

Mini Project Report on

Tourism Management System

Submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE & ENGINEERING

Submitted by:

Akriti Sharma

2018651

Under the Mentorship of

Designation

Mr. Pramod Mehra



Department of Computer Science and Engineering

Graphic Era (Deemed to be University)

Dehradun, Uttarakhand

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CANDIDATE'S DECLARATION

I hereby certify that the work which is being presented in the project report entitled “**Tourism Management System**” in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Computer Science and Engineering of the Graphic Era (Deemed to be University), Dehradun shall be carried out by the under the mentorship of **Mr. Pramod Mehra, Assistant Professor**, Department of Computer Science and Engineering, Graphic Era (Deemed to be University), Dehradun.

Akriti Sharma

2018651


signature

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Chapter 1

Introduction

- The main objective of the Travels and Tourism Management System is to manage the details of Customer, Hotel Booking, Cancellation and Tourism places. It manages all the information about Users, Hotel, Packages etc. The project is totally built at administrative end and thus only the administrator is guaranteed the access to the backend database. The purpose of this project is to build an application program to reduce the manual work for managing Tourists, Booking, Places etc.
- This application will help in accessing the information related to the travel to the particular destination with great ease. The users can track the information related to their tours with great ease through this application. The travel agency information can also be obtained through this application.
- Through this system, 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. This system will include all the necessary fields which are required during online reservation time. This system will be easy to use and can be used by any person. The basic idea behind this project is to save data in a central database which can be accessed by any authorize person to get information and saves time and burden which are being faced by their customers.
- Administrator can access and modify the information stored in the database of this system, this includes adding and updating of details, and it will give accurate information and simplifies manual work and also it minimizes the documentation related work. Provides up to date information. Finally booking confirmation notification will be send to the users.
- Tourists can register by providing personal details, make new reservation and book only one hotel and package and can make cancellation.

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1. INTRODUCTION

1.1. Objective

- ✓ The objective of the project is to develop a system that automates the processes and activities of a travel and tourism agency.
- ✓ The purpose is to design a system using which one can perform all operations related to traveling and sight-seeing.

1.2. 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.

1.3. 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 places they want to visit and make bookings online for travel and accommodation.

2. OVERALL DESCRIPTION

2.1 Project Description

- ✓ The main objective of the Travels and Tourism Management System is to manage the details of Customer, Hotel Booking, Cancellation and Tourism places. It manages all the information about Users, Hotel, Packages etc. The project is totally built at administrative end and thus only the administrator is guaranteed the access to the backend database. The purpose of this project is to build an application program to reduce the manual work for managing Tourists, Booking, Places etc.
- ✓ This application will help in accessing the information related to the travel to the particular destination with great ease. The users can track the information related to their tours with great ease through this application. The travel agency information can also be obtained through this application.
- ✓ Through this system, 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. This system will include all the necessary fields which are required during online reservation time. This system will be easy to use and can be used by any person. The basic idea behind this project is to save data in a central database which can be accessed by any authorize person to get information and saves time and burden which are being faced by their customers.
- ✓ Administrator can access and modify the information stored in the database of this system, this includes adding and updating of details, and it will give accurate information and simplifies manual work and also it minimizes the documentation related work. Provides up to date information. Finally booking confirmation notification will be send to the users.
- ✓ Tourists can register by providing personal details, make new reservation and book only one hotel and package and can make cancellation.

2.2 Analysis Phase

Requirement Analysis:

The Tour and Travel Management System is a web based application. The main purpose of "Tours and Travels Management System" is to provide a convenient and easy way for a customer to book hotels, flight, train and bus for tour purposes. To run this System, Software and Hardware Requirements are necessary. Requirements which are needed are given below briefly.

Hardware Requirements:

- Processor At least 2.0 GHZ
- RAM-At least 2GB

Software Requirements:

- Operating System Windows.
- Runtime Environment Net Framework 4.5
- Frond End PHP, HTML, CSS, JavaScript, Ajax.
- Back End MySQL
- Editor Tools Atom, Notepad++
- Other Graphics Tools Adobe Photoshop
- Web Browser-Google Chrome, Firefox, or any compatible update browser.

Project Develop Languages:

- There are two kinds of languages have used in "Tour Management System". One is Programming Language and other is Database Language. Front End, I have used PHP. JavaScript, HTML, CSS & Back End, I have used MySQL Database Language in my "Tour Management System"
- **Programming Language & Markup Language:** PHP, JavaScript, HTML
- **Color Script Language:** CSS

- **Database Language: MySQL**

Why I used to Develop the above Languages?

- **JavaScript:** This language helps to make dynamic Website. I have used JavaScript at home page for "Slideshow & Time".
- **PHP:** This language helps to develop logical function in Website. I have used PHP in different section for creating function such as "Database Connection". "Admin/User Login Validation", "Data Insert, Update, Retrieve and Delete".
- **HTML:** This is markup script Language for creating web page. I have used it different section in my "Tour Management System" Such as for making "Header & Footer" in home page. Inbound and Outbound Title's information.
- **CSS:** Cascading Style Sheet is a Style sheet language that mostly used to design website. I have used this style sheet language in different section at my project. Such as "Admin Panel" Design, Home Page "Top Navigation Drop Down Bar" design.

3. FUNCTIONAL REQUIREMENTS

3.1. ADMINISTRATOR MODULE:

- 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. restaurants etc.

3.2. TRAVELS MODULE:

- This module provides the details of various travel agencies. A user can select the appropriate agency depending on convenience and accessibility.

