GALGOTIAS UNIVERSITY
(Established under Galgotias University Uttar Pradesh Act No. 14 of 2011)

Tour & Travels Management System

A Report for the Evaluation 3 of Project 2

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in partial fulfilment for the award of the degree

of

Master of Computer Application

IN

Computer Science and Engineering With Specialization of

Computer Application

SCHOOL OF COMPUTING SCIENCE AND ENGINEERING

Under the Supervision of

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APRIL / MAY- 2020

SCHOOL OF COMPUTING AND SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

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ABSTRACT:

In this project a detailed review of tour and travels management system. The main objectives of this website to know the package related to the trip and journey with best facility and current offer. Searching will be very easy .At a single click will be able to fetch the required data. Nowadays, there are multiple travel packages existing from the various websites to approximately all the locations over the world.

A customer demonstrates that it is extremely complicated to search for the multiple of the packages as for significant websites, contact, and communication with the travel agents and more options that exists in it which is a passive method and time-consuming.

This project will assist travellers to recommend the best Travel Package among all the packages relevant information such as image, hotel facility, Google map facility, transport facility and description about the places where they want to visit. The tour and travels management system will be helpful for tourism.

CHAPTER: 2

INTRODUCTION:

The main purpose of Tour and travels management system is to provide a best facility and travelling services for a customer to book hotels, flight and bus ticket for trip purpose. We have developed tour and travels management system to provide a search platform find their tour places according to their choices.

This is instead of to provide the best traveling services to the customers and travel agents.

We have expanded tours and travel administration strategy to provide an exploration platform where a tourist can find their trip spots according to their choices.

This method further assists to promote reliable and fascinating tourism so that people can celebrate their vacations in their favourite places.

This process also encourages to expanding tourism with different cultures, communities, so that they enhance the tourism experience, adventure, and build pride.

We create this system to establish and expand the structure of tourism that provides healthy interaction opportunities for tourists and natives and improves a Better awareness of different cultures, traditional lifestyles, traditional knowledge and moralities. This system moreover provides a better way to connect with various events.

This system also provides trip-related information like which spots are tourist attractions, cities, and regions. Tourists can also fetch the Map and navigation system and climate information.

This project is useful for tourists who are unfamiliar with the places where they want to visit.

The application displays geographic-based data to the people shifting to the different cities and to the people who are ready to go on a journey.

The user can select any of the three choices available, which includes travel, food and accommodation facilities.

The user can view the orders placed and thereby provide the feedback regarding their experience and can share the images of the visited places.

It requires some time for working at their task but it is not much time-consuming. It is very efficient and reliable project. Our TMS deals with the visitors and travellers and other members of the organization. Since this is a real-time website, so the admin will be the director of the organization.

There are four modules in this software, now:

- **Admin module:**
    1) Admin can manage the user and receive package from traveller & package management.
    2) This module provides administrator related functionality. Administrator manages all information and has access rights to add, delete, edit and view the data related to places, travels, routes, bookings, etc.
- **Travels Module:**
    1) This module provides the details of various travel agencies. A user can select the appropriate agency depending on convenience and accessibility.-
- **Customer:**
    1. Customer can view package and booking.
    2. This module helps to customer.
- **Visitor:**
    1) Visitor view site and give feedback.
    2) View site

1.1 OVERALL DESCRIPTION:

Tours & Travels Management System Transport solution to the different companies situated locally in the many districts and it organizes tours to various part of the particular areas. Earlier all the processes were done manually. The manual process is done by maintaining the details of the tours, employees and their customers.

1.1.1EMPLOYEE DETAILS:

Details of the employees of the system is maintained in the office. It includes details of both the moving staff (driver) and the non-moving staff (clerk). Details related to the salary of the employees is maintained. Salary of the clerk and the manager is calculated on the basis of monthly attendance and the salary of the driver is calculated on the basis of the trips made by the drivers. Salary of the employees are deducted on the basis of absence made by the employee. Details of no. of days the employee remained absent in a month is also maintained.

1.1.2 TOUR DETAILS:

Details of different types of tours which includes tours like family tours, couple tours, general tours, date and time of departure and the fair of the tours etc are maintained. As the customer ask for the details of a particular tour, the clerk gives the details of the related place where he/she wants to go and the date and time of the tour, no. of seats available of that particular tour, fair of the tour, details of discount on a particular tour package if any. Clark also guides the customer by giving the details of the forthcoming tours with the probable date and time. Details of types of bus like 3x2 or 2x2 for the tours. Details of total no. of days of the tour and the places to visit during the tour is also maintained. Details of the pick-up facilities and the drop facilities are also maintained if any.

1.13 Hotels Details:

Details of the hotels in which the accommodation of the customer will be done during the tours. Details like availability of meals, station-pickup and drop facility and contact detail of the hotels are also provided to the customers on special request.

1.2 PURPOSE:

Tours & Travel Management System is an application will help in maintaining the operations performed related to sight-seeing and travelling. Most of the people in this world like to travel from one place to another no matter whether it is a small or large distance. Some people like to travel by train, flight, bus or by any other means of transport. The tours travel management system application is designed for the travel agency in which there is an option of doing the railway or air ticket reservation in order to reach the intended destination. The tours & travel management system application is one of the applications that will help the customers to book the air ticket or the railway tickets through this application of the travel agency. Booking of tickets will be done with a great ease and without any difficulty. This will be one of the interesting projects that one can work on and implement in real time world. The user interface must be simple and easy to understand.

1.3 MOTIVATION AND SCOPE:

MOTIVATION:

- Now a days the craze of tourism is increasing day by day in the whole world. And Indian Holly Places are also involved in this trend.

