

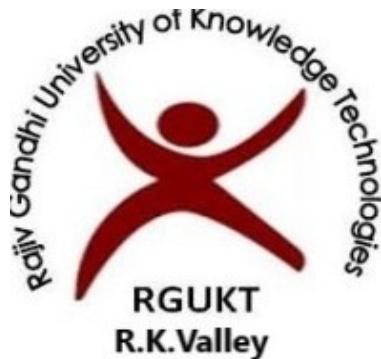
A Project Report on

ONLINE TOURISM WEBSITE

Submitted by

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Submitted to



Under the supervision of
E.Susmitha
Assistant Professor
COMPUTER SCIENCE & ENGINEERING

as a part of

Partial fulfillment of the degree of Bachelor of Technology in
Computer Science Engineering

Date:29-04-2022



CERTIFICATE

This is to certify the report entitled "**ONLINE TOURISM WEBSITE**" submitted by B.V. Pavani(R170431),SK. Reshma(R170205),G Jyoshna (R170353),K Cherishma(R170158), A Udaya sree(R170096) in partial fulfillment of the requirement for the award of Bachelor of Technology in Computer Science and Engineering is a bonafide work carried out here under my supervision and guidance.

The report hasn't been submitted previously in part or in full to this or any other university or institution for the award of any degree.

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DECLARATION

We B.V. Pavani(R170431),SK Reshma(R170205),G. Jyoshna(R170353), K. Cherishma(R170158), A Udaya Sree(R170096) hereby declare that this report entitled "**ONLINE TOURISM WEBSITE**" submitted by us under the guidance and supervision of **E.Susmitha**. We also declare that it has not been submitted previously in part or full to this University or other institution for the award of any degree or diploma.

Date: 29-04-2022
Place:RK Valley

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SK Reshma(R170205),
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With sincere regards

B.V Pavani(R170431),
SK Reshma(R170205),
G Jyoshna(R170353),
K Charishma(R170158),
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Abstract

Online Tourism website which allows online booking of tourist places all over India.

You can conveniently use your computer/Android mobile to place your order online. You can select your choice of state, time slots etc., from the online Tourism platform. Once you have finalized your trip, then you can proceed to payment and you can pay online through any of the payment modes like through credit card, debit card and UPI and confirm the booking.

When you confirm the booking, then your trip will be finalized with respective to the time slot you registered before.

SCENARIO

Online Tourism Website which allows the visitors to travel all over the India. Customers can visit top 10 places in each state in India. User can conveniently use their computer/system or mobile phone to book slot for trip.

User can select the state from the website. After selecting a state it displays the description about each place. each state has different package amount. If user can afford that package he/she can register for trip.

User can register by providing personal details and from which date to which date user want to travel and user want to fill the no of days of travel. all those details should be filled.

After registering user make payment via online banking like UPI etc..

The details like transaction number, vacation date will be sent to the customer through mail.

REQUIREMENT GATHERING :

1)CUSTOMER :

Customers need to open site of online tourism website.

Customer have to login with mail id & password and engage their menu in the home page.

Customer choose packages the state which they want to visit and each state contain a limited package if it satisfy to customer,he should register for that place.

After registering customer had to make a payment and select time slot based on their convenience.

2)MANAGER :

Manager is responsible for every work done in the website.

Manager can verify all the bookings.

Manager want to generate payment reports of the online bookings updating/cancelling should also be under control of manager.

3) This state contains 29 states information of different places and their description also provided.

4)GUIDE :

A Tourist guide also provided for each state and he can show the places and tells about their importance.

5)VEHICLES :

Vehicles should be provided by website manager.

6)SYSTEM ORGANIZER :

System organizer should contain all the information about payments and details of booked slots.

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Software Requirements Specification

1.INTRODUCTION:

This project is to develop Online Tourism Website. The main focus of this project is providing the top tourist places list in each state in India and provide tourist package for people at low budget. The user can book a package that he wish to visit. Package includes food charges, travelling charges, and staying charges. And can sign in to check the travel details.

This online Tourism software is so designed as to ease the work load of Customers. The main feature is that the company itself provides a tourist guide who has good knowledge about all places in that package and he will explain them to the visitors.

