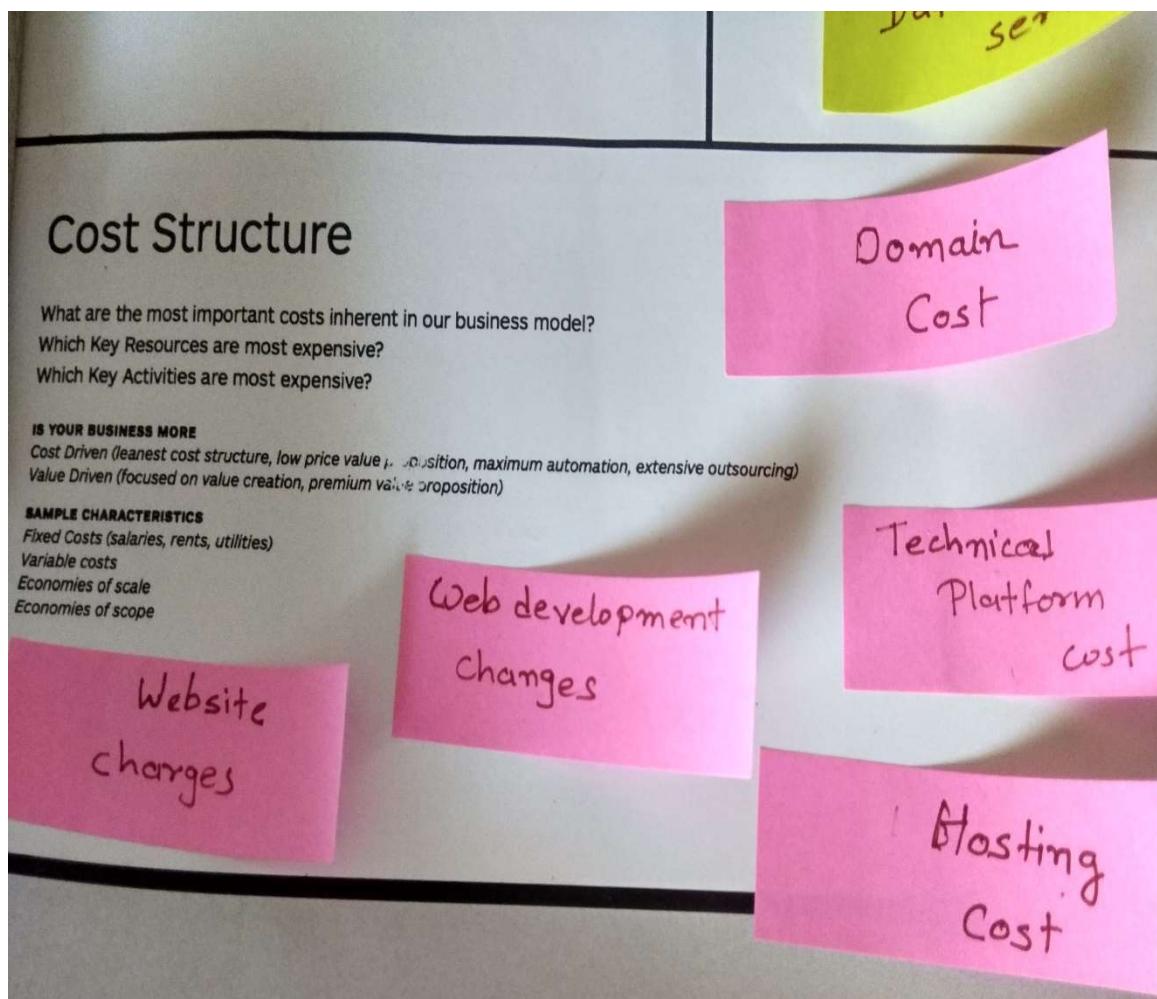


### **[CUSTOMER SEGMENTS]**

Our application mainly targets following types of customers: -

- Commuters/Users
- Prospects who prefer online agency availability.