- Due to such increments of the tourism are now a days made with a very large amount of tourist visits here.

- So, there is very high opportunity of Software Engineers to develop such type of Application software's.

- In tourism, there is problem that arises how we connect with the users to take their opinion and feedbacks.

- Hence, with the help of such type of software's can easily interact to the user and predict the success or failure of a tour & their experiences.

SCOPE:

There are many scopes available in this field like –

- This type of software's can be further extended for generating reviews related to the tourist requirements.

- Also, can be used for generating reviews for the Online Videos provided on the software.

- Easy to find the nearby famous places, temples & monuments.

- Developer can be providing the update information of the places and also provide updates to the software for better serves.

- Provide offers for various places in budgets occasionally.

CHAPTER: 2

LITERATURE REVIEW

[1]. Data analysis in terms of coding, organizing, filtering, categorizing, relating and related abstract concepts. The software allows making comparisons among different concepts simultaneously, which simplifies qualitative data analysis and improves the accuracy of research findings. Critical strategies, including method triangulation, conformability audit and member checks are applied to ensure trustworthiness of research findings.

[2]. Information search (traveller's perspectives), and market segmentation by information/booking channel.

Perspective the reasons why travellers make use of different sources of information are investigated, whereas using another perspective, the observable outcome of that behaviour is raised.

[3]. although, there is many things that we learn and know about the places in detail very well. It helps to know about the ancient things & their cultures in detail. Grand Tour, education, higher education, travel & tourism is the main topics for learn & discuss about it.

[4]. Tour and travel information is obtained mainly through communication media like newspaper, magazines etc. Today's mobile devices are becoming more intelligent, which provides information in mobile itself. Mobile Technology is now set to improve tourism in various fields.

Due to busy schedule people want quick and easy ways to obtain information of all kinds and tourism is no different.

The tour management system which is based on internet provides self-guidance for tourists in mobile phones.

CHAPTER: 3

EXISTING SYSTEM/ PURPOSED SYSTEM:

EXISTING SYSTEM:

In the present system, a customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. A customer may not get the desired information from these offices and often the customer may be misguided. It is tedious for a customer to plan a particular journey and have it executed properly.

- All work consider manually.
- In Manual Booking System Customer has to go to the Travelling office.
- Ask enquiry for Travelling then Book ticket Finally Paid 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.

PROPOSED SYSTEM:

The proposed system is a web based application and maintains a centralized repository of all related information. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can decide about the places where they want to visit and make bookings online for travel and accommodation.

The propose system is highly automated and makes the travelling activities much easier and flexible. The user can get the very right information at the very right time. Customers can get the knowledge of the hotels and vehicles they are going to use in their trip prior to their starting of trip. This will the travel company as well.

CHAPTER: 4

ANALYSIS/IMPLEMENTATION/ARCHITECTURE:

4.1 ANALYSIS

- Data Flow Diagrams (DFD)
- ER Diagrams
- Implementation

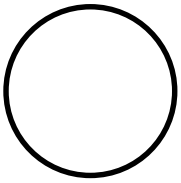
4.1.1 Data Flow Diagram

A Data Flow Diagram (DFD) is a diagram that describes the flow of data and the processes that change or transform data throughout a system. The Data Flow Diagram reviews the current physical system, prepares input and output specification, specifies the implementation plan etc.

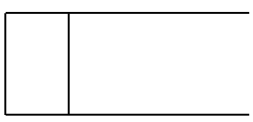
Four basic symbols are used to construct data flow diagrams. They are symbols that represent data source, data flows, and data transformations and data storage. The points at which data are transformed are represented by enclosed figures, usually circles, which are called nodes.

(A) **Source of Destination of data**

(B) **Flow of Data**



(c) **Process**



(D) **Storage**

Steps to Construct Data Flow Diagrams

Four steps are commonly used to construct a DFD

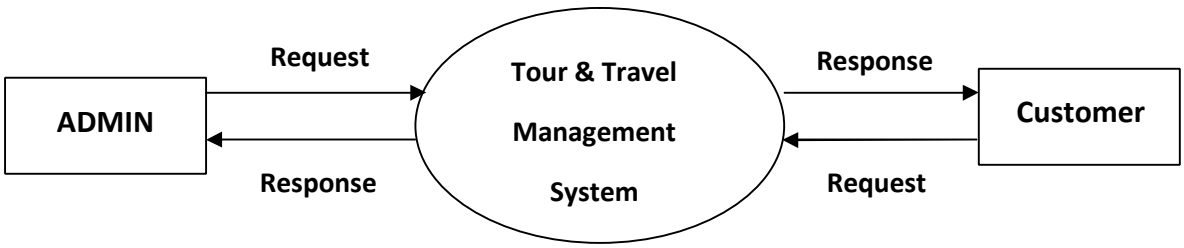
- Process should be named and numbered for easy reference. Each name should be representative of the process.
- The direction of flow is from top to bottom and from left to right.
- When a process is exploded into lower level details they are numbered.
- The names of data stores, sources and destinations are written in capital letters