1.1 Scope & Objectives:

This website is user friendly, As this is generic software it can be used by a wide variety of users to decrease the work load of customers as we are providing all the details about places and price clearly. places are categorized into different categories in such a way that visitors can easily select their packages.

This project is basically providing pre-booking of date or number of days tour. It makes people who don't have knowledge about languages other than their mother tongue can visit far distance tourist places.

For example, south Indians who don't know north Indian languages may wish to visit heavenly places in North India but due to lack of correct guidance they don't know about many places they may drop their trips. In such cases this software helps a lot.

1.2 Intended Audience and reading suggestions

Intended audience are visitors, tourist guide, vehicle driver, manager. visitors are the persons who are going to visit the tourist places. Tourist guide will show the places and explain about the history/details of places. vehicle driver is the person who drives the vehicle for a long distances of travel. Manager is the person who manages the whole process

toursim management system.

1.3 Project vision:

This project vision is to develop Online Tourism software tool which is user friendly and easily accessible. This software provides solutions to visitors who wish to travel all over India in different states.

1.4 References:

www.wikipedia.com

Fundamentals of Software Engineering book, Fourth Edition by Rajib Mall .

2. OVERALL DESCRIPTION

It briefly describes the major features and a brief description of each of the proposed system.

2.1 Project Prospective:

The toursim management system is proposed with the following description:

- The computerization of the toursim management system will reduce a lot of paper work and hence load on the toursim managemnet staff.
- The benefit of this project is to reduce the work of office staff and it is easy to manage the personal details of the visitors securely in a database which helps for the future purpose.
- The vsitor ,registrations,cancellations lists can be easily retrieved and any required addition ,deletion or updation can be performed at any time.
- The system provides for User-ID validation ,hence unauthorized access is prevented.
- It enables us to maintain the package details like available time slots,duration of each trip, and payment details.

2.2 User classes and interfaces:

Customer(visitor):

- Customer can book any state package through our online Tourism software.
- Customer can view the places available through the website.
- Customer can book the package based on their interest and budget.
- Customer can search places by searching functionality.

Website manager:

- Manager collects details from the customer through online and fixes a period of days for trip.
- Manager provides all the packages available in the website and updated every day.
- Manager ensures whether the package is available for next one week or not.

Guide:

- The guide receives instructions from manager.
- Guide picks the visitors and stay with them up to end of their trip .
- Guide helps the visitors in travelling and make sure that they covered all places in their package.

Vehicle provider:

- Vehicle provider receives instructions from manager.
- Vehicle provider provides vehicle according to number of people in team.
- Vehicle providers number of drivers according to number of days a trip was.

2.3 Operating environment:

The os types are:

Windows XP

Windows 98

Windows 10

Linux

2.4 Design and implementation constraints:

Design and implementation constraints

Software constraints:

- The system will run under windows and linux operating systems
- The transaction must be successful for the seats only to be booked for trip.
- User can access the portal from any device which has good internet connection and internet browsing capacities otherwise it cannot be possible.

2.5 Assumptions and Dependencies:

- Users will be having a valid user name and password to access the software.
- If there is any delay regarding to the arrival of the vehicle timings,then those type of modifications will be updated in the system.
- Software is dependent on access to internet.

3 SYSTEM FEATURES:

3.1 Functional requirements:

1. Registration: If traveller wants to book a slot for their trip, then he/she must be registered. Unregistered user cannot book the seats.

2.Login: Traveller logins to the system by entering valid details like user name,email id and password for the seats to be booked.

3.Select: User is allowed to select the places according to their wish to travel.User can also select feasible time slot according to their convenience.

4.Payment: The payment is done through online banking .

5.Error handling: If any of the above validation/sequencing flow does not hold true,appropriate error message will be prompted to the user.

Cancellation: User can cancel their trip or may change the places/time of the trip based on their convenience.

4 EXTERNAL INTERFACE REQUIREMENTS

4.1User interfaces

The system is easy to learn and understand. A native user can also use the system effectively,without any difficulties.A login screen is provided in the beginning for entering the required user name and login password.