## **8. COST STRUCTURE**



[COST STRUCTURE]

Various costs involved in our application are: -

- Domain cost
- Technical platform cost
- Hosting cost
- Website charges
- Web development charges

## **9. REVENUE STREAMS**

**Revenue Streams**

For what value are our customers really willing to pay?  
For what do they currently pay?  
How are they currently paying?  
How would they prefer to pay?  
How much does each Revenue Stream contribute to overall revenues?

**TYPES**

<i>Asset sale</i>	<b>FIXED PRICING</b>	<b>DYNAMIC PRICING</b>
<i>Usage fee</i>	<i>List Price</i>	<i>Negotiation (bargaining)</i>
<i>Subscription Fees</i>	<i>Product feature dependent</i>	<i>Yield Management</i>
<i>Lending/Renting/Leasing</i>	<i>Customer segment dependent</i>	<i>Real-time-Market</i>
<i>Licensing</i>	<i>Volume dependent</i>	
<i>Brokerage fees</i>		
<i>Advertising</i>		

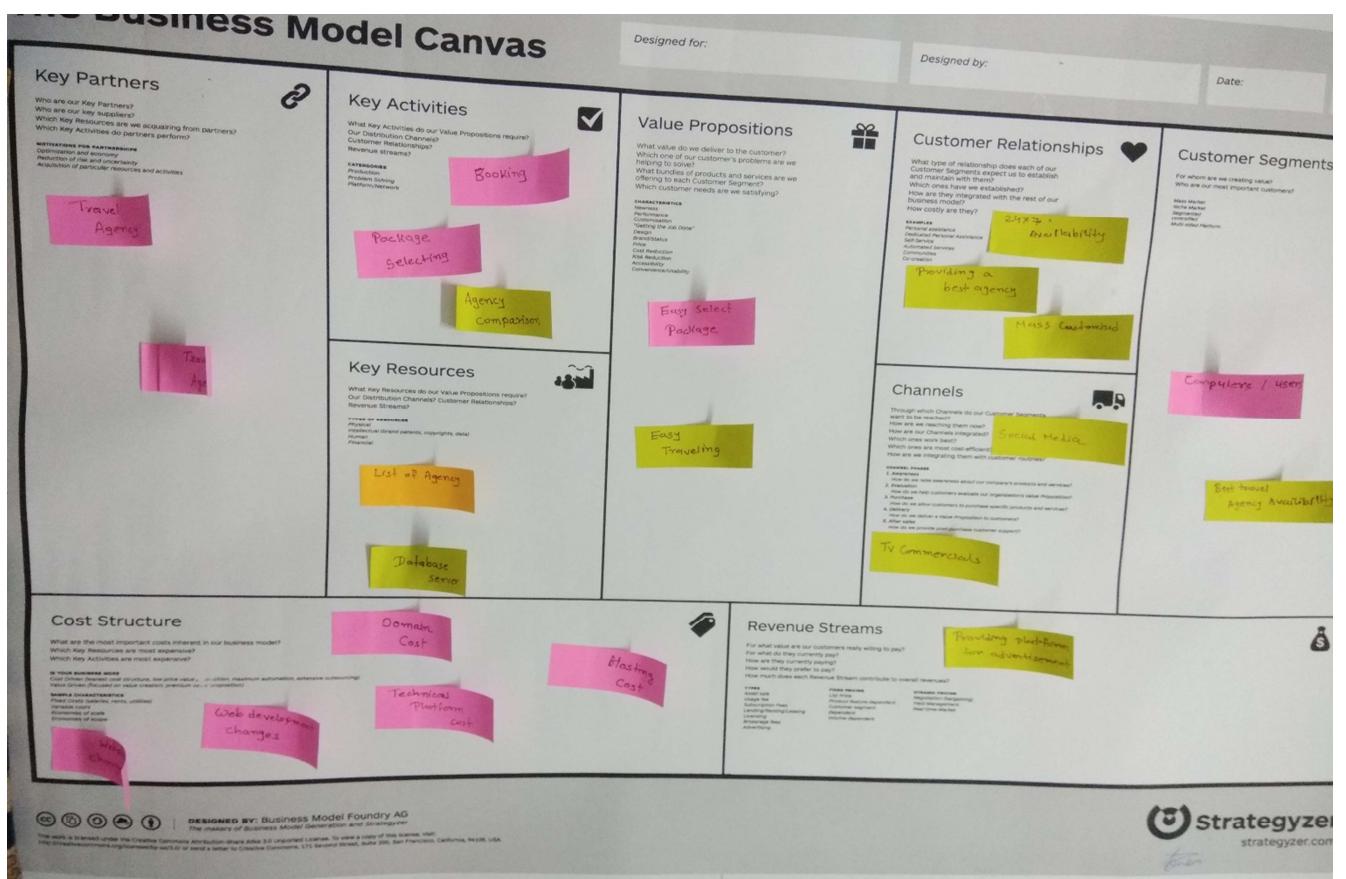
*Providing platform  
for advertisement*