Rules for Constructing a Data Flow Diagram

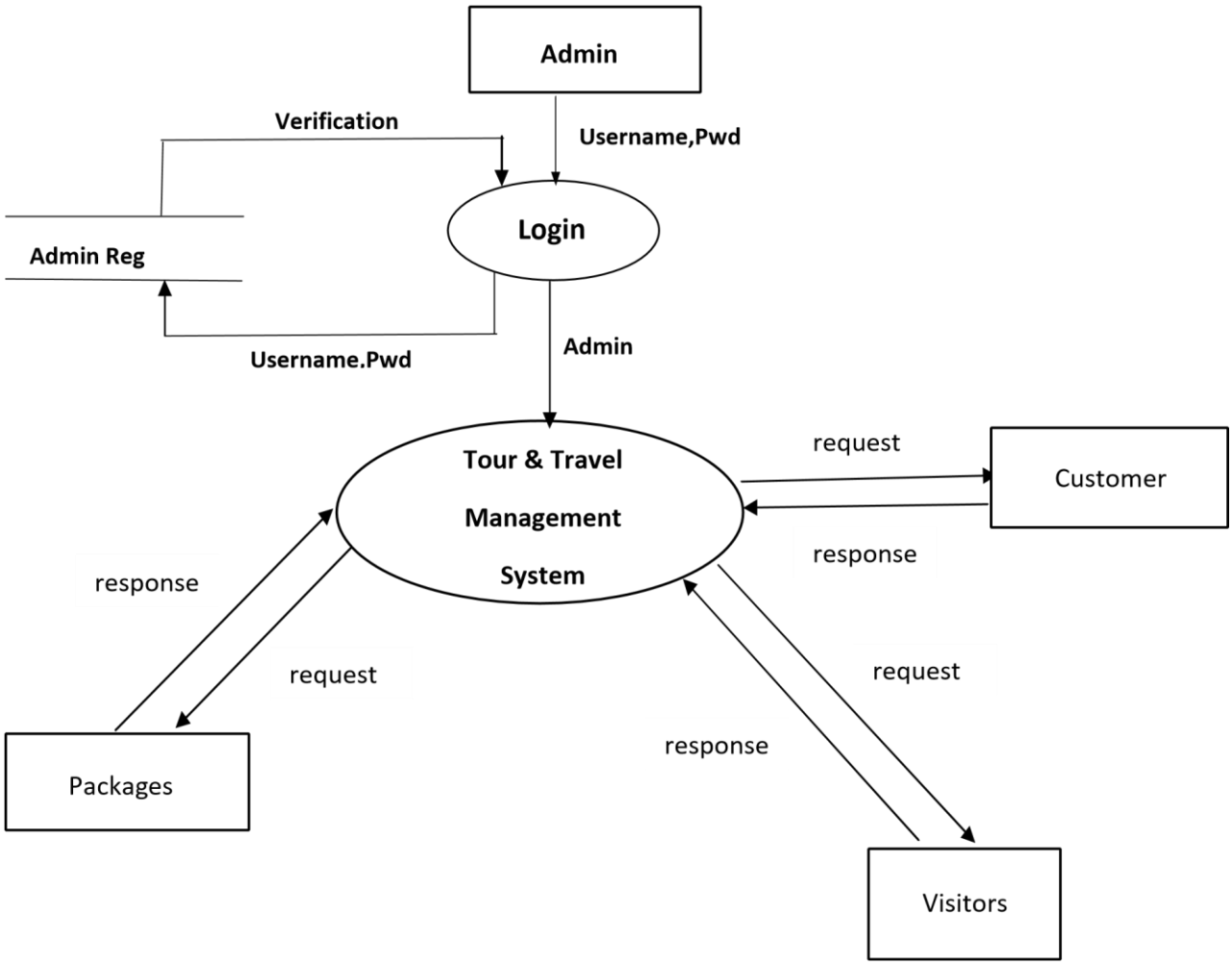
- Arrows should not cross each other.
- Squares, Circles and files must bear names.
- Decomposed data flow squares and circles can have same names.
- Choose meaningful names for dataflow.