3.3. ROUTES MODULE:

- This module provides information related to various routes connecting sources and destinations. For each route, information such as source, destination, fare, reservation details, pick up points etc are provides. Only administrator can add delete, edit and manage the data. Users can only view the information

3.4. RESERVATIONS MODULE:

- This module provides functionalities that allow a user to book tickets or cancel previously booked tickets. The module maintains the details of all reservations made so far and allows administrator to either confirm or reject the bookings.

3.5. FEEDBACK MODULE:

- 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.

4. NON-FUNCTIONAL REQUIREMENT

4.1. Input Design

Input design is a part of overall system design. The main objective during the input design is as given below:

- To produce a cost-effective method of input
- To achieve the highest possible level of accuracy.
- To ensure that the input is acceptable and understood by the user.

4.2. Input Stages

The main Input stages can be listed as below:

- Data recording
- Data transcription
- Data conversion.
- Data verification
- Data control
- Data transmission
- Data validation
- Data correction

4.3. Input Types

It is necessary to determine the various types of inputs. Inputs can be categorized as follows:

- External inputs, which are prime inputs for the system.
- Internal inputs, which are user communications with the system.
- Operational, which are computer departments communications to the system?
- Interactive, which are inputs entered during a dialogue.

4.4. Input Media

At this stage choice has to be made about the input media. To conclude about the input media consideration has to be given to:

- Type of input
- Flexibility of format
- Speed
- Accuracy
- Verification methods
- Rejection rates
- Ease of correction
- Storage and handling requirements
- Security
- Easy to use
- Portability

Keeping in view the above description of the input types and input media, it can be said that most of the inputs are of the form of internal and interactive. As Input data is to be the directly keyed in by the user, the keyboard can be considered to be the most suitable input device.

4.5. Output Design

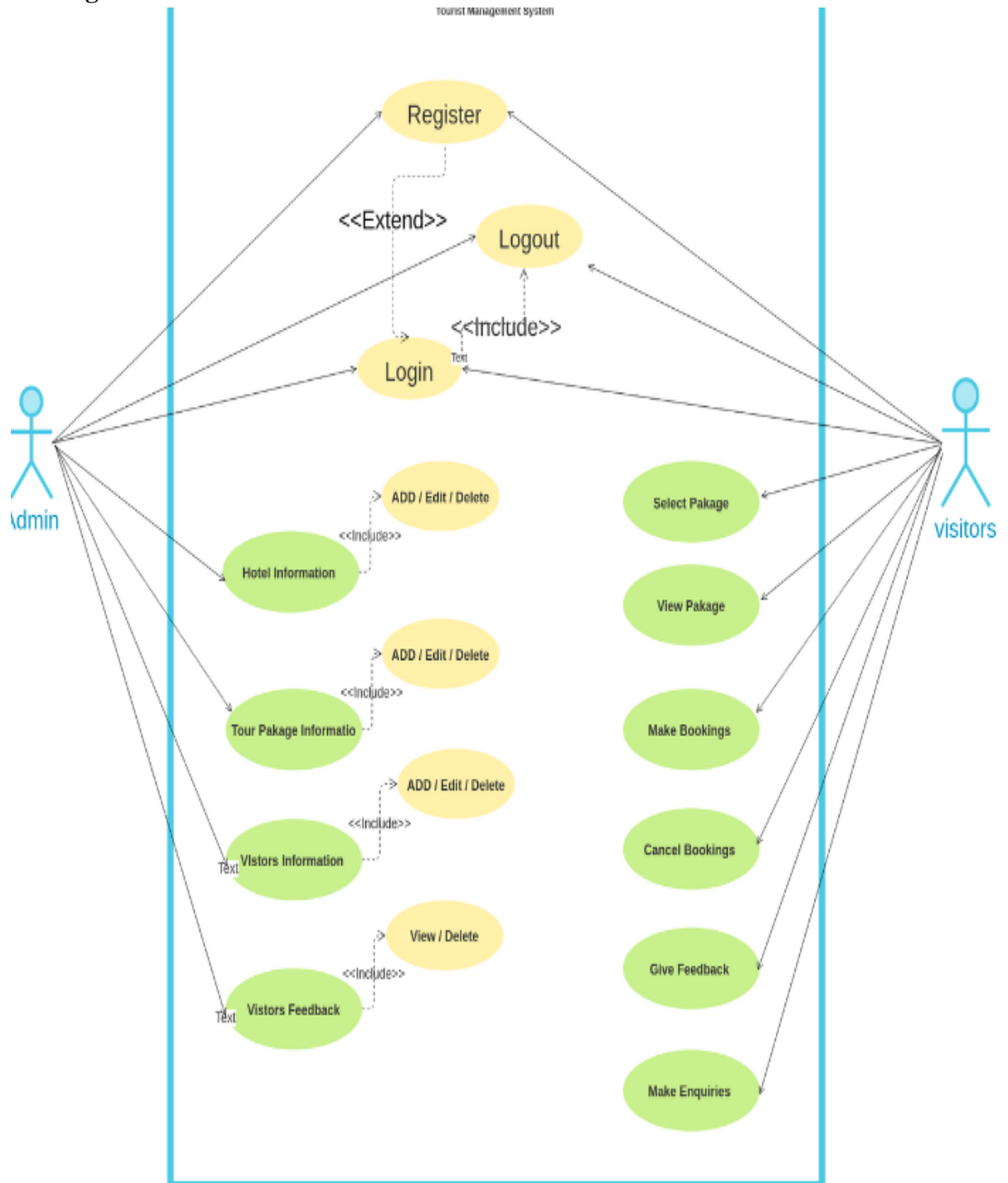
Outputs from computer systems are required primarily to communicate the results of processing to users. They are also used to provide a permanent copy of the results for later consultation. The various types of outputs in general are:

- External Outputs whose destination is outside the organization.
- Internal Outputs whose destination is within organization and they are the Users main interface with the computer.

