



Sri Lanka Institute of Information Technology

Information Technology Project (IT2080)

Batch ID - Y2.S2.WD.IT.04

Group ID - ITP24_B4_10

Tourism Management System

Submitted by:

	Name with Initials	Registration Number	Contact Number	Email
1.	Gunawardana T. G. H. M	IT22124326	0765946340	it22124326@my.sliit.lk
2.	Weerakoon W. M. D. P	IT22131560	0772595062	it22131560@my.sliit.lk
3.	Wijesingha K. B	IT22206800	0777163869	it22206800@my.sliit.lk
4.	Pathiraja H. P. M. O. N	IT22230492	0766050012	it22230492@my.sliit.lk
5.	Silva L. J. U	IT22229816	0740198825	it22229816@my.sliit.lk
6.	Wijesinghe K. A. A. N	IT22349156	0741607870	it22349156@my.sliit.lk
7.	Kumari P. K. D. L. H	IT22246950	0763050951	it22246950@my.sliit.lk
8.	De Silva L. S	IT22211132	0776869880	it22211132@my.sliit.lk

Introduction

JournyX is a web-based tourism management application. Users can make their own tour with the web application. Users can buy created packages or customized packages, check destination to make their tour, and provide feedback to the tour and grade their guide based on the level of service they receive. Package manager doing all the tasks in the package management section. In addition, If the customer wants to rent a vehicle to travel, there is a feature in the web application. The vehicle rental manager manages all the tasks in this section.

To buy a tour and rent a vehicle, the user must enter their personal details and payment details. The payment manager manages these sections. After that the employee manager assigned a tour guide to tour and manage dates, destinations, etc. Employee managers create performance charts for guides and they should update the chart day by day. There is a feature where users can book hotels as they want. Booking manager manages all tasks in the booking management system. If the user wants support to manage their tour, they can easily contact a customer support agent through the system. At the end of the tour, users can give feedback about the tour, the tour guide, and others.

For our web application, we utilize some technologies, including weather forecast system, Google, and Global transactions.

GUIs

The screenshot displays a travel website for Sri Lanka. At the top, the logo "journeyX" is visible, followed by a navigation menu with links to Home, Packages, Attractions, Rent Vehicle, and Contact. The main banner features a scenic landscape of tea plantations and a rising sun, with a white elephant silhouette and the text "SRI LANKA" prominently displayed. Below the banner is a search bar with the placeholder "Search your next destination". A large call-to-action box titled "WHY CHOOSE US?" contains three sections: "Competitive Prices" (represented by a dollar sign icon), "Secure Booking" (represented by a lock icon), and "Seamless Experience" (represented by a circular arrow icon). Each section includes placeholder text about the printing and typesetting industry.

WHY CHOOSE US?

Competitive Prices
Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Secure Booking
Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Seamless Experience
Lorem Ipsum is simply dummy text of the printing and typesetting industry.

EXPLORE SRI LANKA

Kandy **Mirissa** **Sigiriya**

Tour to Kandy
A tour to explore the main attractions of kandy city
[More](#)

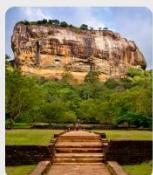
Tour to Sigiriya
Sigiriya Rock Fortress iconic places in Sri Lanka
[More](#)

Tour to Ella
A tour to explore the main attractions of Ella
[More](#)

JourneyX

About Us Privacy Policy FeedBack Service

No.A/1,Kandy Road, Malabe.
+94 1455 2546



Sigiriya ★ 4.89

Sigiriya or Lion Rock, is a UNESCO site with ancient ruins, stunning frescoes, and breathtaking views.

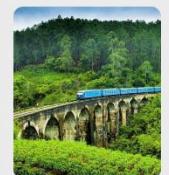
Mar. 13



Galle Fort ★ 4.65

Galle Fort, nestled along Sri Lanka's southern coast, is a UNESCO-listed treasure boasting colonial charm, historic ramparts, and scenic vistas.

Mar. 13



Ella - Nine Arch ★ 4.65

Ella's Nine Arch Bridge, cradled in Sri Lanka's lush hills, is an architectural marvel offering scenic beauty and cultural significance.

Mar. 13



Gregory Lake ★ 4.79

Gregory Lake, nestled in the heart of Sri Lanka's hill country, is a serene reservoir offering scenic beauty and recreational activities.

Mar. 13



Ambalangoda ★ 3.95

Ambalangoda's Traditional Mask Craft, rooted in Sri Lanka's cultural heritage, showcases intricate artistry and profound historical significance.

Mar. 13



Yala Park ★ 4.65

Yala National Park, is a sanctuary of biodiversity, offering thrilling wildlife encounters and mesmerizing natural landscapes.