Draw all data flows around the outside of the diagram

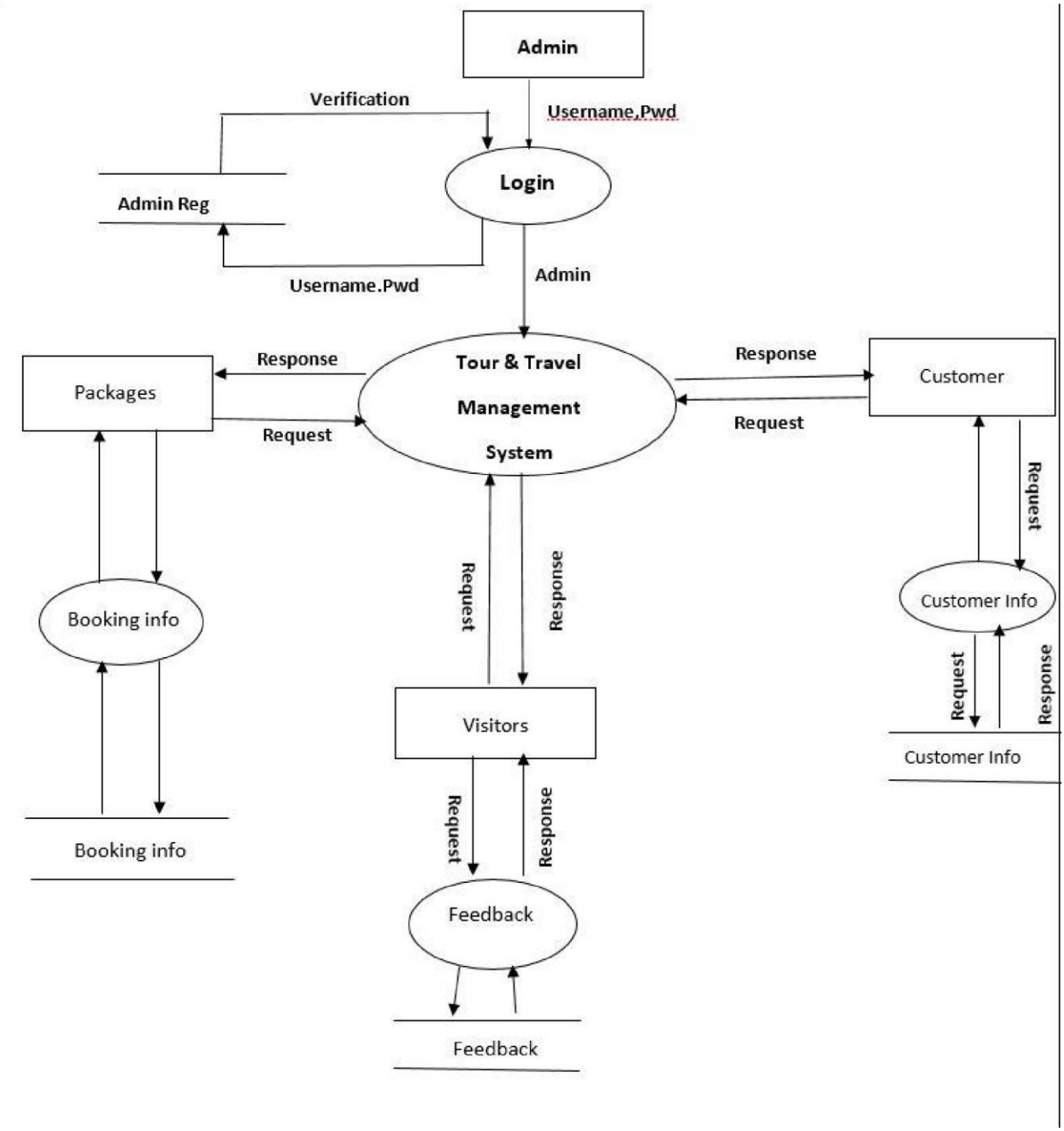
4.1.1.1 Context Level Data Flow Diagram



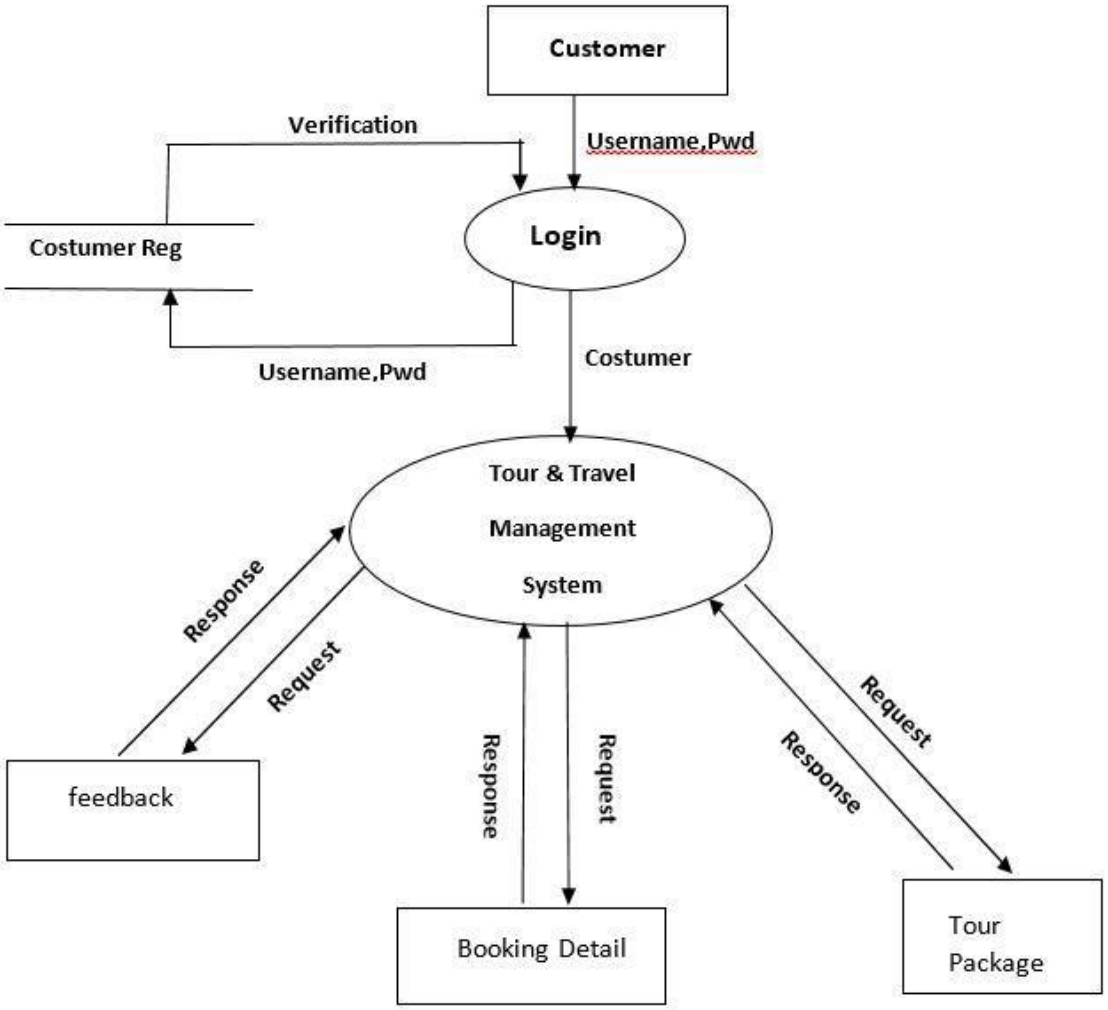
4.1.1.2 First level Data Flow Diagram for ADMIN