After the login,a screen with a number of options is then shown to the user. It contains allthe options along with the brief description to enable the user to understand the functioningof the system and to select the proper option.

Not only after entering of login system we have an option like explore where traveller will see the places and discription.

In case of manager,a screen will be shown having options to reboot the system,blocksystem,disable any service,update any service.

4.2Hardware interfaces

The system must be run over the internet, all the hardware shall require to connect internet will be hardware interface for the system. As for example Modem, WAN-LAN, mobile internet.

Minimum Hardware Requirements

Processor Pentium III

Hard disk drive 40 GB

RAM 128 MB

Cache 512 kb

Preferred Hardware Requirements

Processor Pentium IV

Hard disk drive 80 GB

RAM 256 MB

Cache 512 kb

4.3 Software Interfaces

In order to perform various different functions, the software needs to interact with various other software like payment transaction.

Any one of the windows, Linux based operating system and sql are software requirements for this system.

Technologies Used:

- **HTML5**
- **CSS**
- **JAVA SCRIPT**

4.4 COMMUNICATION INTERFACES:

Communication function required the internet protocol version 6 and it will follow HTTPS. It will use FTP for whole system with local server and email communication to device to device of the system for giving the ordered details and information to the management and employees.

5.NON FUNCTIONAL INTERFACE AND REQUIREMENTS

Reliability:

User should get appropriate information related to places and packages available.

Usability:

This software need to be updated as per the packages available and based on the time slots of the visitors.

Availability:

This software should provide 24/7 access to the customer. Manager and user can also access this software at any time to check the places.

Performance:

This software should provide good performance so that the time to get data will be less. Anyone who is accessing this application should get the data required quickly from the database based on their request.

Security:

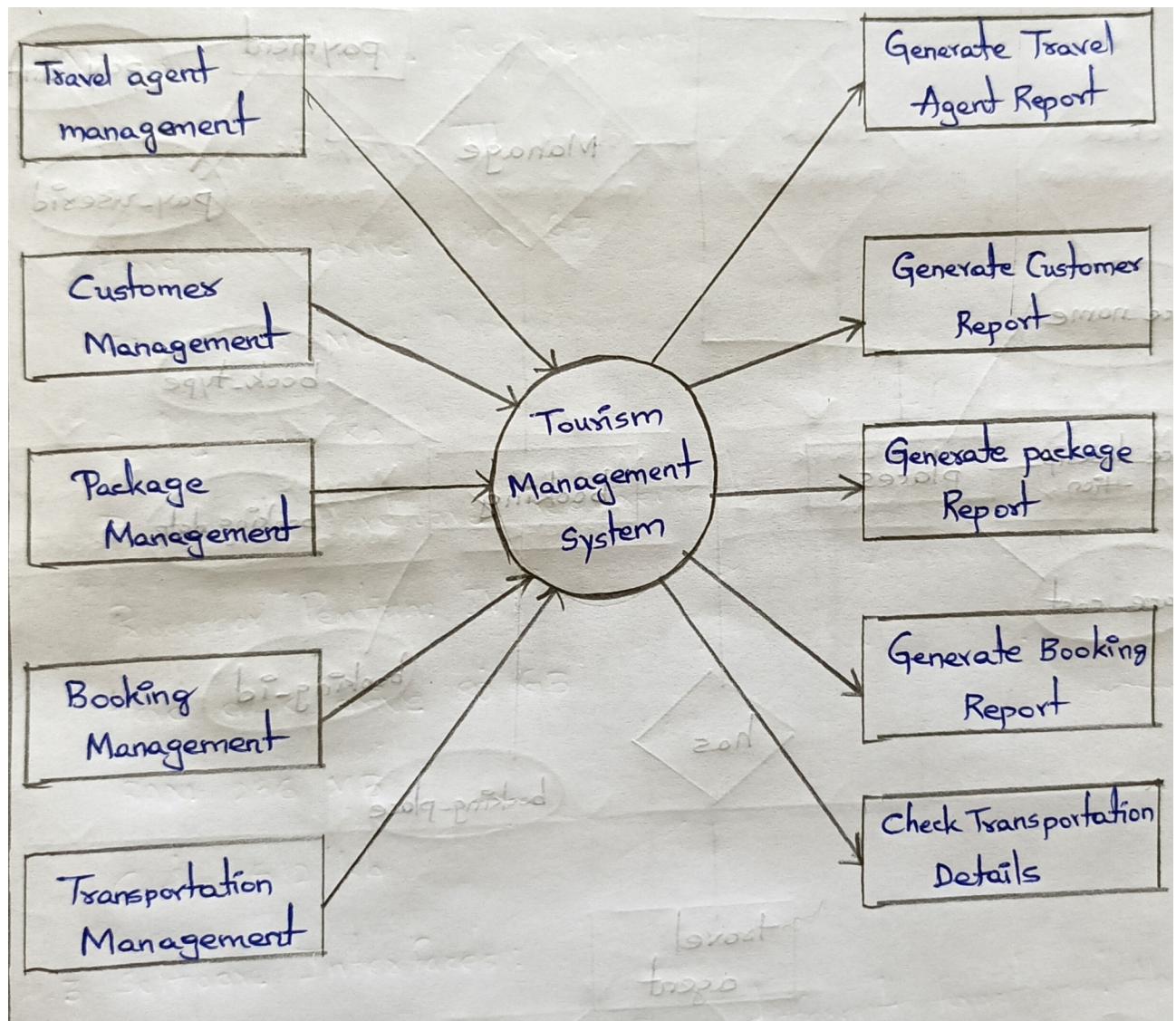
This software should be more secured inorder to save confidential data from hackers as it consists of personal information related to visitors.