Mar. 13



Kandy ★ 4.89

The Temple of the Tooth, nestled in Sri Lanka's cultural heart, Kandy, holds sacred relics and rich spiritual heritage, drawing pilgrims worldwide.

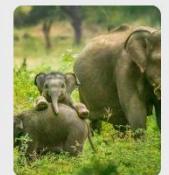
Mar. 13



Mirissa Beach ★ 4.90

Mirissa Beach, cradled along Sri Lanka's southern coast, is a tropical paradise renowned for its golden sands, and vibrant beach culture.

Mar. 13



Udawalawe Park ★ 4.89

Udawalawe National Park, nestled in the heart of Sri Lanka's wilderness, is a haven for wildlife enthusiasts, offering thrilling safaris amidst diverse ecosystems.

Mar. 13

Sigiriya - Lion Rock at Sigiriya, Sri Lanka

★ 4.89 · 55 reviews



Welcome to the enchanting realm of Sigiriya, a jewel nestled in the heart of Sri Lanka's cultural landscape. Sigiriya, also known as the Lion Rock, stands as a testament to the island nation's rich heritage and architectural splendor. As a UNESCO World Heritage Site, it beckons travelers and explorers alike to delve into its storied past and breathtaking vistas.

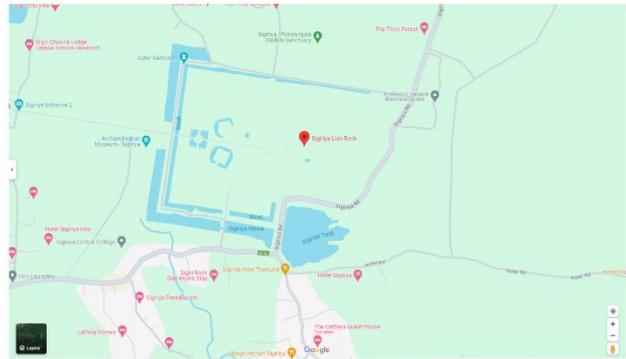
Sigiriya's allure lies not only in its towering presence but also in the tapestry of history woven around it. Dating back over two millennia, this ancient rock fortress and palace complex were crafted by the visionary King Kasyapa during the 5th century. Rising majestically nearly 200 meters above the surrounding plains, Sigiriya boasts a fusion of natural grandeur and human ingenuity, making it a must-visit destination for cultural enthusiasts and history buffs.

Visitors to Sigiriya are greeted by the awe-inspiring sight of the lion-shaped gateway, a formidable entrance that once guarded the royal citadel atop the rock. Ascending the rock, adventurers are rewarded with panoramic views of verdant landscapes and remnants of ancient marvels, including intricate frescoes that adorn the sheltered alcoves and the remnants of advanced water gardens below.

Sigiriya's significance transcends mere architecture; it serves as a living testament to Sri Lanka's illustrious past and enduring cultural legacy. Today, it stands as a beacon for sustainable tourism, offering travelers a glimpse into the island's rich tapestry of history, art, and natural beauty.

Join us on a journey to Sigiriya, where history comes alive, and every step unveils a new chapter in the story of Sri Lanka's cultural heritage. Experience the magic of Sigiriya and create memories that will last a lifetime.

Where you'll be



journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

Rent Vehicle



Feel free to travel around Sri lanka
With journeyX vehicle Rental Service

Enter Details to rent a vehicle

Vehicle type

Select vehicle [Check Vehicle details](#)

With driver Without driver [Check Driver details](#)

Time period To

Pickup Location

Add you' r personal details

Name

Passport number/Id

Address

Phone number

[Rent Vehicle](#)

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

Rent Vehicle

Vehicle Details

Cars



Model:-Toyota Aqua 2015
Fuel eco:- 18Km per litre
Seats:-5
Price per day:-7000/-



Model:-Toyota prius 2015
Fuel eco:- 18Km per litre
Seats:-5
Price per day:-7000/-



Model:-Suzuki wagon r 2014
Fuel eco:- 20Km per litre
Seats:-4
Price per day:-6000/-



Model:-Suzuki Spacia 2014
Fuel eco:- 20Km per litre
Seats:-5
Price per day:-7000/-



Model:-Toyota Hilux 2018
Fuel eco:- 10Km per litre
Seats:-5
Price per day:-10000/-



Model:-Toyota Hiace 2007
Fuel eco:- 10Km per litre
Seats:-10
Price per day:-11000/-



Model:-Suzuki every 2012
Fuel eco:- 20Km per litre
Seats:-7
Price per day:-7000/-



