Wish My Trip

Group Id: 25
Prasil Parmar (3044)
Raj Thakor(3081)
Keval shah (3228)

Submitted to:

K. S. School of Business Management
M. Sc. – Computer Applications and Information Technology

ORGANIZATION PROFILE

- ❑ **Company Name:** IndiAir Services
- ❑ **Established:** In 2015
- ❑ **Postal Address:** C-112, Ganesh Meridian Opp Kargil Petrol Pump S.G. Highway, Ahmedabad, 380060
- ❑ **Email:** Intl@indiairservices.com
- ❑ **Website:** www.Indiairservices.com
- ❑ **Contact:** 9913555255/9913455255

Company History

Indi Air Services, founded by Mr.Sanket Dave in 2015, has been active in the incoming Tourism segment, enjoying every year dynamic growth in terms of arriving passengers and revenue.

Capitalizing the growth deriving from the new destinations, as well as the growth of many new source markets, the company`s boost has positioned it to one of the most extended and geographically diversified incoming networks and Destination Management Companies, serving more than 250,000 passengers in a year.

Mission

Efficiency, Flexibility and Quality Service with a Personal Touch, State of the Art Technology, combined with strong purchasing advantages and Value for Money.

We're committed to offer competitive value for money products and high level services in order to achieve total client satisfaction. We want to meet and exceed all business clients goals and objectives, strive for excellence in quality, integrity, and value in all that we do. We want our partners and ourselves to grow profitably in our respective countries, through thorough market analysis, continuous product development, aggressive yield management and prudent financial risk monitoring.

Table of Contents

Existing System

- All Work are done manually.

- In Manual Car Booking System Customer has to go to the Travelling office.

- Ask Inquiry for Travelling then Book car Finally Pay Payment & Collect Receipt.

- Difficult to Maintain the Customer Details of   Payment Receipt in Register.

- They Register Car Package in the notebook.

- Add advertisement in Local newspaper or Local Market.

- Use Travelling Facility For the Limited Area or Person.

- You cannot get all the traveller Details at one Place.

Proposed System

- To Create Web Based Application for our Organization.

- To Provide Search Facility for Customer.

- To Generate Different Types of Reports.

- To provide the online Car Booking and Online   Payment Facility for Customer.

- To Provide Car Details.

- Customer does not need go to anywhere for Booking of Car.

- Customer can get all the details of travellers at one Place.

- Customer Can Cancel the Booking Before 24 Hours at 0 Cost.

- Customer can give feedback.

- Customer can hire Car for more than 1 day.

Scope of System

- Easily booking of car.

- Online payment is possible.

- User can get reminder of his booking.

- User can search cars.

- User can search travel agencies.

- User can be able to see his past booking.

- User can manage his own profile.

Objectives of System

- User can get the rate of cars of different travel agencies at one platform.

- Opportunities for business of travellers increase.

- User can select the car on the basis of his budget.

- User can get the suggestion to travel.

- User can also be able to get knowledge of hotels at his destination.

Stakeholder of System

- **The following stakeholders for our system are:**

    1. Admin

    2. Users

    3. Transport Providers

Admin

- He is the whole and sole authority of the system who has all the rights regarding to the system.

- He can update the schedule, delete the user, delete the traveller.

- He can create the offers for customer.

Users

- A user is a customer who makes bond with the system and take benefit of the services provided by the system.

- A user is a customer who can book car online.

- A user does payment.

- A user does cancellation of booking.

- A user can give feedback for the system.

Transport providers

- He can provide all the details regarding the vehicles.

- He can update the cars information.

- He can create the deal for customers.

Project Definition

      Our Project is to book car online where one can rent a car of their choice. So, our Websites creates a Digitalize platform for the users who can book a car online from anywhere and at any time.

Feasibility Study - I

1. **Technical feasibility**

    - **The technical feasibility study compares the level of technology available in the software development firm and the level of technology required for the development of the product. Here the level of technology consists of the programming language, the hardware resources, other software tools etc.**

        - The facility to produce outputs in a given time.

        - Response time under certain conditions.

        - Facility to communicate data to distant locations.

        - It just requires window operating system and normal browser to use our system.

        - The organization has already purchased required gadgets.

        Hence, the proposed system is technically feasible.

Feasibility Study - II

2. **Operational feasibility:-**

- **Operational feasibility study tests the operational scope of the software to be developed. It is checked that if the system is actually can be useful when implemented.**
  Our system is operationally feasible in the following ways:

  i. Since the employees are well educated and knows the importance of computer in day to day life, they have shown the positive response to our system.

  ii. The system does not have specific hardware/software requirements. Any user will be able to use this website on its **comprehensive** desktop.

Feasibility Study - III

3. **Economical feasibility**

- **The economic feasibility study evaluates the cost of the software development against the ultimate income or benefits gets from the developed system. There must be scopes for profit after the successful Completion of the project.**

The system is economical feasible because:

- Our system is not much costly to develop.

- There is no extra economical cost because system is develop with an open source technology.

- It is easy to use and understand therefor there is no need to appoint any operator to use the system.

- Organization is ready to invest in proposed system because it is being developed in latest technology and will be very fast for the users to transfer or share the information using the system.

Hardware and Software Requirement

Hardware Requirements	
Processor	Intel P4 and higher and/or equivalent processor system.
Hard disk	40 GB or above.
RAM	512 MB and above.

Software Requirements	
Platform	• PHP,ANGULAR
Frontend	• Sublime or • Visual studio code
Back end	• My SQL
Tools	• JQuery
Web Service	• JSON