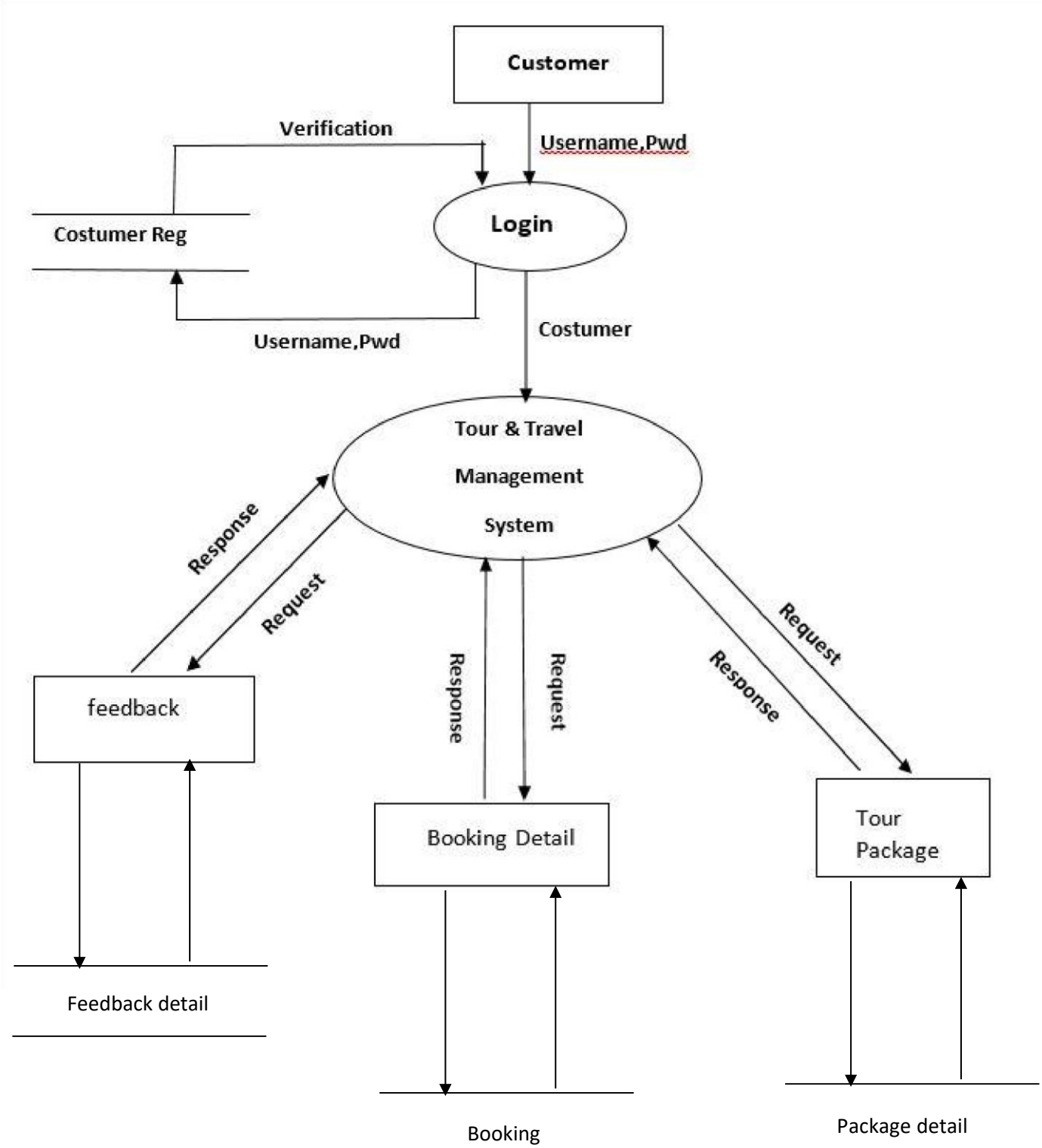
4.1.1.3 Second level Data Flow Diagram for ADMI