Platform compatibility:

This software should work on any kind of browser as it is a web application.

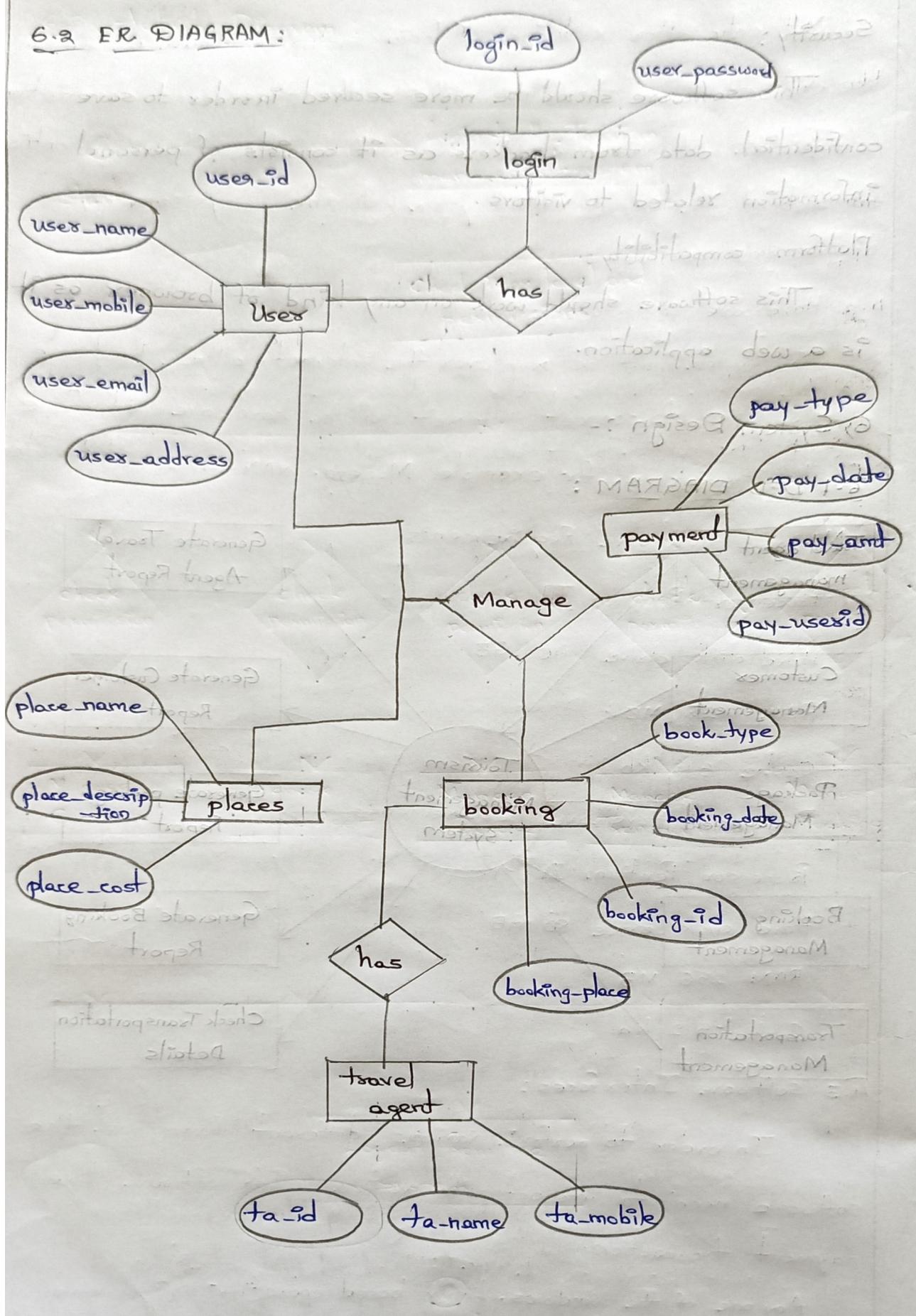
6.SYSTEM DESIGN

6.1 DFD DIAGRAM:

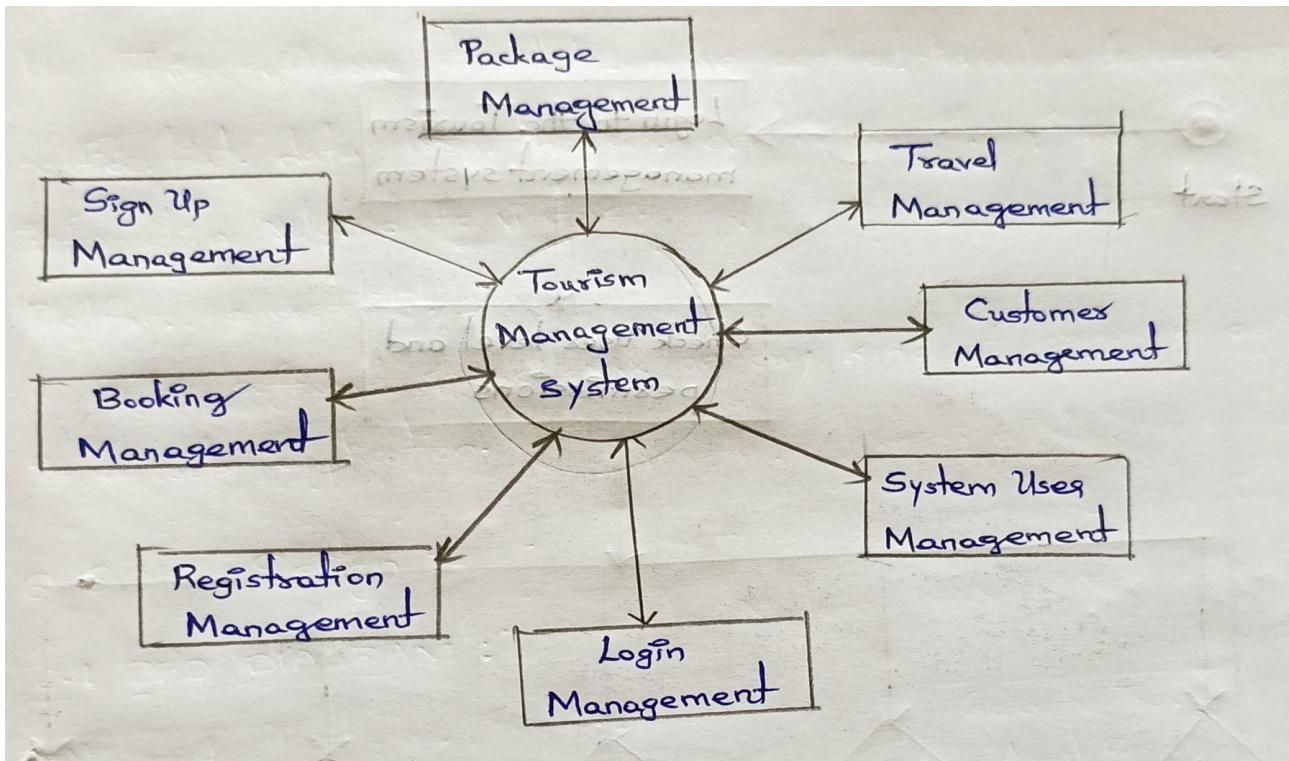