### **[REVENUE STREAMS]**

Major revenue is generated from two sources: -

- Firstly, by providing a platform for advertisements.

## ○ COMPLETE BMC SHEET:



[BUSINESS MODEL CANVAS]

College : SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY, AHMEDABAD  
 Department : Computer Engineering  
 Discipline : BE  
 Semester : Semester 8  
 Project Name : Travel Advisor  
 Team ID : 19754

## Form 1 – APPLICATION FOR GRANT OF PATENT

Applicants :

Sr. No	Name	Nationality	Address	Mobile No.	Email Id
1	Gandhi Hitarthi Dilipkumar	Indian	Computer Engineering , SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY, AHMEDABAD , Gujarat Technological University.	9998067556	hitarthidgandhi@gmail.com
2	Bhatt Charmi Balmukund	Indian	Computer Engineering , SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY, AHMEDABAD , Gujarat Technological University.	9925522469	bansarib2014@gmail.com

Inventors :

Sr. No	Name	Nationality	Address	Mobile No.	Email Id
1	Gandhi Hitarthi Dilipkumar	Indian	Computer Engineering , SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY, AHMEDABAD , Gujarat Technological University.	9998067556	hitarthidgandhi@gmail.com
2	Bhatt Charmi Balmukund	Indian	Computer Engineering , SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY, AHMEDABAD ,	9925522469	bansarib2014@gmail.com

I/We, the applicant(s) hereby declare(s) that:

Following are the attachments with the applications :

## **Form 2 - PROVISIONAL/COMPLETE SPECIFICATION**

1 . Title of the project/invention :

Travel Advisor

2. Preamble to the description :

Provisional

3. Description

a) Field of Project / Invention / Application :

Language: .NET

Software: Microsoft visual studio

b) Prior Art / Background of the Project / Invention :

We can refer travel website like make my trip, trivago, trip advisor and analysis their functionality.

c) Summary of the Project / Invention :

In this project we are going to develop the .NET based website using this website user can easily find the travel agency. We are offering to people with best services of different travel agencies of India which inform you regarding different trips in India as well as trip schedule. They also find their trip schedule under the budget. We also add functionality like once you find agency user also find trip search by places, price, popularity etc.

d) Objects of Project / Invention :

find full arrange trip.

If people wants to go with any trip through travelers then they visit different-different travel agency personally and its take too much time so here we provide the platform to overcome this problem.

e) Drawings :

f) Description of Project / Invention : (full detail of project) :

User easily finds hotel and different places online but they can't find full arrange the trip. If people want to go on any trip through travelers then they visit different-different travel agency personally and its take too much time so here we provide the platform to overcome this problem. Here we provide travelers with available travel agencies details based on users budget and using them user will choose a satisfied package.

g) Examples :

h) Claims (Not required for Provisional Application) / Unique Features of Project

Find agency under the budget

Search by destination

4. Claims

5. Date and signature

6. Abstract of the project / invention :

Travel Advisor is a web application where people can find different travel agencies and service providers. We are offering to people with best services of different travel agencies in India which inform you regarding different trips in India as well as trip schedule. They also find their trip schedule under their budget. So Travel advisor is a smart system where you can easily find travel organizer.

## Form 3 – STATEMENT AND UNDERTAKING UNDER SECTION 8

Name of the applicant(s) : I/We, Gandhi Hitarthi Dilipkumar ,Bhatt Charmi Balmukund

Hereby declare :

Name,Address and Nationality of the joint applicant : (i) that I/We have not made any application for the same/substantially the same victim invention outside India.