Model:-Nissan nv200
Fuel eco:- 12Km per litre
Seats:-8
Price per day:-9000/-

Tuk Tuk



Model:-Bajaj Three wheeler
Fuel type:- petrol /electric
Economy:- 30Km per litre/180Km per 7 hrs charge
Seats:-4
Price per day:-4000/-

Bikes



Model:-Bajaj ct100 2015
Fuel eco:- 80Km per litre
Seats:-2
Price per day:-3000/-



Model:-Honda dio 2015
Fuel eco:- 40Km per litre
Seats:-2
Price per day:-3000/-



Model:-Yamaha FZ 2015
Fuel eco:- 40Km per litre
Seats:-2
Price per day:-4000/-

Tour Packages



3 Days Package

[More](#)



4 Days Package

[More](#)



5 Days Package

[More](#)



6 Days Package

[More](#)

[Customize Packages](#)

3 Days Package -Down South-



Places: Hikkaduwa, Galle, Thalpe, Mirissa

Meals: Breakfast, Lunch, Dinner, Tea for evening with delicious foods.

Activities: Kayaking, Boat riding, diving

Accommodation: 5 Star hotel

Price :- Rs.200,000/=

[Select](#)

Province :

Package
Name :

Places :

Meals :

Activities :

Accommodation :

Price :

Create

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

Payment Order Form

CHECKOUT- User

***Package Name**

4 days Packages - Rs. 200,000

***First Name** ***Last Name**

***Mobile No** ***Email**

Canada

***Billing Address**

I AGREE TO THE journeyX Tourism Management

BUY PACKAGES

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

journeyX Tourism Management

Secure Payment

Payment Details

Please select your Payment method

Credit or Debit Card

Card number

Expiry month **Expiry year**

MM YY

Cardholder name

Security code

3 Digits on back of your card

UnionPay SecurePay

Oder Details

TOTAL LKR: RS.200,000

Cancel **Pay now**

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

Welcome to the Help Center

We Are Await For You!



Find Solutions for Your Problems Here....

- Payment Problems and Solutions >
- Booking Problems and Solutions >
- Package Problems and Solutions >
- Vehicle Rental Problems and Solutions >
- Destination Problems and Solutions >
- Data and Privacy >
- Plannings >

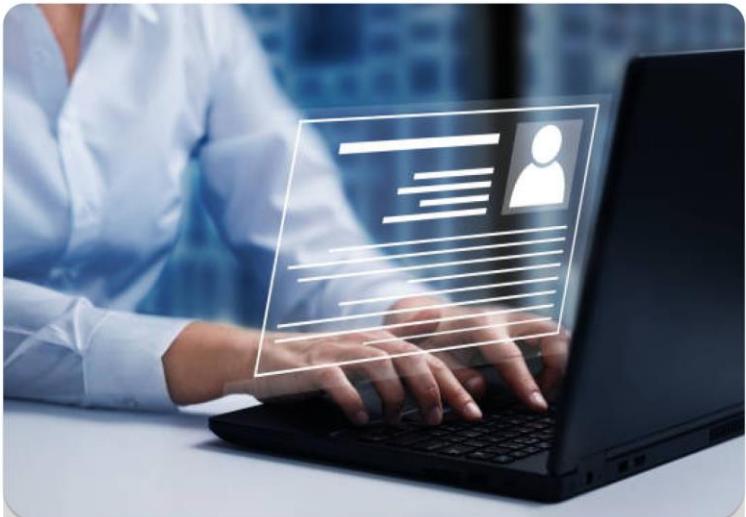
Still need help?

Contact Us Raise a Ticket

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

You Can Raise a Ticket From Here



Customer Name

Passport Number or NIC Number

Email Address

Contact Number

Issue Type

Issue

Submit

Add a Ticket

Customer
Name

Customer ID

Phone number

Issue Type

Issue

Add

Ticket Details

Customer Name

De Silva L.S.

De Silva L.S.

E mail

De Silva12@gmail.com.

De Silva13@gmail.com.

Customer ID

0013

0014

Phone number

Issue Type

Payment Issue

Booking Issue

Issue

I don't have an.....

I don't have recieve.....

EDIT

UPDATE

EDIT

UPDATE

**SELECT THE OPTION YOU WISH
TO PROCEED**

Travel Guide Feedback

Service Feedback

GIVE YOUR FEEDBACK

Full Name

E-mail

Select your travel guide

Rate Your travel guide



Commnt here.....

Submit

Cancel

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

GIVE YOUR FEEDBACK

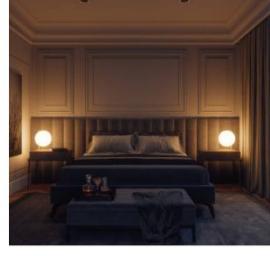
Rate Our Services ★ ★ ★ ★ ★

[Submit](#)
[Cancel](#)

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

WELCOME TO HOTEL





[view All](#)

WHY TO CHOOSE US?