Gantt Chart

Activities	July	Aug	Sep	Oct	Nov
Project Scope	■				
Research	■	■			
Requirement Gathering		■			
Analysis			■		
Designing			■	■	■
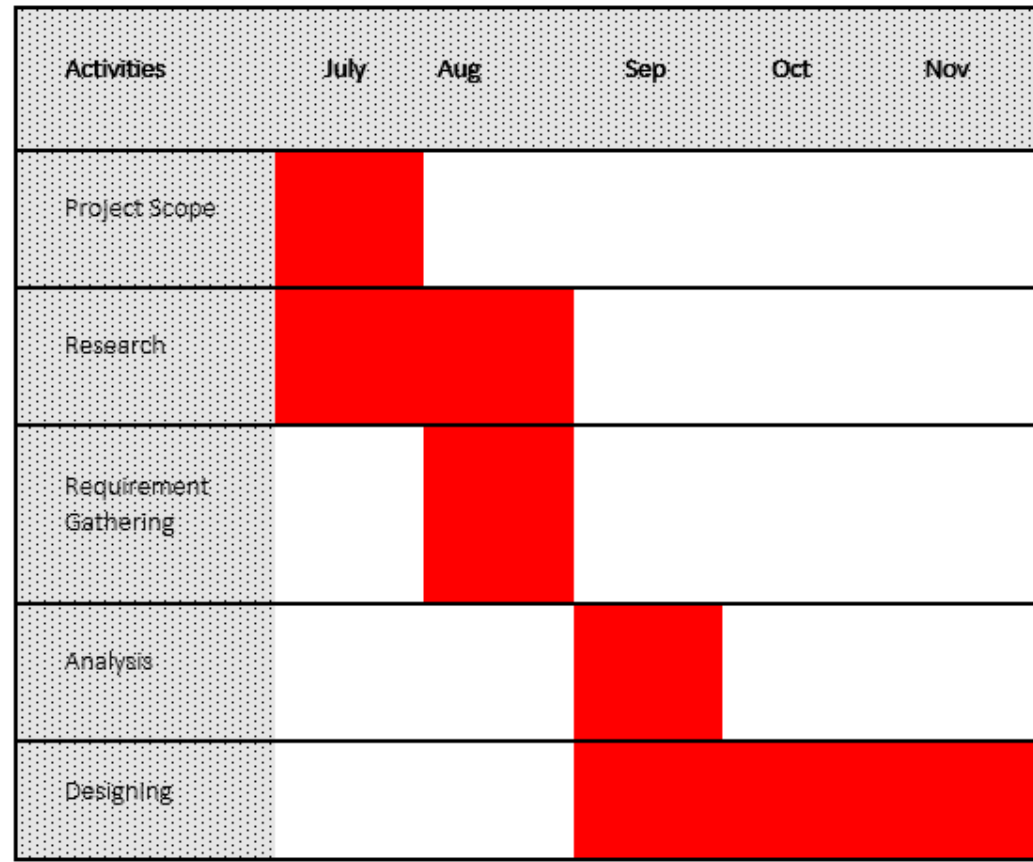
Work Breakdown Structure
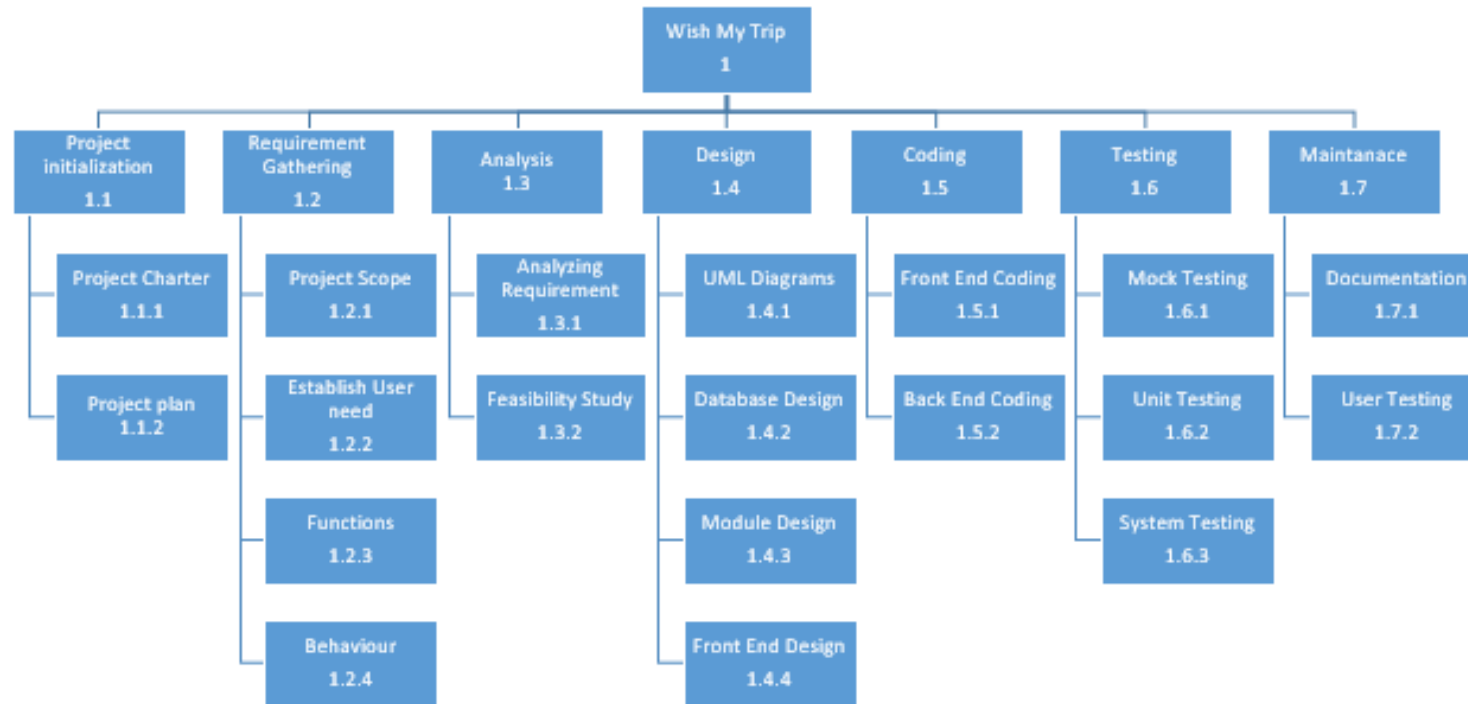
UML Diagram