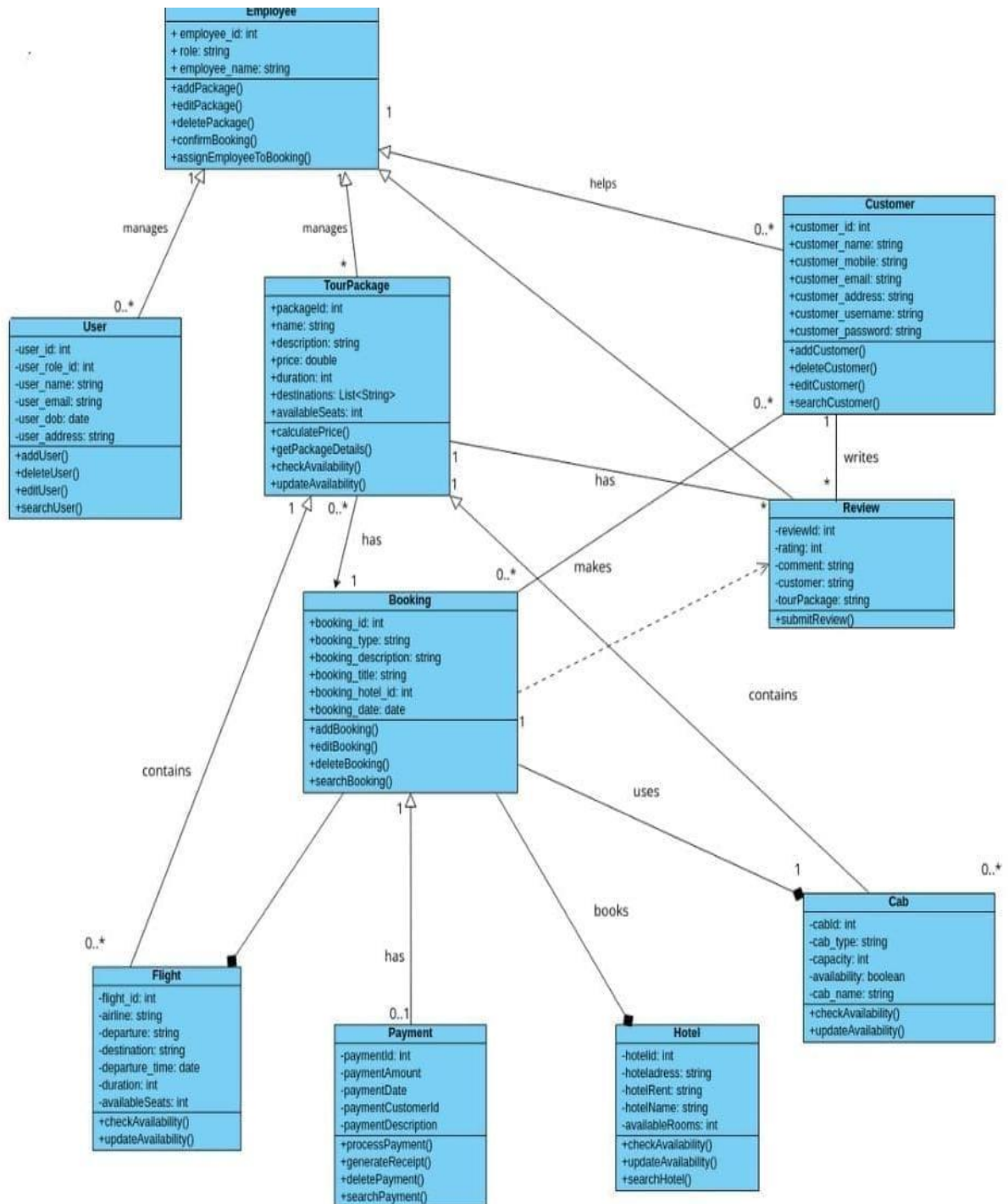
- Operational outputs whose use is purely within the computer department.
- Interface outputs, which involve the user in communicating directly with the system.