(ii) that the rights in the application(s) has/have been assigned to

Name of the Country	Date of Application	Application Number	Status of the Application	Date of Publication	Date of Grant
N/A	N/A	N/A	N/A	N/A	N/A

(iii)That I/We undertake that upto the date of grant of the patent by the Controller, I/We would keep him informed in writing the details regarding corresponding applications for patents filed outside India within three months from the date of filing of such application.

Dated this 18 day of April 2018

To be signed by the applicant or his authorised registered patent agent : Signature.....

Name of the Natural Person who has signed : Gandhi Hitarthi Dilipkumar ,Bhatt Charmi Balmukund

To,  
The Controller of Patents,  
The Patent Office,  
At Mumbai

# 90% Unique

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Unique	<a href="#">They also find their trip schedule under their budget</a>	-
Unique	<a href="#">So Travel advisor is a smart system where you can easily find travel organizer</a>	-
Unique	<a href="#">It is a continuous inspiration and help of people you work around</a>	-
Unique	<a href="#">We are heartily thankful to my supervisor, Ms</a>	-
1 results	<a href="#">for the award of the degree of BACHELOR OF ENGINEERING In Computer Engineering SILVER OAK</a>	<a href="http://2446824.r.bat.bing.com">2446824.r.bat.bing.com</a> <a href="http://academia.edu">academia.edu</a> <a href="http://2446824.r.bat.bing.com">2446824.r.bat.bing.com</a>
Unique	<a href="#">Semester of bachelor of Computer Engineering in Silver Oak College Of Engineering &amp; Technology, Ahmedabad</a>	-
Unique	<a href="#">Engineering Enrollment Number : 140770107505 Submitted to: Silver Oak College Of Engineering &amp; Technology, Ahmedabad</a>	-
Unique	<a href="#">iii ABSTRACT Travel Advisor is a web application where people can find a different</a>	-
Unique	<a href="#">We are offering to people with best services of different travel agencies in India</a>	-
Unique	<a href="#">Keyword: Trip Organizer, Trip Advisor, Vacation Planner, Travel manager iv ACKNOWLEDGEMENT Project work cannot</a>	-
Unique	<a href="#">Panam Shah, whose encouragement, supervision and support from the preliminary to the concluding level</a>	-

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Travel Advisor A PROJECT REPORT Submitted By Hitarthi Gandhi (140770107512) Charmi Bhatt (140770107505) In fulfillment for the award of the degree of **BACHELOR OF ENGINEERING** In Computer Engineering **SILVER OAK COLLEGE OF ENGINEERING AND TECHNOLOGY** OPP. BHAGWAT VIDYAPITH, NEAR GOTA CROSS ROAD, AHMEDABAD-

382481 ii Candidate's Declaration We hereby declare that project report titled "Travel Advisor" submitted towards the completion of project in 8 th Semester of bachelor of Computer Engineering in Silver Oak College Of Engineering & Technology, Ahmedabad is an authenticate record of our work carried out. We further declare that to the best of our knowledge the report of C.E. 8 th Semester. Candidate's signature : First Candidate's Name : Hitarthi Gandhi Branch : Computer Engineering Enrollment Number :

140770107512 Candidate's Signature : Second candidate's name : Charmi Bhatt Branch : Computer Engineering Enrollment Number : 140770107505 Submitted to: Silver Oak College Of Engineering & Technology, Ahmedabad Affiliated to: Gujarat Technological University. iii ABSTRACT Travel Advisor is a web application where people can find a different travel agencies and service providers. We are offering to people with best services of different travel agencies in India which inform you regarding different trips in India as well as trip schedule. They also find their trip schedule under their budget. So Travel advisor is a smart system where you can easily find travel organizer. Keyword:

Trip Organizer, Trip Advisor, Vacation Planner, Travel manager iv ACKNOWLEDGEMENT Project work cannot be done by individual effort. It is a continuous inspiration and help of people you work around. We are heartily thankful to my supervisor, Ms. Panam Shah, whose encouragement, supervision and support from the preliminary to the concluding level enabled me t