List of Figures

Use Case

WISH MY TRIP

Sign Up

Login

Manage Cars — <<Include>> → Add Cars

Manage Cars — <<extend>> → Remove Cars

Manage Drivers — <<include>> → Add Drivers

Manage Drivers — <<extend>> → Remove Drivers

Manage Rates

Manage Features

Log Out
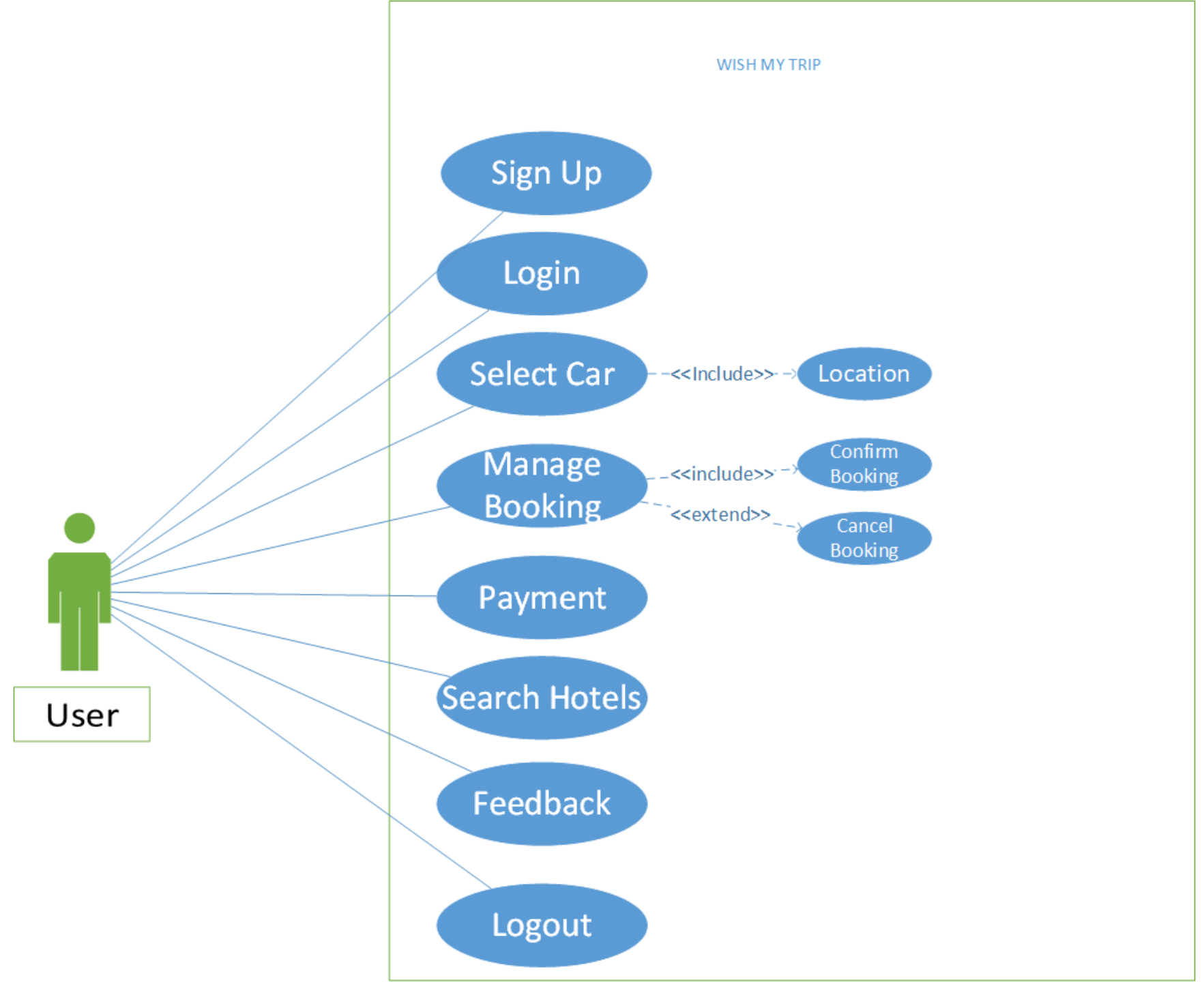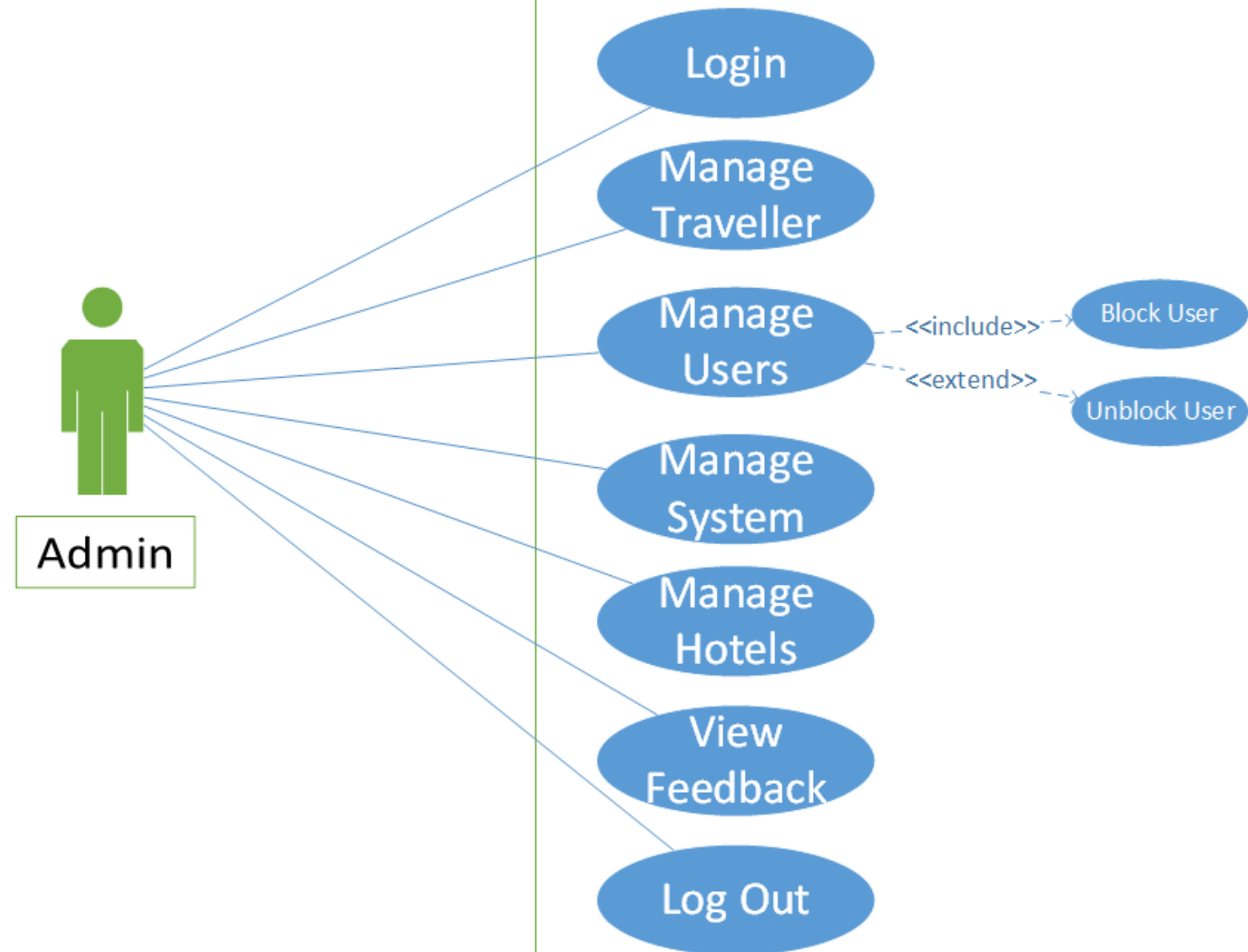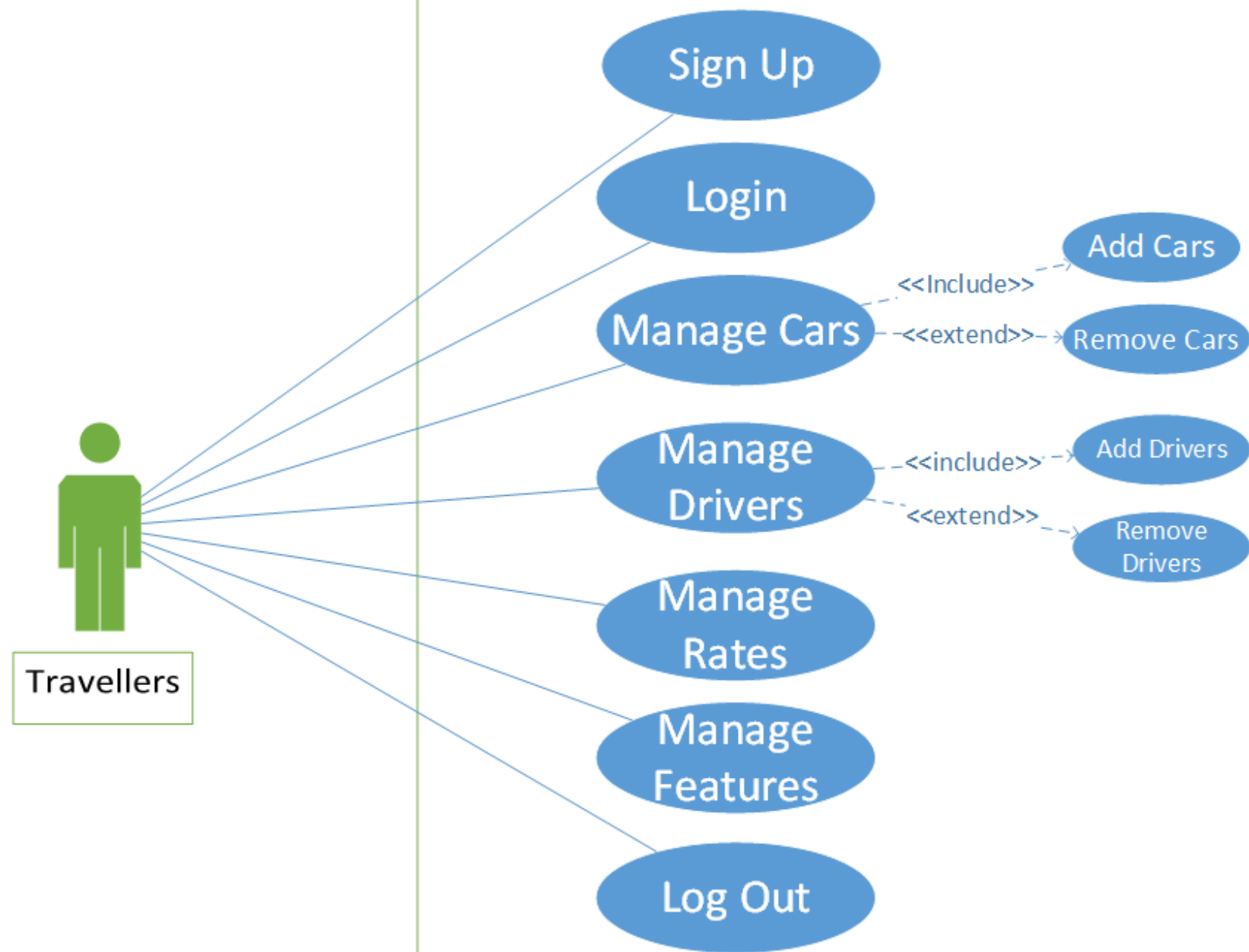
Travellers