4.1.1.4 First Level Data Flow Diagram for Customer

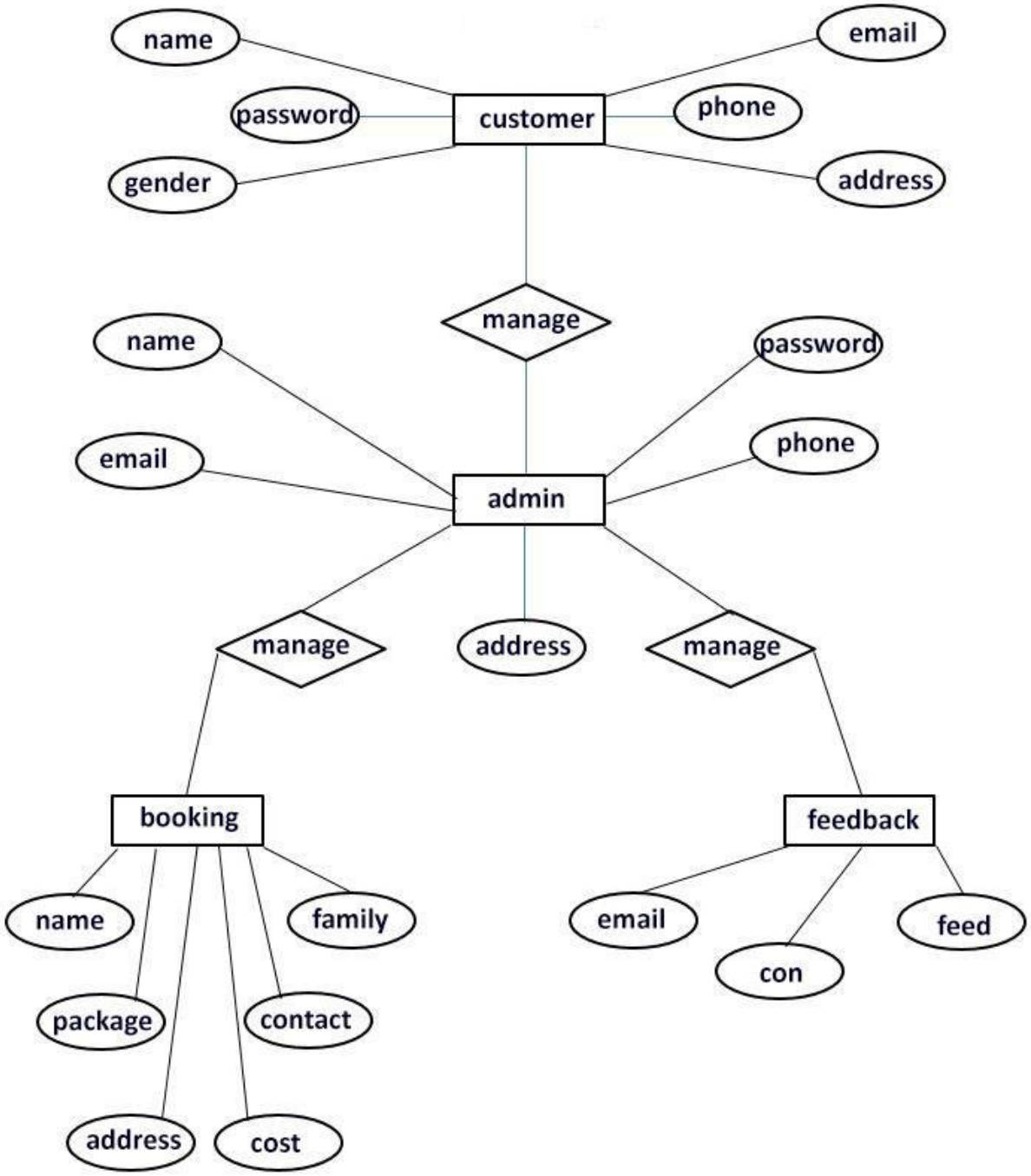


4.1.1.5 Second Level Data Flow Diagram for Customer



4.1.2 ER DIAGRAM

4.1.2.1 Customer and Admin



4.1.3 **IMPLEMENTATION:**

4.1. Table Name: Signup

Description- To store the customer Details

Sr. No.	Name	DataType	Constraints	Description
1.	Name	Varchar(32)	Primary key	Store Customer name
2.	Email	Varchar(32)	Not null	Store Email
3.	pass	Varchar(32)	Not null	Store Password
4.	Phone	Varchar(50)	Not null	Store Phone no.
5.	Address	Varchar(100)	Not null	Store Address
6.	gender	Varchar(100)	Not null	Store gender

4.2 Table Name: admin

Description- To store the admin Details

Sr. No.	Name	DataType	Constraints	Description
1.	Name	Varchar(32)	Primary key	Store Name
2.	Email	Varchar(32)	Not null	Store Email
3.	pass	Varchar(32)	Not null	Store Pass
4.	Phone	Varchar(50)	Not null	Store Phone
5.	Address	Varchar(100)	Not null	Store address

4.3 Table Name: booking

Description- To store the booking Details

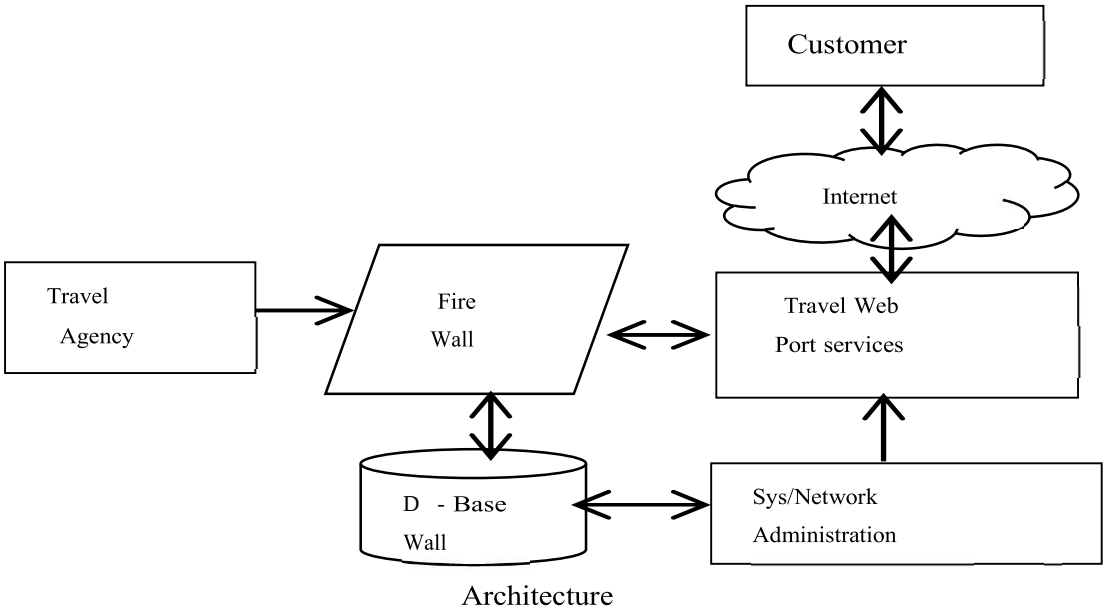
Sr. No.	Name	DataType	Constraints	Description
1.	Name	Varchar(32)	Primary key	Store Name
2.	family	Varchar(32)	Not null	Store Family Detail
3.	Cost	Varchar(32)	Not null	Store cost Detail
4.	Package	Varchar(50)	Not null	Store package detail
5.	Contact	Varchar(100)	Not null	Store contact detail
6.	Address	Varchar(100)	Not Null	Store address