5. DIAGRAM

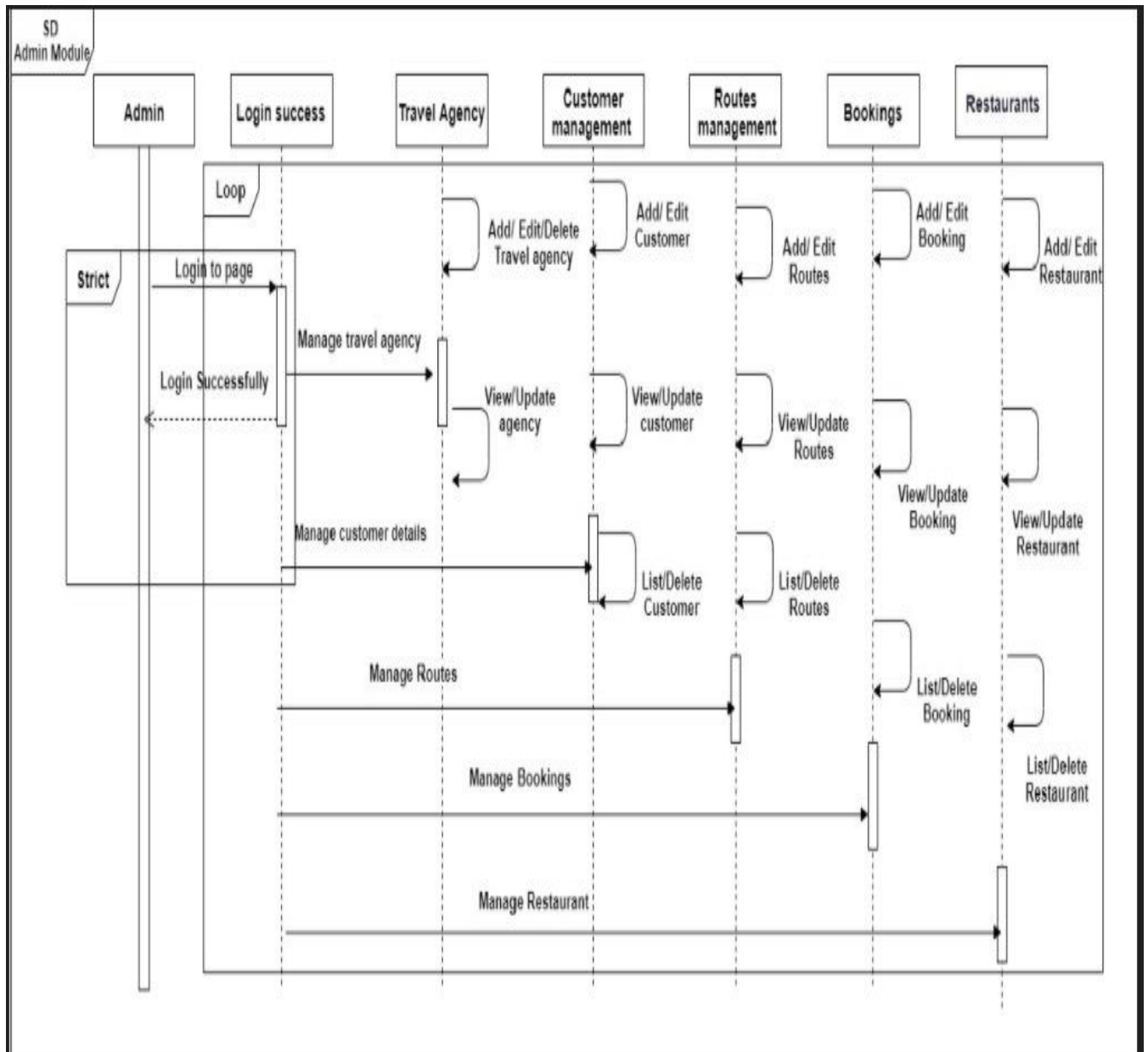
5.1. Use Case Diagram



5.2. Class Diagram

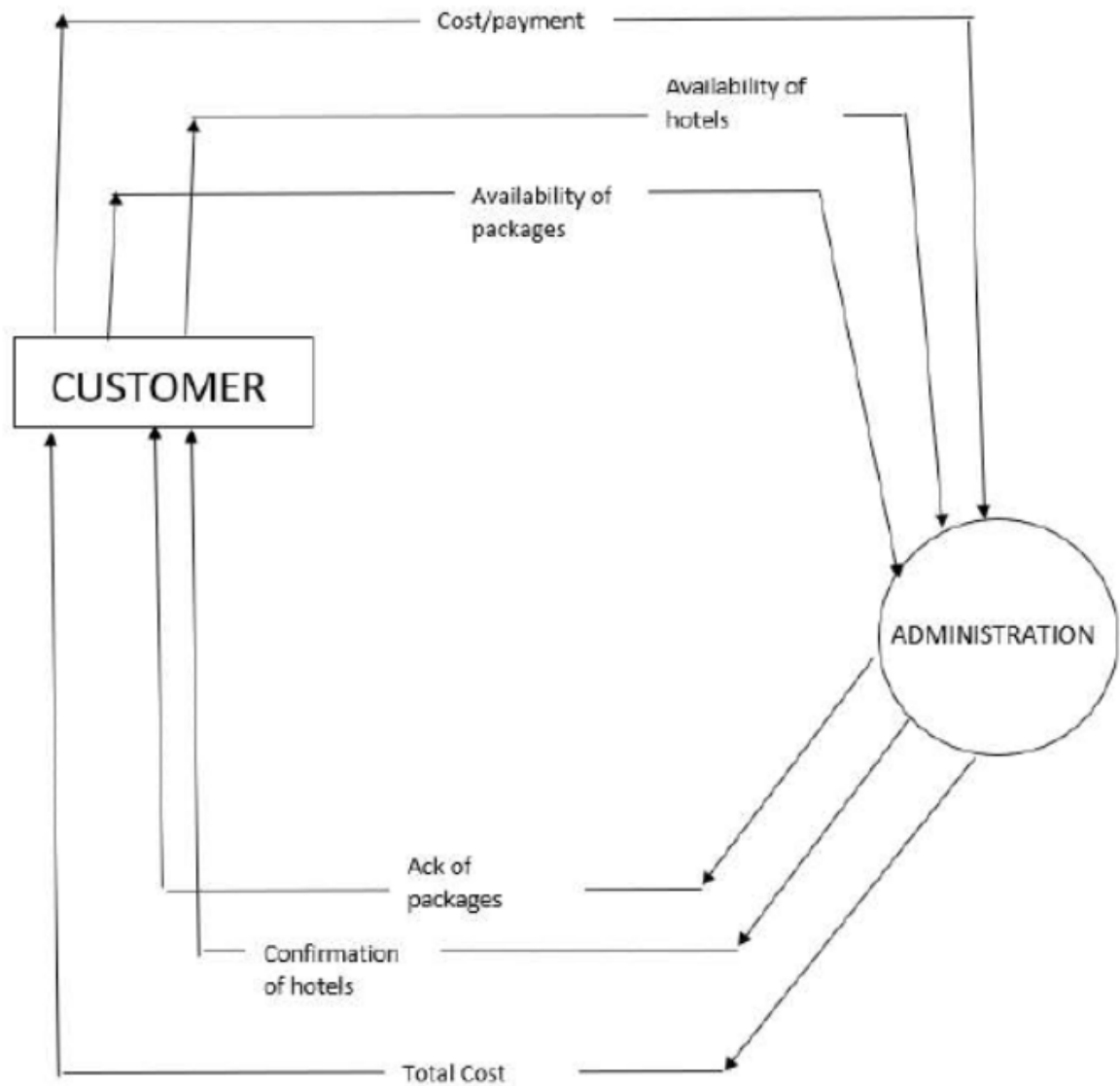


5.3. Sequence Diagram

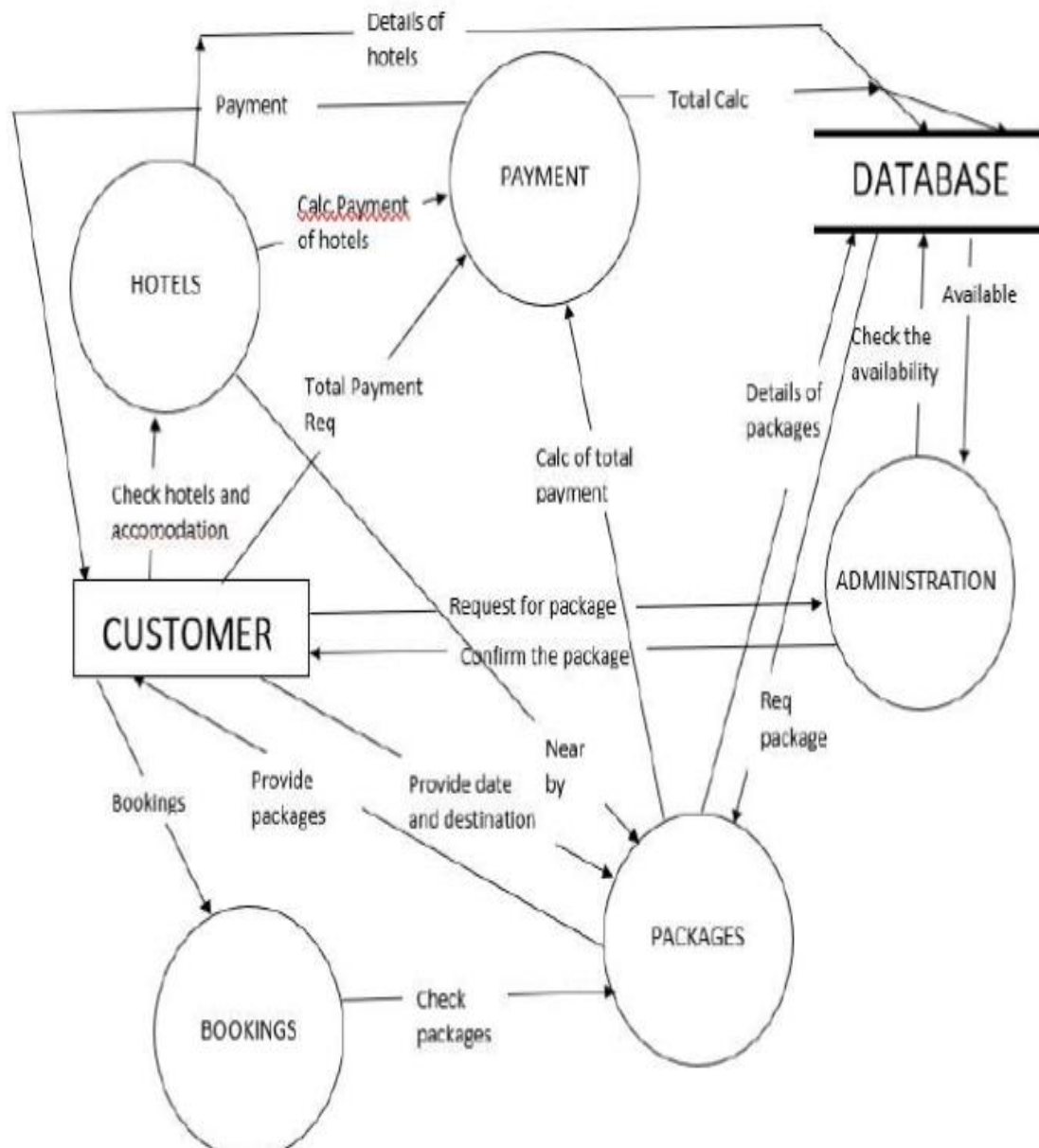


5.4. Data flow Diagram

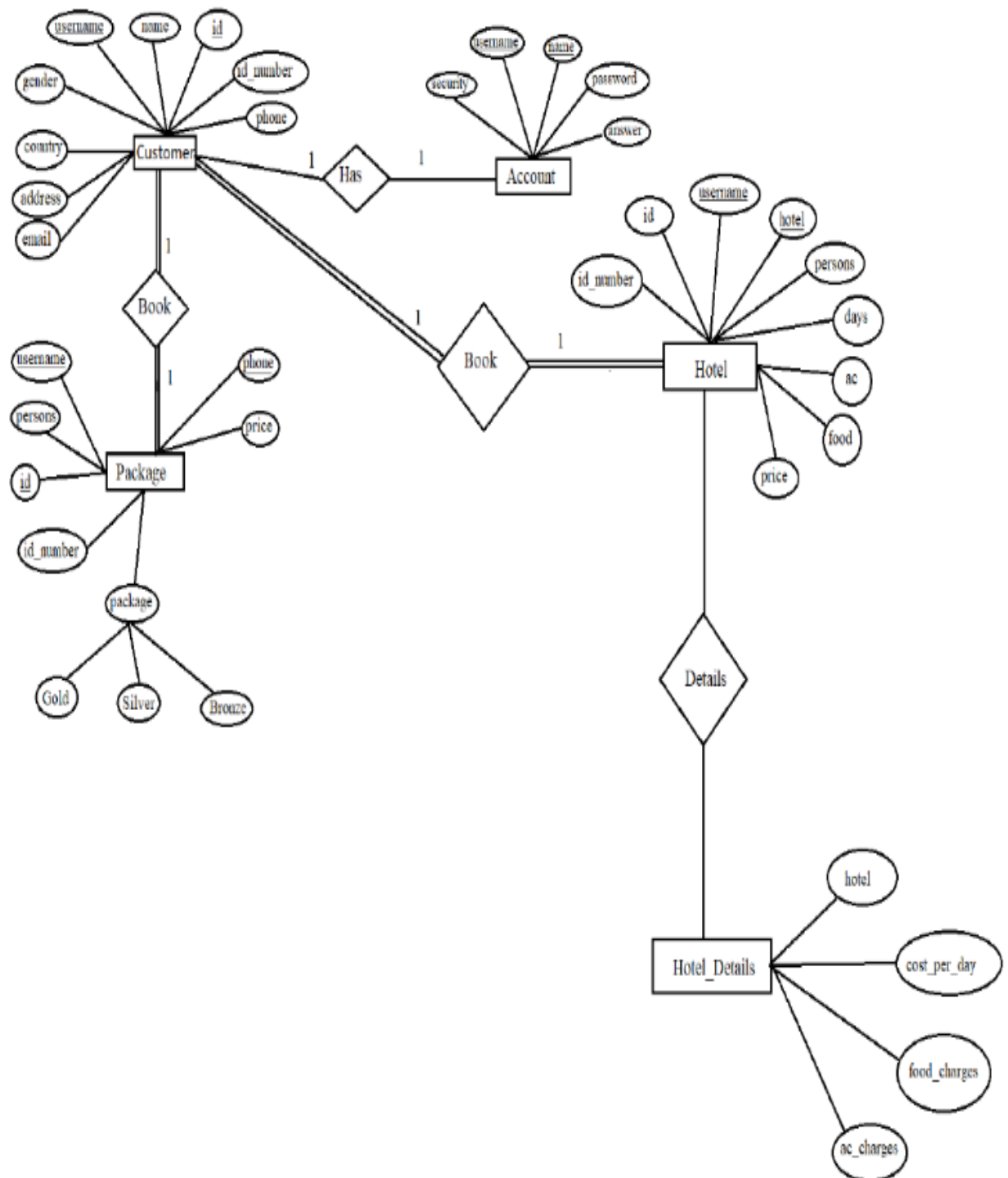
- LEVEL 0-DFD



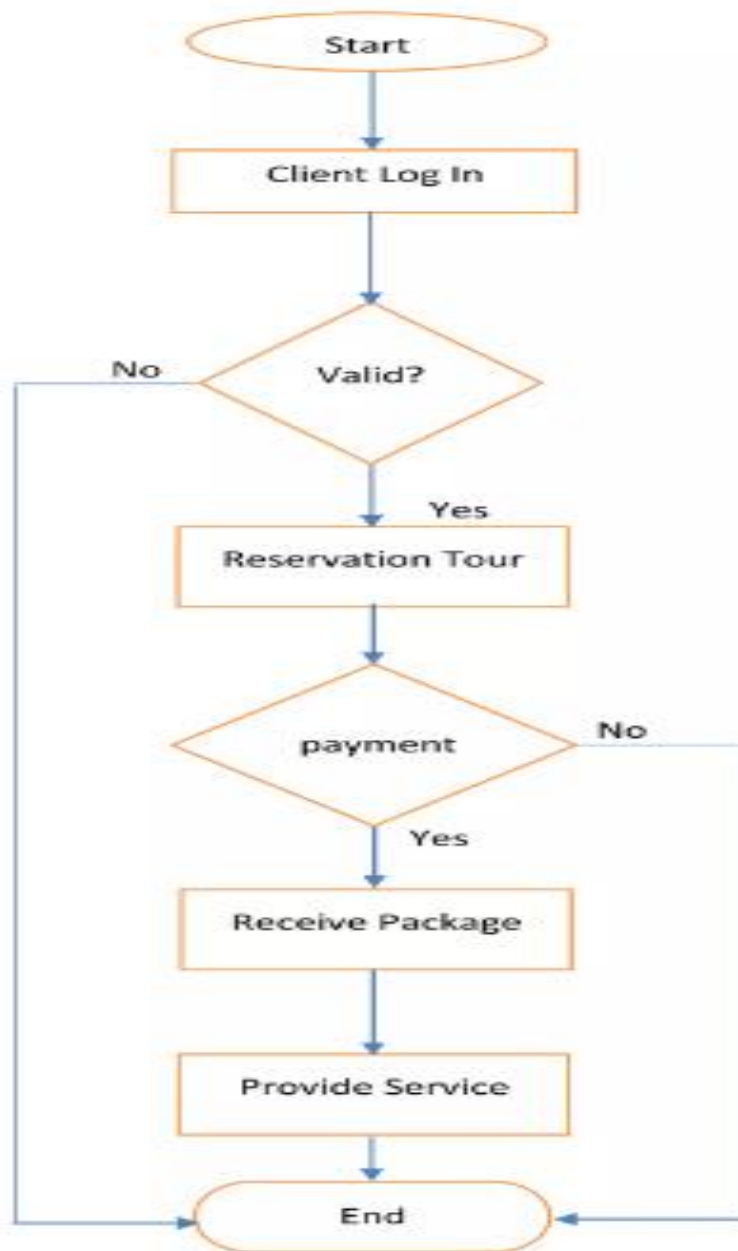
- LEVEL 1-DFD



5.5. Entity Relationship Diagram

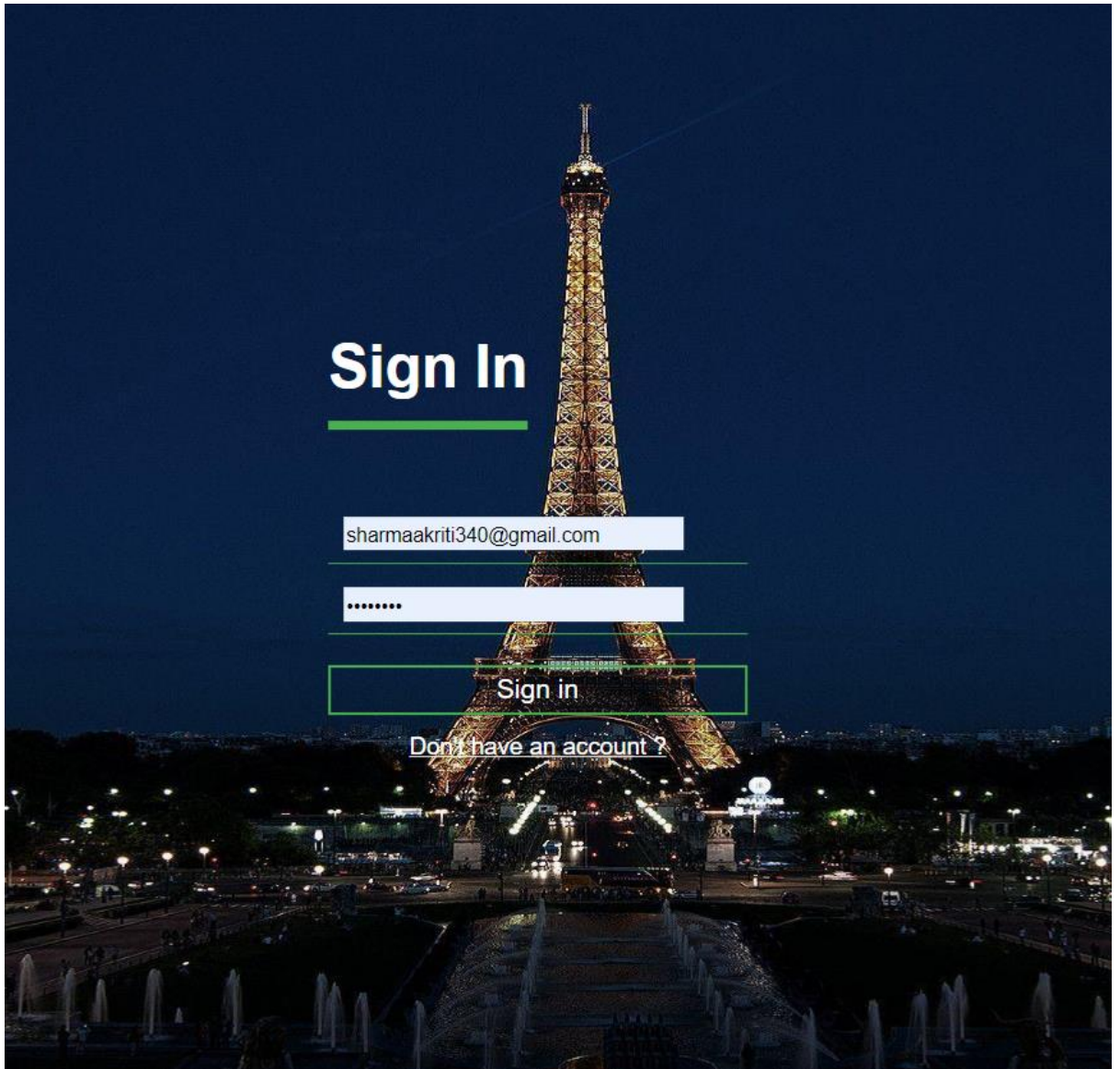


5.6. State Diagram