Class Diagram
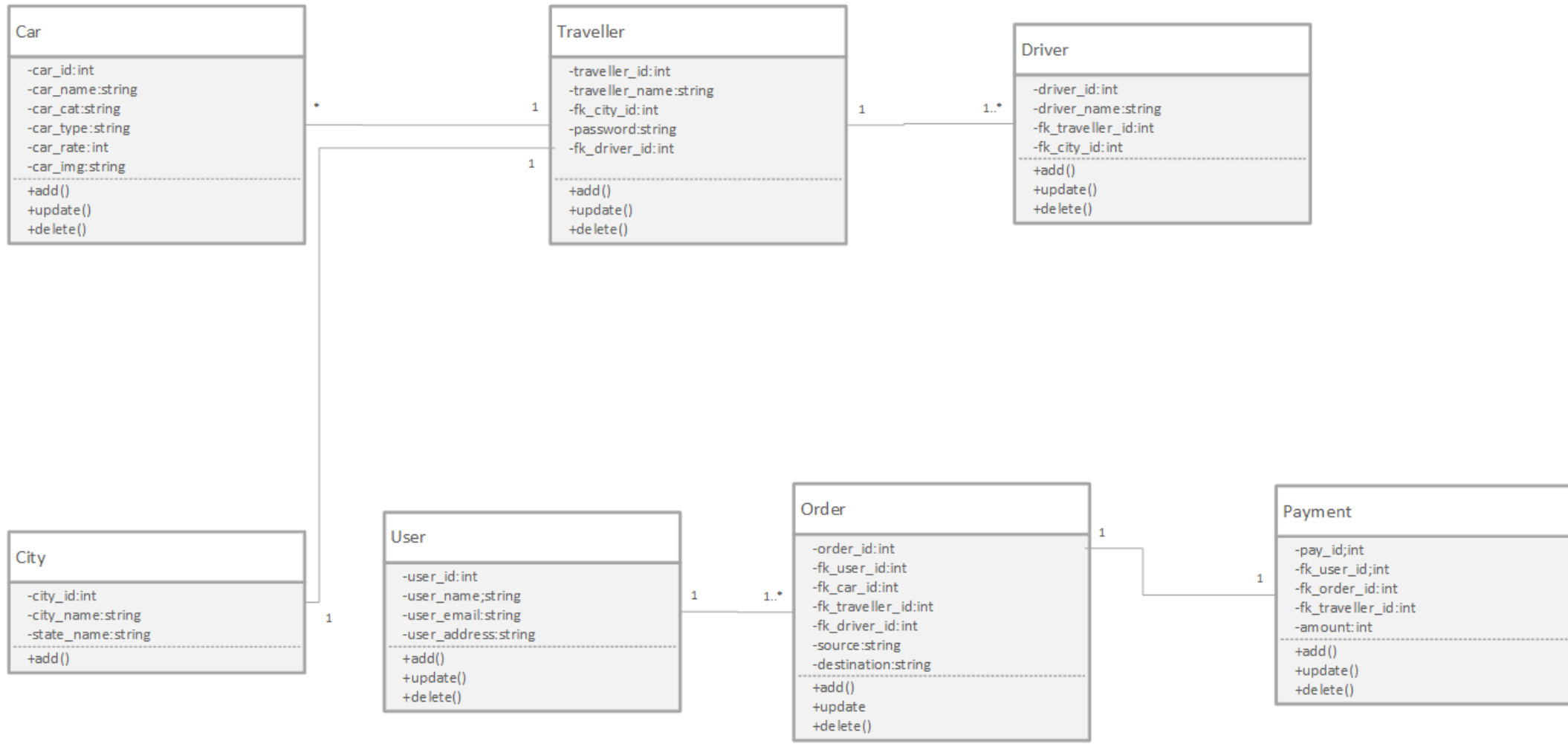
Activity(User)
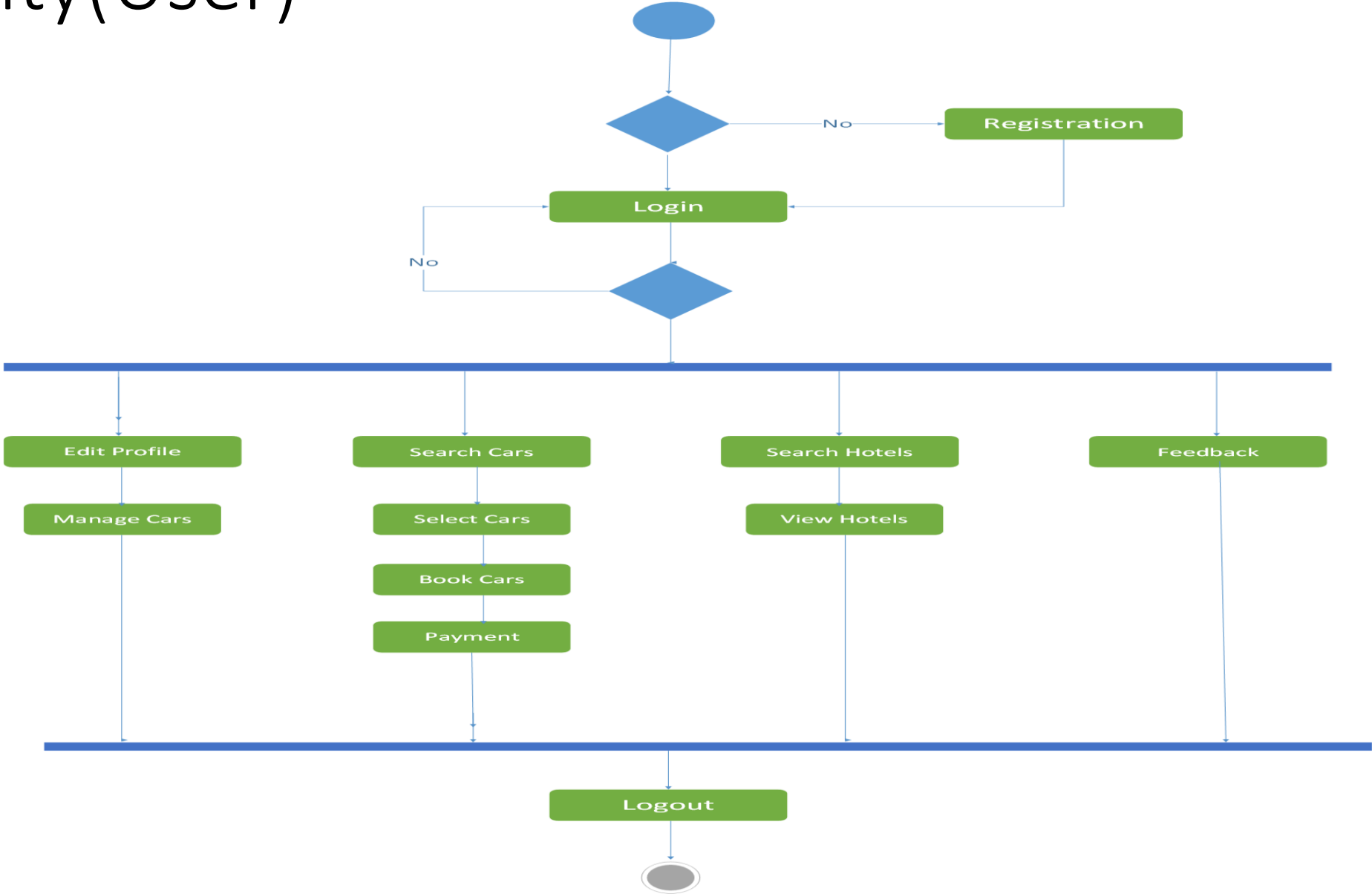
Activity(Admin)
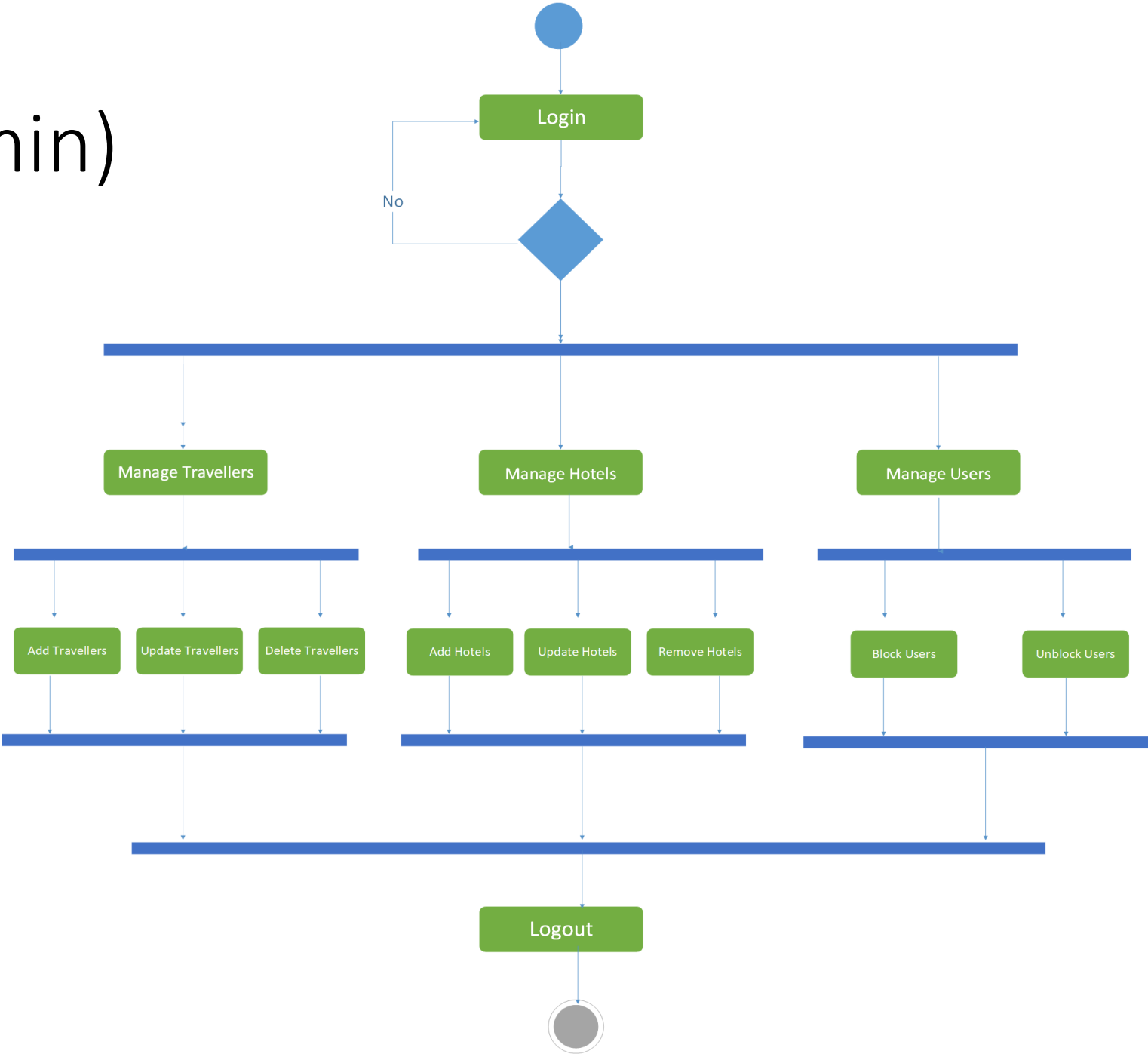
Activity(Travellers)
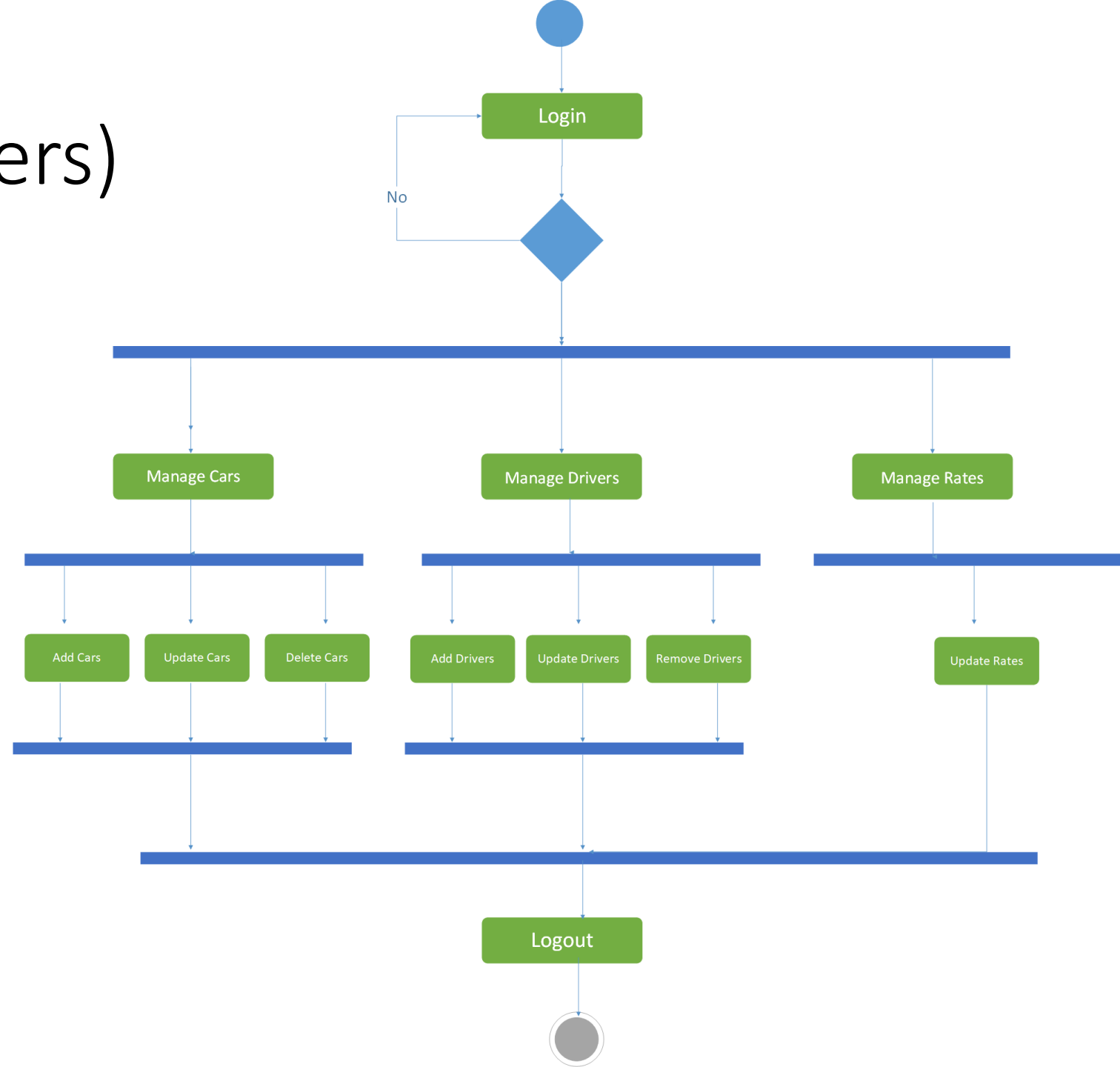
Sequence Diagram-I