4.4 Table Name: feedback

Description- To store the feedback Details

Sr. No.	Name	DataType	Constraints	Description
1.	Email	Varchar(100)	Primary key	Store Email
2.	Con	Varchar(15)	Null	Store contact
3.	feed	Varchar(200)	Not null	Store Feedback

4.2 ARCHITECTURE:



Architecture

CHAPTER: 5

INPUTS /OUTPUTS/SCREENSORT:

The major inputs and outputs and major functions of the system are follows:

Inputs:

- Administration enter his tourist id and password for login.
- Tourist enters his Tourist id and password for login.
- New tourists give his completed personnel, address and phone details for registration.
- Administration gives different kind of tourist information for search the tourist data.
- Tourist gives his tourist id, hint question, answer for getting the forgotten password.
- Employee /Tourist search for flight booking status
- Administrator search for visa processing status.

Outputs:

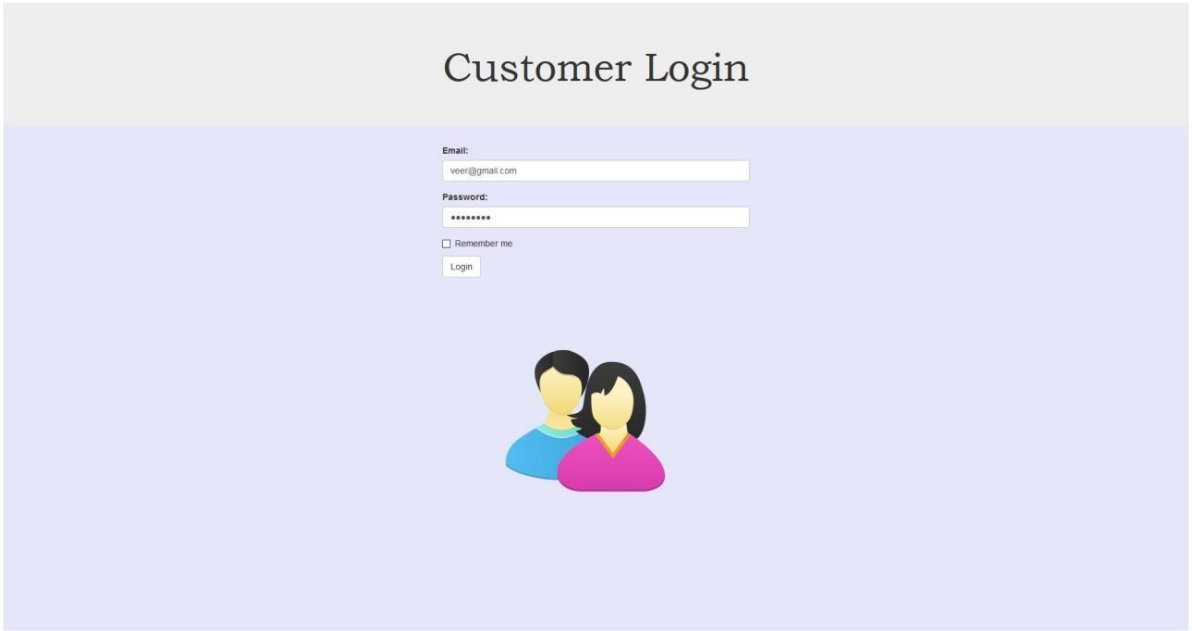
- Administration can have his own home page.
- Tourist enter his or her own home page.
- The tourist-defined data can store in the centralized database.
- Administration will get the login information of a particular tourist.
- The new tourist's data will be stored in the centralized database.
- Administration get the search details of different criteria.
- Tourist can get his forgot password.

- Travelling details can displayed to the employees.
- Administrator got1 visa processing completion documents.

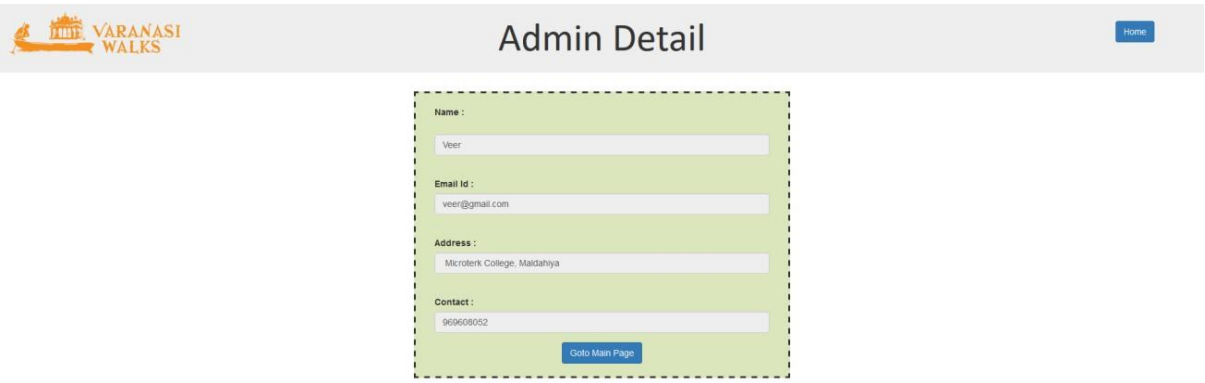
SCREENSHOT:

5.1 login.aspx

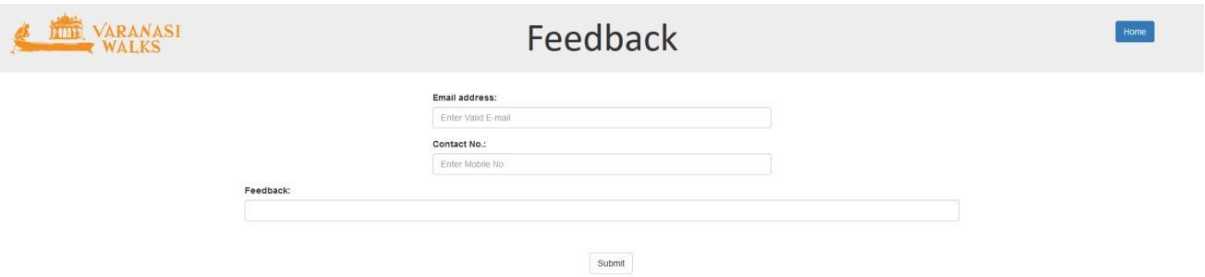
5.2cust.aspx



5.3 adminpage.as

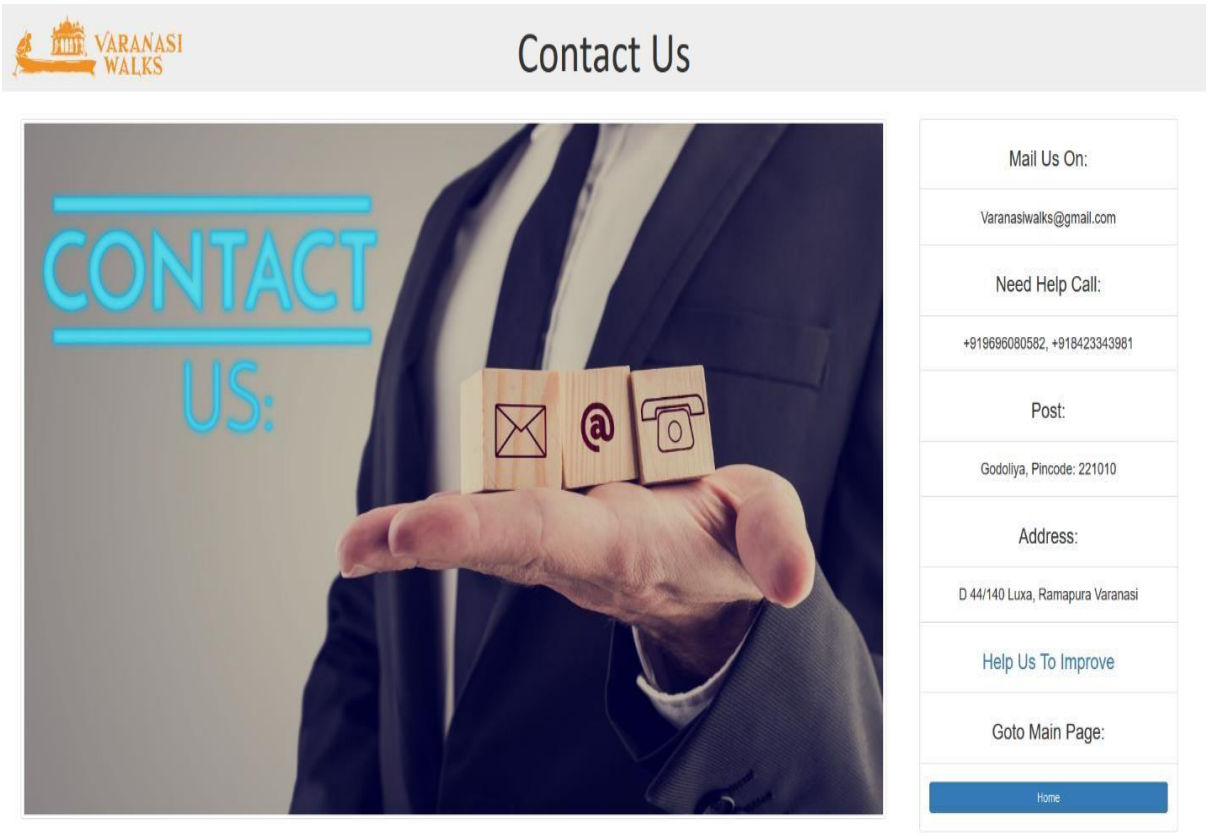


5.4 feedback.aspx



5.5 tourist.aspx

5.6 contact.aspx



CHAPTER: 6

FUTURE ENHANCEMENT/ CONCLUSION:

FUTURE ENHANCEMENT:

- In the future it will enhanced by providing Tour and Travels Management System for multiple cities on our websites.
- In future, we will give facility of online donation.
- We will include more functionality as per user require.
- Multiple package can booked by one customer at a time.
- Updated feature should enhanced for all modules.
- Real-time feedback facility available on our website.
- Travels management system will try to serve all expectations.
- Not a single website is ever considering as complete forever firstly because there is always something new requirement also are growing day by day.
- More facilities will be enhanced in this project, such as:
    - Online payment option.
    - Create Manual package by need of customers.

CONCLUSION:

Here we have presented the design of a tour management system that can provide the users with the required tourism guidance required anytime and anywhere. This is a combination of smartphone and Internet services. The tour management website contributes a reasonable way for the users to schedule their trips, since it provides detailed information about the tourist places including description, image and map. This method includes various features/services such as delivering customized packages, the distance between the source and destination location, Google maps, online ticket booking, etc. This process achieves its main goal by pertaining to real-time data.

CHAPTER: 7

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