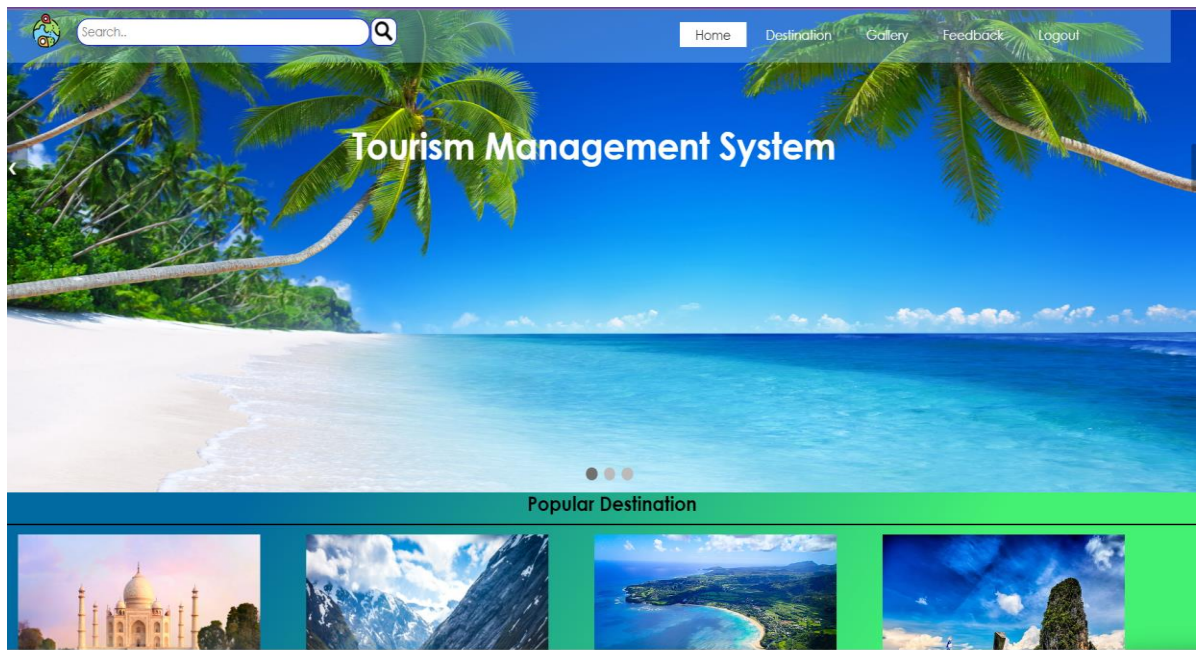


6. GUI

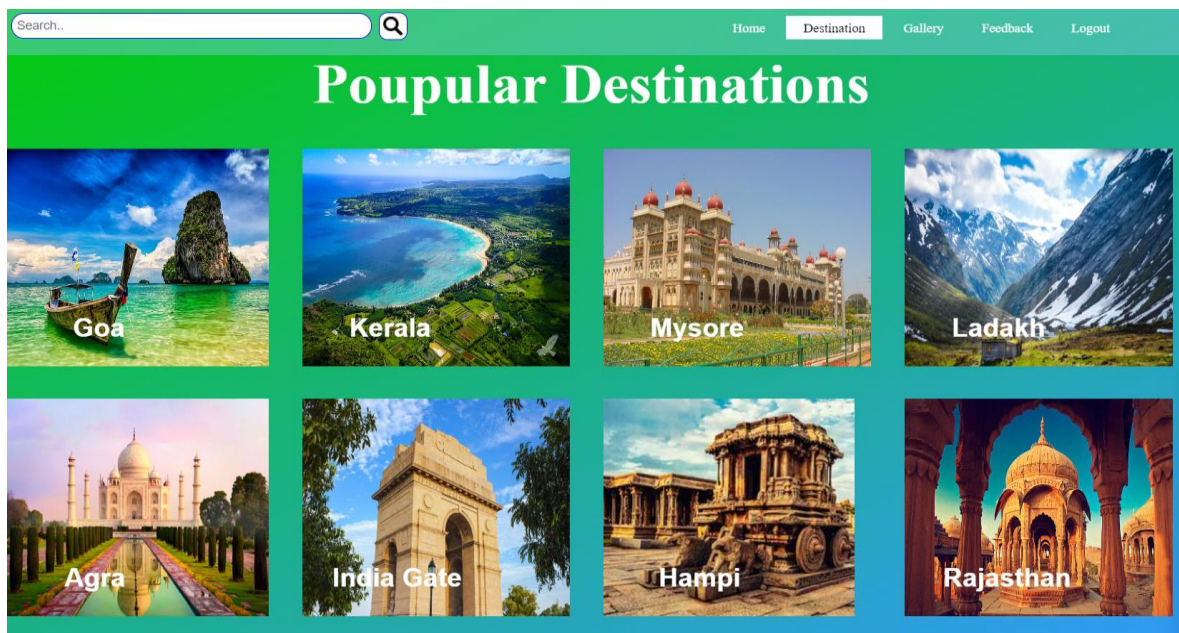
- Sign in page



- Front page of the system




- Popular destination



- Booking of tour

Place Information





Mysore

Mysore Palace, also called Amba Vilas Palace, is one of the most magnificent and largest palaces in India. Situated in the southern state of Karnataka, it used to be the official residence of the Wodeyar Dynasty, the rulers of Mysore from 1399 to 1950. The grand