System Flow

```mermaid
graph TD
    B((B))
    B --> SelectCar[Select Car]
    SelectCar --> ManageBooking[Manage Booking]
    ManageBooking --> Payment[Payment]
    Payment --> SearchHotels[Search Hotels]
    SearchHotels --> Feedback[Feedback]
    Feedback --> Logout[Logout]
```
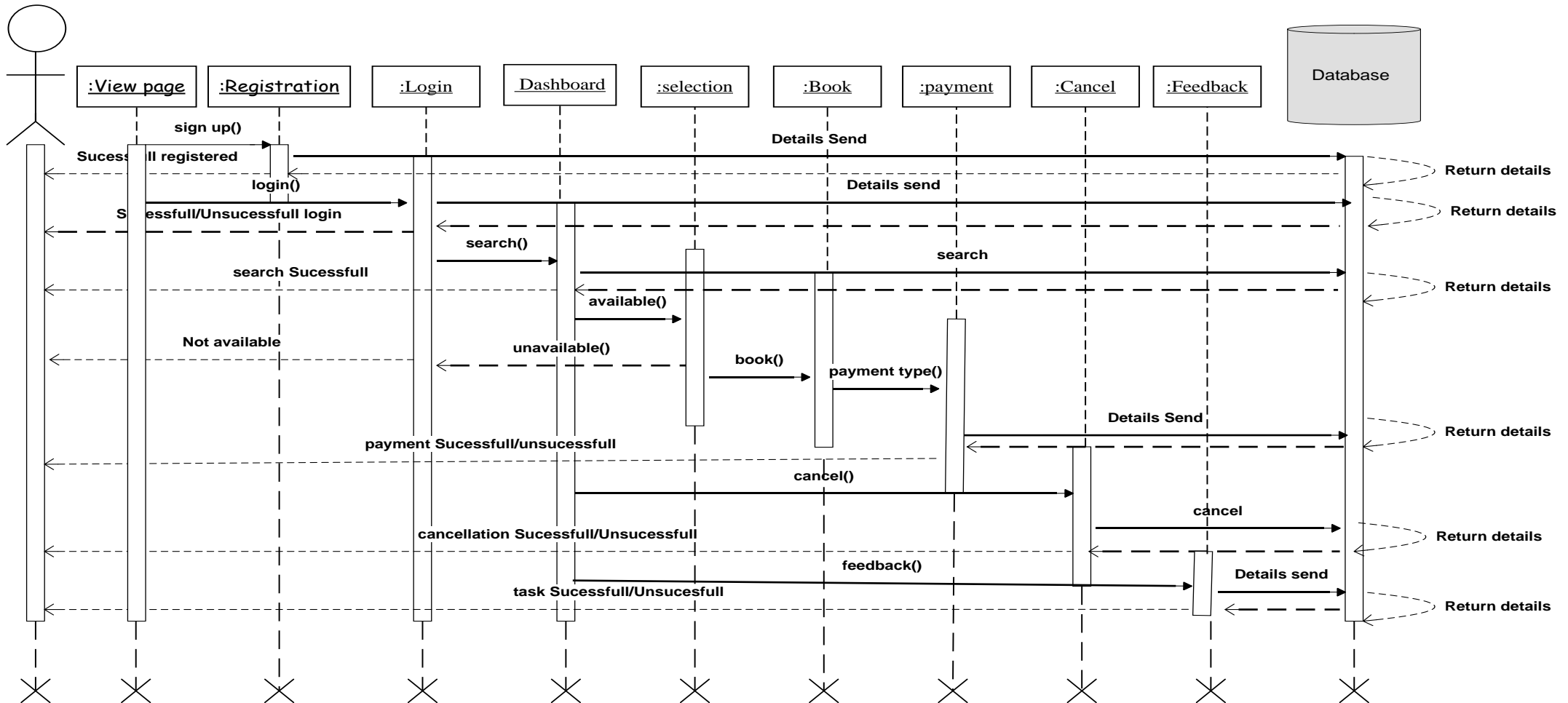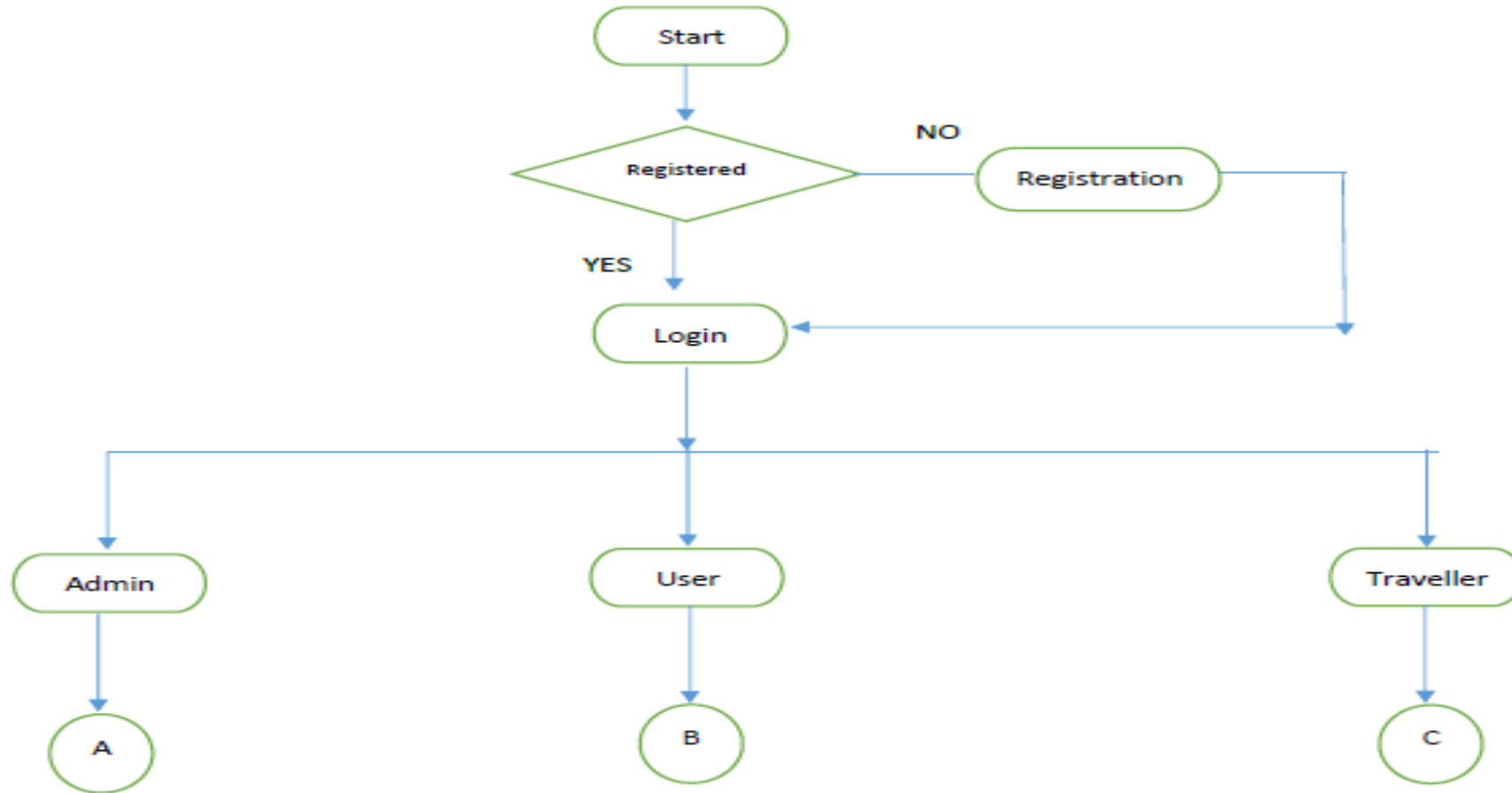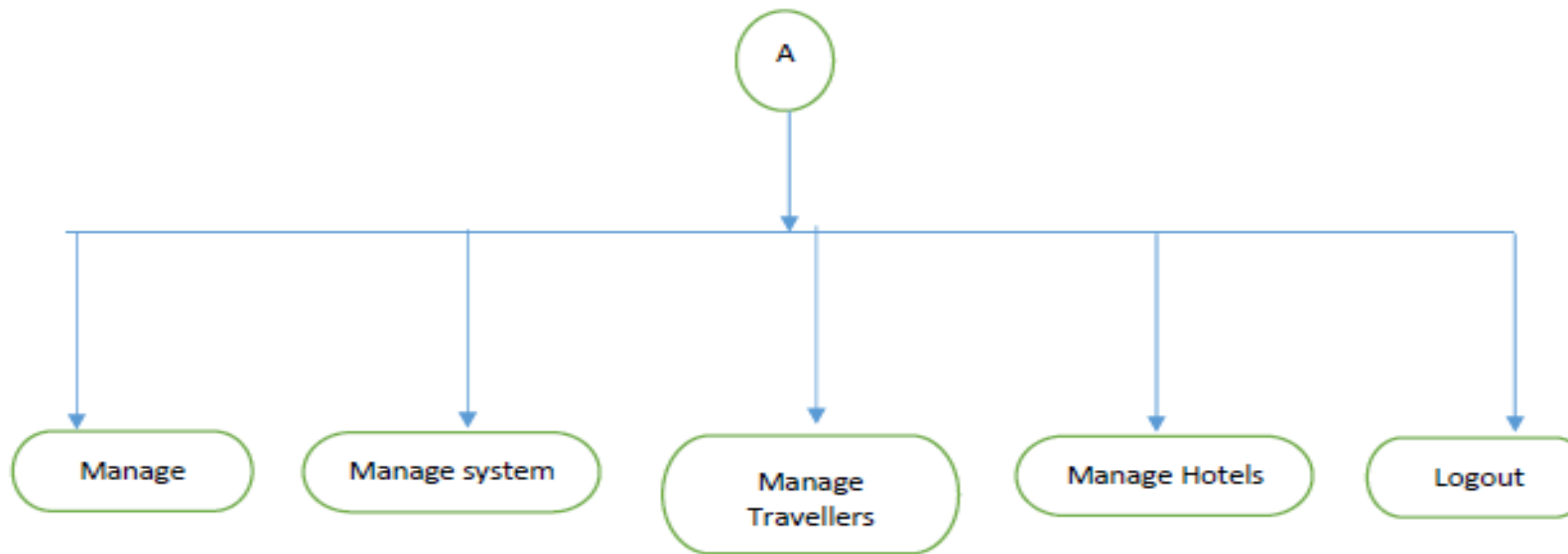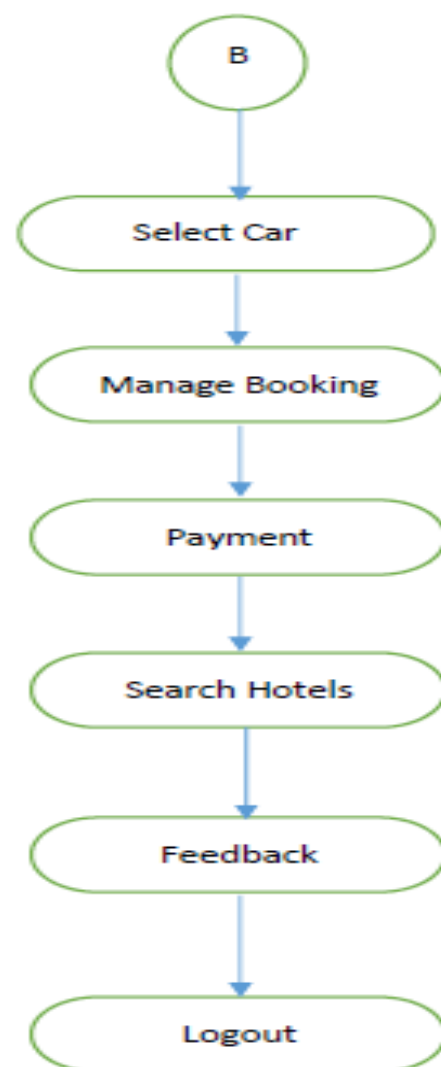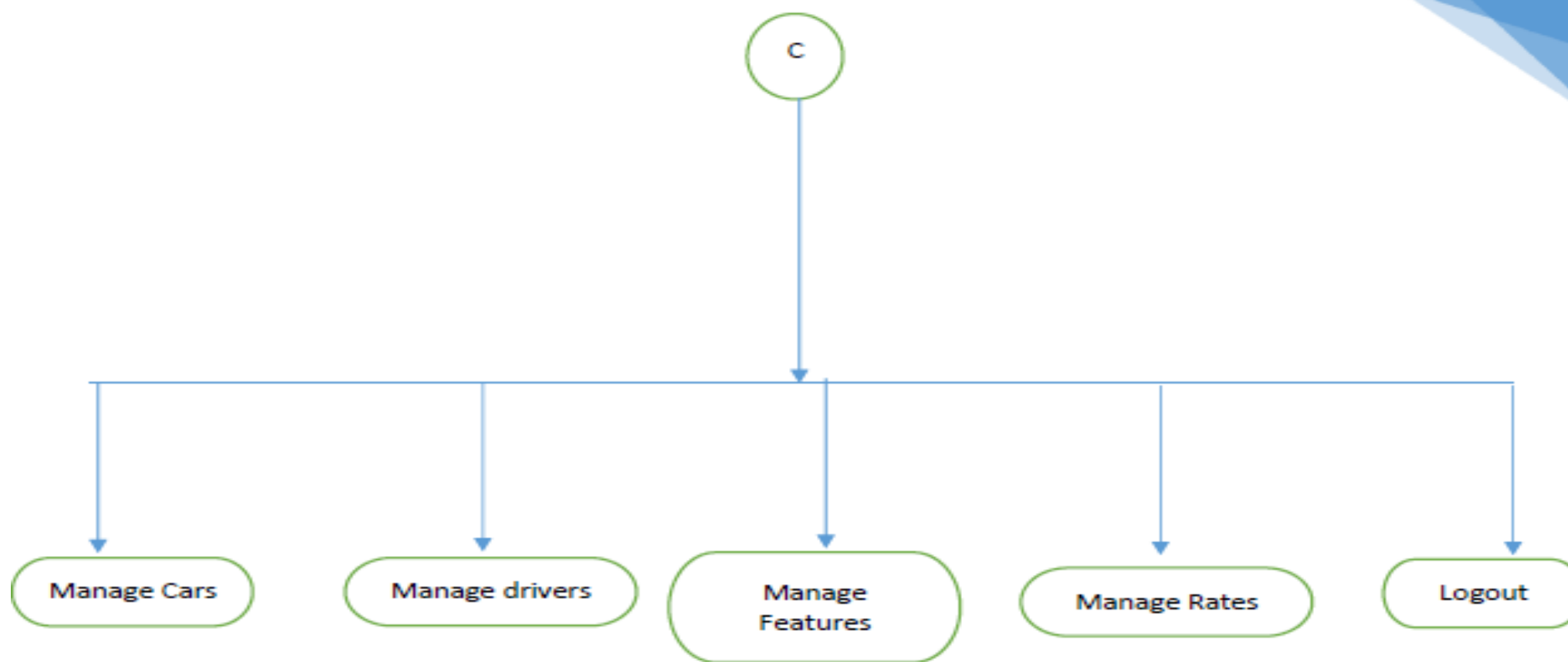
Data Dictionary