6.2 ER DIAGRAM :

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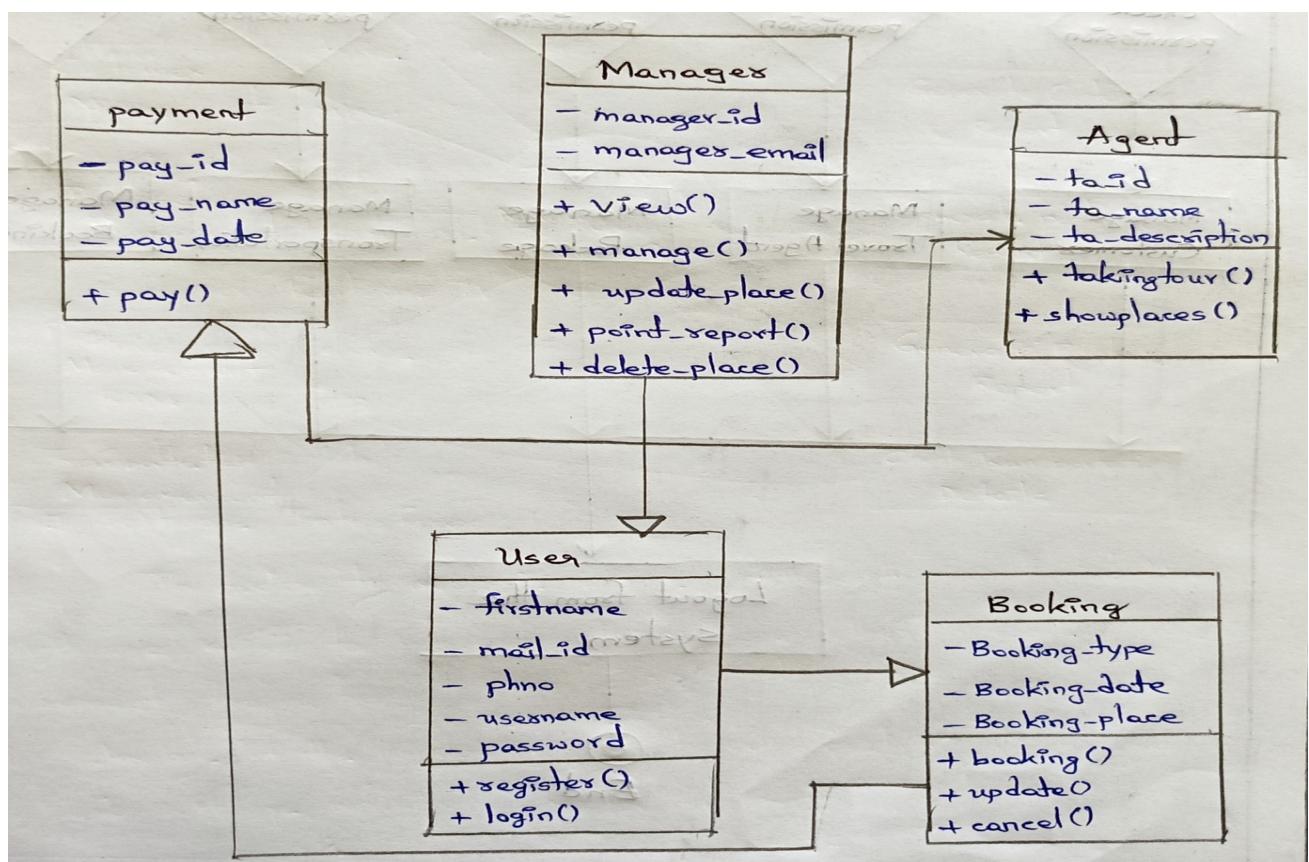