palace stands tall in the heart of Mysore city and attracts visitors from across the world. Being one of the prime attractions in India after the Taj Mahal, it certainly deserves a place in every traveler's bucket list. So why not visit Mysore Palace this holiday season?

Package: 9000 Rs

[Book Tour](#)

🔍

[Home](#)
[Destination](#)
[G](#)

Tour Booking

First Name

Last Name

Email

City

Phone

Destination

Submit

- Feedback form for the customer

The image shows a web form titled "Feedback Form" set against a blue background with a purple border. The form has a light gray header bar with the title. Below the header, there are three input fields: "Your Name", "Your Email", and a larger "Feedback:" text area. The text area contains the placeholder text "Please write your Feedback here". At the bottom of the form is a "Submit Feedback" button.

Feedback Form

Your Name

Your Email

Feedback:

7. REFERENCES

- <https://www.scribd.com/document/434577908/Toursim-Management-System-Tms-Project-Report>
- <https://www.studocu.com/in/document/dit-university/software-engineering/project-report-of-travel-and-tourism-management-system/54299421>
- <https://www.studocu.com/in/document/dit-university/software-engineering/travel-and-tourism-management-system-srs/38131242?origin=course-suggestion-1>
- <https://www.slideshare.net/slideshow/tour-management-system/108701001>