List of Tables

- User
- Car
- Traveller
- Driver
- Order
- Payment
- Hotel
- Feedback
- City
- State
- Country

Car

Field Name	Data Type	Size	Constraint	Description
car_id	Integer		Primary Key	Id of Car
car_name	varchar	20	Not Null	Name of Car
car_colour	varchar	7	Not Null	Colour of car
car_type	Boolean		Not Null	
car_img	varchar	200	Not Null	Image of car
Car_rate	Double		Not Null	Price of Car
car_details	varchar	100	Not Null	Details of car
Car_category	Varchar	10	Not Null	Sedan or Suv
fk_traveller_id	Integer		Foreign Key	Id of traveller

User

Field Name	Data Type	Size	Constraint	Description
user_email_id	varchar	40	Primary Key	User's email id
user_name	varchar	20	Not Null	Displays User's name
user_photo	varchar	200	Not Null	Display User's photo
user_password	varchar	15	Not Null	Password for login
user_address	varchar	50	Not Null	Address of user
User_dob	Date		-	Birthdate of User
User_gender	Boolean		Not Null	0 or 1
User_mobileno	Varchar	13	Not Null	User's Mobile no

Traveller

Field Name	Data Type	Size	Constraint	Description
traveller_id	Integer		Primary Key	Id of traveller
traveller_name	varchar	20	Not Null	Name of traveller
traveller_password	varchar	15	Not Null	Password of traveller
fk_car_id	Integer		Foreign Key	Id of the car
traveller_email	varchar	40	Not Null	Email Id of Traveller
traveller_add	varchar	50	Not null	Address of traveller
Fk_driver_id	Integer		Not Null	Id of Driver
Fk_city_id	Integer		Not Null	Id of city

Driver

Field Name	Data Type	Size	Constarint	Description
Driver_id	Integer		Primary Key	Id of driver
Driver_name	Varchar	30	Not Null	Name of driver
Driver_license_no	Varchar	25	Not Null	License no of driver
Fk_traveller_id	Integer		Not Null	Id of traveller

Payment

Field Name	Data Type	Size	Constraint	Description
pay_id	Integer		Primary key	Id of payment
card_no	Long Integer		Not Null	No of the card
Amount	Double		Not Nulll	Amount of Trip
card_name	varchar	15	Not Null	Name of the Card
card_type	varchar	15	Not Null	Credit or Debit Card
fk_user_id	varchar	40	Foreign Key	Id of the user
Date	Date		Not Null	Date of payment
Status	Boolean		Not Null	Paid or Pending
Fk_order_id	Integer		Not Null	Order Id
Fk_traveller_id	Integer		Not Null	Id of traveller

Order

Field Name	Data Type	Size	Constraint	Description
order_id	Integer		Primary Key	No of Order
fk_user_id	varchar	40	Foreign Key	Id of user
Source	varchar	50	Not null	Pick Up Location
Destination	varchar	50	Not Null	Destination Location
Booking-date	Date		Not Null	Date of trip
Checkin_date	Date		Not Null	Date of check in
checkout_date	Date		Not Null	Last date of trip
fk_car_id	Integer		Foreign Key	Car id
Fk_driver_id	Integer		Not Null	Id of driver
fk_traveller_id	Integer		Foreign Key	Traveller Id
booking_Status	Boolean		Not Null	

Hotel

Field Name	Data Type	Size	Constraint	Description
hotel_id	Integer		Primary Key	Id of hotel
hotel_name	varchar	20	Not Null	Name of Hotel
hotel_address	varchar	50	Not Null	Address of hotel
hotel_img	varchar	200	Not Null	Image of hotel
hotel_feedback	varchar	100	-	Feedback of hotel
hotel ratings	Integer		-	Ratings of hotel
Fk_city_id	Integer		Foreign Key	Id of the city

Feedback

Field Name	Data Type	Size	Constraint	Description
feedback_id	Integer		Primary Key	Id of blog
feedback _title	varchar	10	Not Null	Title of Blog
feedback_desc	varchar	500	-	Description of blog
feedback_date	Date			Date of blog
feedback _img	varchar	200	-	Image of blog
fk_user_id	varchar	40	Not Null	User Id

Country

Field Name	Data Type	Size	Constraint	Description
Country_name	Varchar	10	Not Null	Name of Country
Country_id	Integer		Primary Key	Id of City

State

Field Name	Data Type	Size	Constraint	Description
State_name	Varchar	10	Not Null	Name of state
State_id	Integer		Primary Key	Id of State
Fk_country_id	varchar	10	Not Null	Name of country

City

Field Name	Data Type	Size	Constraint	Description
city_id	Integer		Primary Key	Id of City
city_name	varchar	10	Not Null	Name of city
fk_State_id	Varchar	10	Not Null	Name of state

Login Page

Login/Register on Traveler

Welcome to Traveler

Ultricies vestibulum egestas ad cras mollis nam dictumst netus leo facilisis justo maecenas molestie ipsum felis mus cubilia hendrerit vestibulum accumsan consectetur convallis vitae nec sapien diam justo lobortis aenean

Lobortis tristique interdum curae luctus mattis nisl aenean diam suscipit

Login

Username or email

e.g. johndoe@gmail.com

Password

my secret password

Sign in

New To Traveler?