6.3 CONTEXT DIAGRAM:

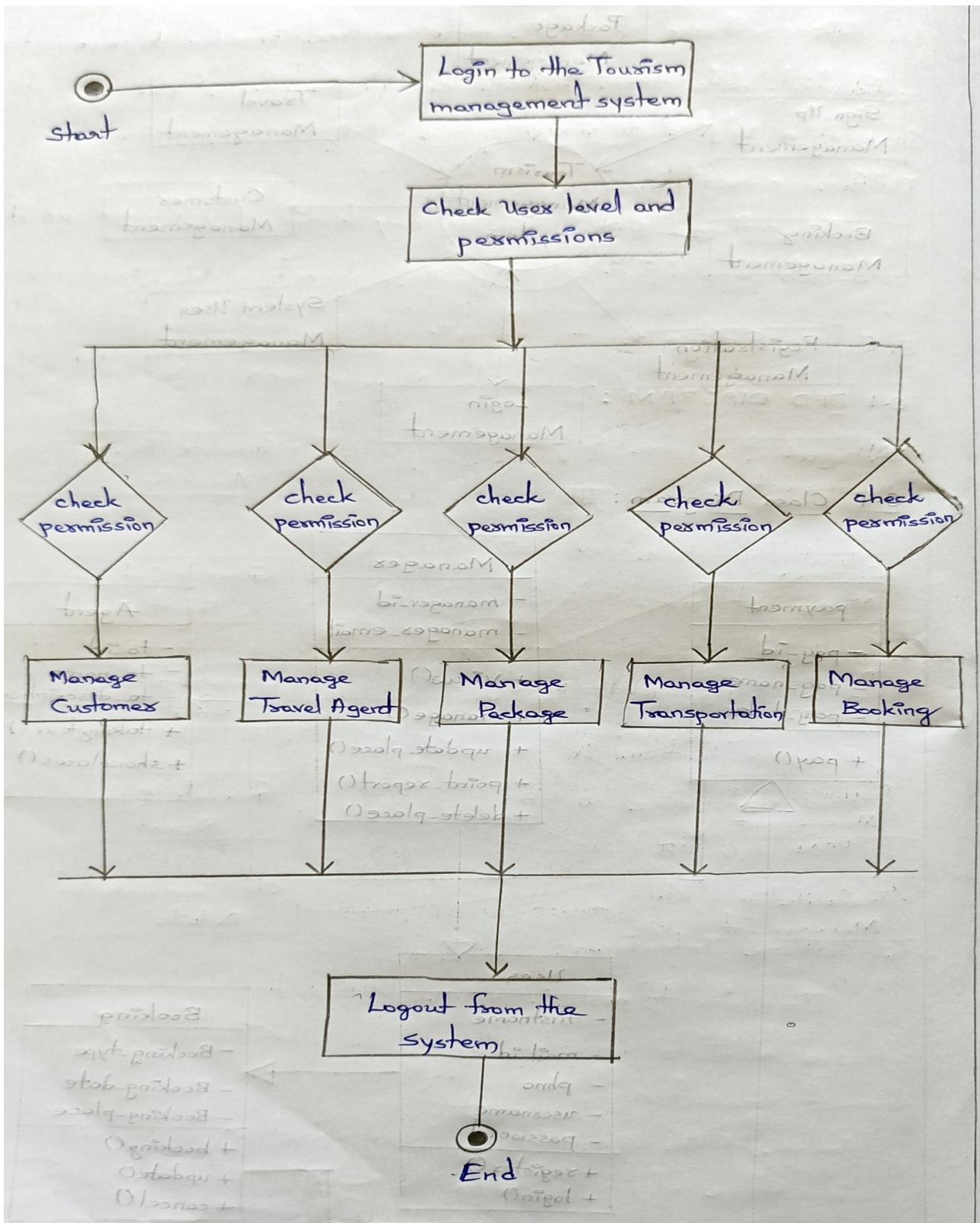


UML DIAGRAMS:

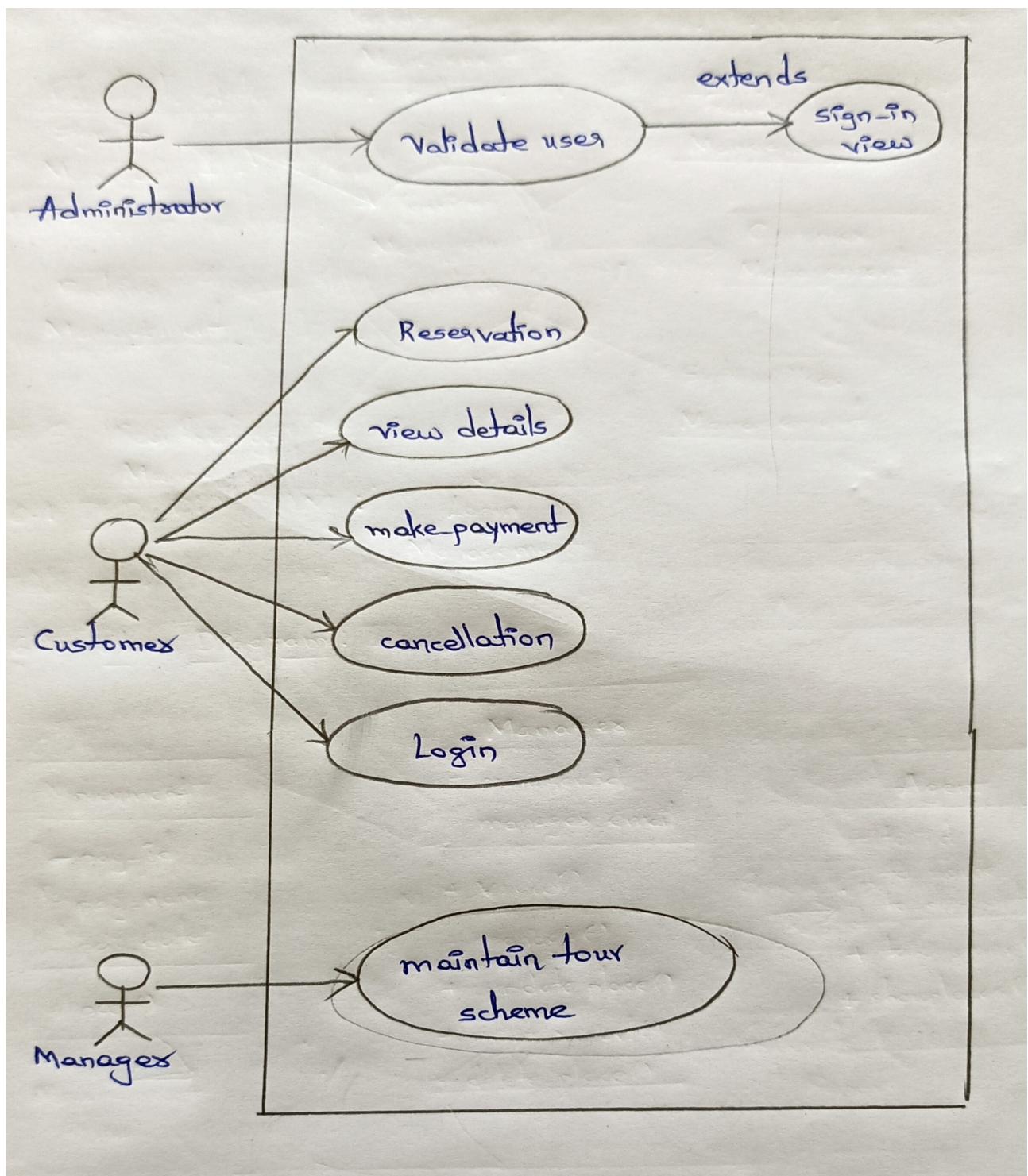
6.4 CLASS DIAGRAM :



6.5 ACTIVITY DIAGRAM :



6.6 USECASE DIAGRAM :



6.7 SEQUENCE DIAGRAM :