Full Name

e.g. John Doe

Emai

e.g. johndoe@gmail.com

Password

my secret password

Sign up for Traveler

Homepage

Select Cars

Sort: Price (low to high) ⌄

Volkswagen Touareg	x 5 · x 2 · x 2 · auto · diesel	Select
Toyota Prius Plus	x 5 · x 4 · x 3 · manual · gas	Select
INNOVA	x 6 · x 2 · x 2 · manual	Fullsize Select

ml#

Select Traveller
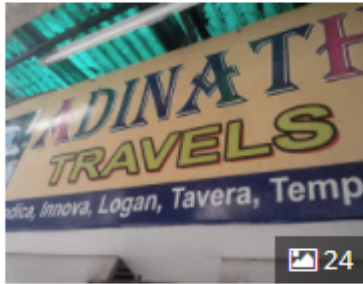
★★★★☆ **3.8** of 5 (778 reviews)

ADINATH TRAVELS

📍 COMMERCE SIX ROAD AHMEDABAD-300081

Rs 20 /KM

Book Now

★★★⯪☆ **3.5** of 5 (476 reviews)

PATEL TRAVELS

📍 PALDI BHAGWAN NAGAR,AHMEDABAD 380091

RS 19 /KM

Book Now

★★★★☆ **3.8** of 5 (1149 reviews)

AJITHNATH TRAVELS

📍 SATADHRA CROSS ROAD ,AHMEDABAD-380061

RS 25 /KM

Book Now

Car details

Maserati GranTurismo

price **$70**/day

✉ E-mail Car Agent   📞 810 1 941-684-2144

☐ Child Toddler Seat	$35
☐ Ski Rack	$40
☐ Infant Child Seat	$35
☐ GPS Satellite	$100
☐ Show Chains	$120

Price Per Day	$70
Rental Price	$490
7 days (april 13 - april 20)	
Equipment	$0
Rental Tolal	**$490**

Checkout

Arrive at your destination in style with this air-conditioned automatic. With room for 4 passengers and 2 pieces of luggage, it's ideal for small groups looking to get from A to B in comfort. Price can change at any moment so book now to avoid disappointment!

Car Features

- 🧍 Up to 4 Passengers
- 🚗 3 Doors
- 💼 2 Pieces of Laggage
- ⚙ Automatic Transmission
- ⛽ Gas Vehicle

Default Equipment

- 🌡 Climate Control
- 🔊 Stereo CD/MP3
- 🚪 Power Windows
- 📻 FM Radio
- 🔒 Power Door Locks

Pickup Features

- ✈ Terminal Pickup
- 💁 Meet and Greet

Location:

New York: JFK International Airport
Federal Circle Bldf. 312, Jamaica, NY (NY),
United States, 11430

Pick Up:

📍 JFK International Airport
📅 Sunday, April 13 2014
🕐 12:00 AM

Drop Off:

📍 JFK International Airport
📅 Sunday, April 20 2014
🕐 12:00 AM

Change Location & Date

Payment

Important: You will be redirected to PayPal's website to securely complete your payment.

Checkout via Paypal

Pay via Credit/Debit Card

Card Number

xxxx xxxx xxxx xxxx

CVC

xxxx

Cardholder Name

Valid Thru

mm/yy

☑ Add to My Cards

Proceed Payment

Maserati GranTurismo

Rent for 7 days

April, 26 → May, 3
Saturday   Saturday

Car (2 Passengers)

Equipment	$295
7 days	$70 /per day
Taxes	$5 /per day

Total trip: $842

Successful

John, your payment was successful!

Booking details has been send to johndoe@gmail.com

System Navigation

```
                          ┌─────────────┐
                          │  Home page  │
                          └─────────────┘
                                 │
   ┌──────┬──────┬──────────┬─────────┬──────────┬──────────┬──────────┐
   ▼      ▼      ▼          ▼         ▼          ▼          ▼
┌──────┐ ┌──────┐ ┌──────────────┐ ┌────────┐ ┌──────────┐ ┌──────────┐ ┌──────────────┐
│Signup│ │Login │ │    Enter     │ │ Search │ │User Area │ │ Feedback │ │ Cancellation │
└──────┘ └──────┘ │Pickup Location│ └────────┘ └──────────┘ └──────────┘ └──────────────┘
                  │     And      │
                  │ Destination  │
                  └──────────────┘
```

Enter Pickup Location And Destination	Search	User Area	Feedback	Cancellation
→ Select		→ View profile	→ Feedback form	→ payment dedection
→ Book		→ Edit profile		→ Generate receipt
→ Online payment		→ Change password		
→ Generate receipt				
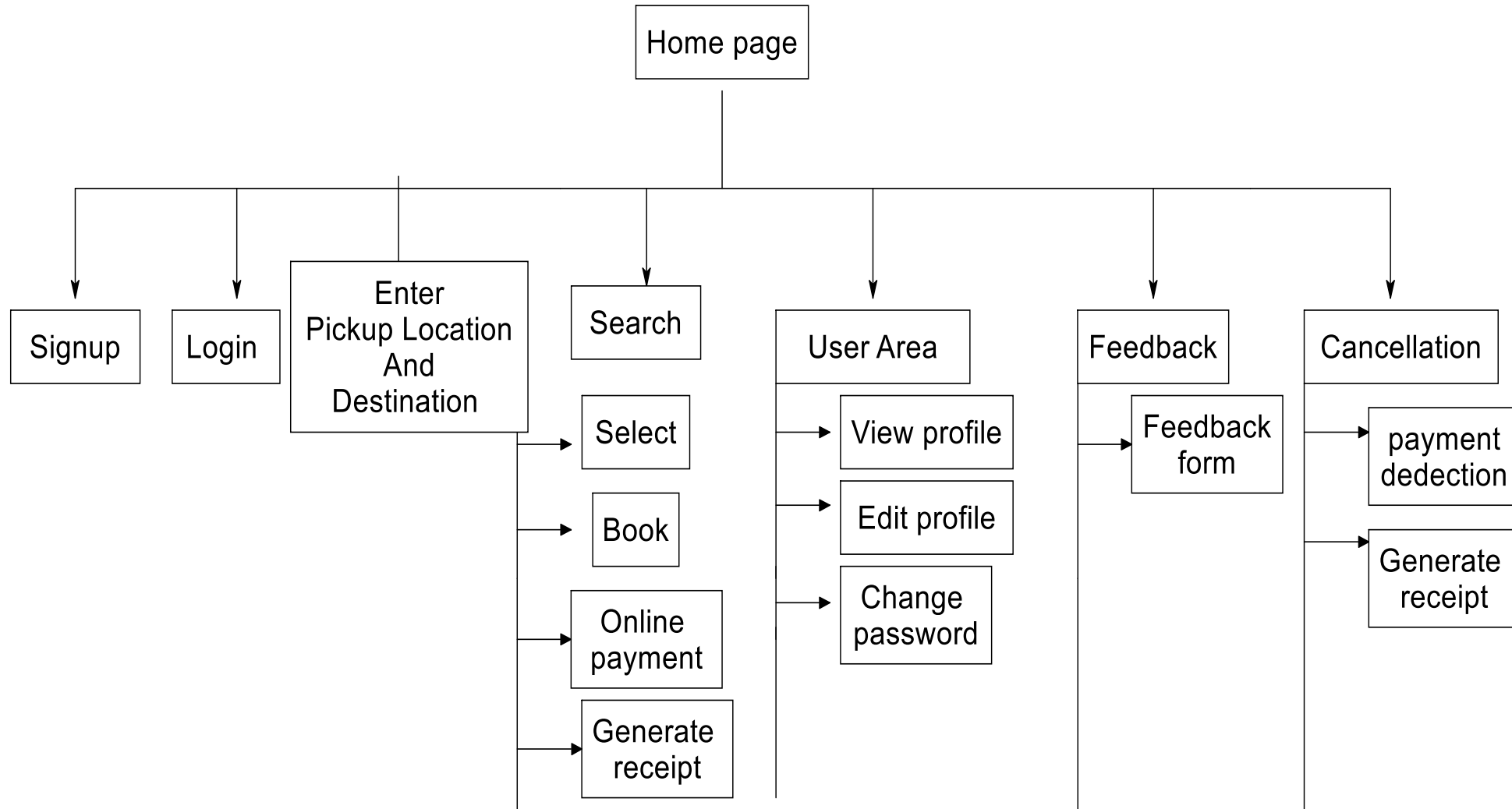
Limitations

- Smart phone and Desktop will be required to use this system.

- Without Internet facilities, the customer can't use the system.

- If the customer doesn't have the basic knowledge about computer, then it will be difficult for them   to use this system.

- They can't book the hotel.

Future Scope

- More different types of offers such as Discount coupons will be provided to the customers based on booking records.

- Paytm facility will be added for online payments.

We can add the facility of hotel Booking

Bibliography

- http://www.rfflow.com/

- https://moqups.com/

- http://www.redbus.in/

- http://www.microsoft visio.com/

- http://makemytrip.com/

Thank You!