[viewAll](#)

Event





[Select](#)

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

HOTEL BOOKING

First Name

Last Name

Address 1

Address 2

city

State Zip code

Phone

Email Address

Check-in date mm/dd/yyyy

Check-in time

Check-out date mm/dd/yyyy

Check-out time

Room Preference

Deluxe

Non-Ac

Number of person

SUBMIT

journeyX

Home Packages Attractions Rent Vehicle Contact Log Out

HOTEL BOOKING

Total price hotel booking

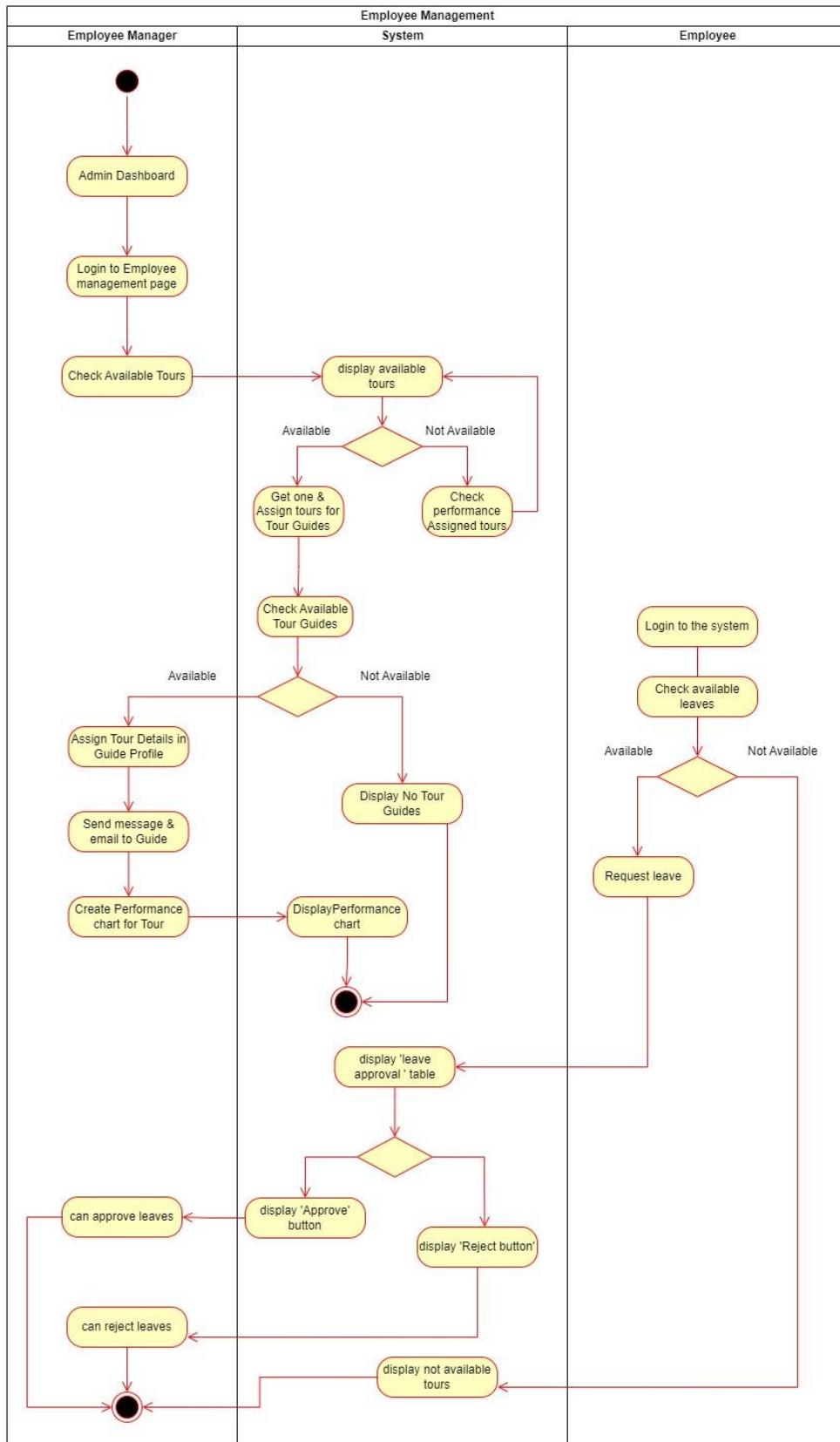
TOTAL LKR: RS.200,000

Cancel Pay now

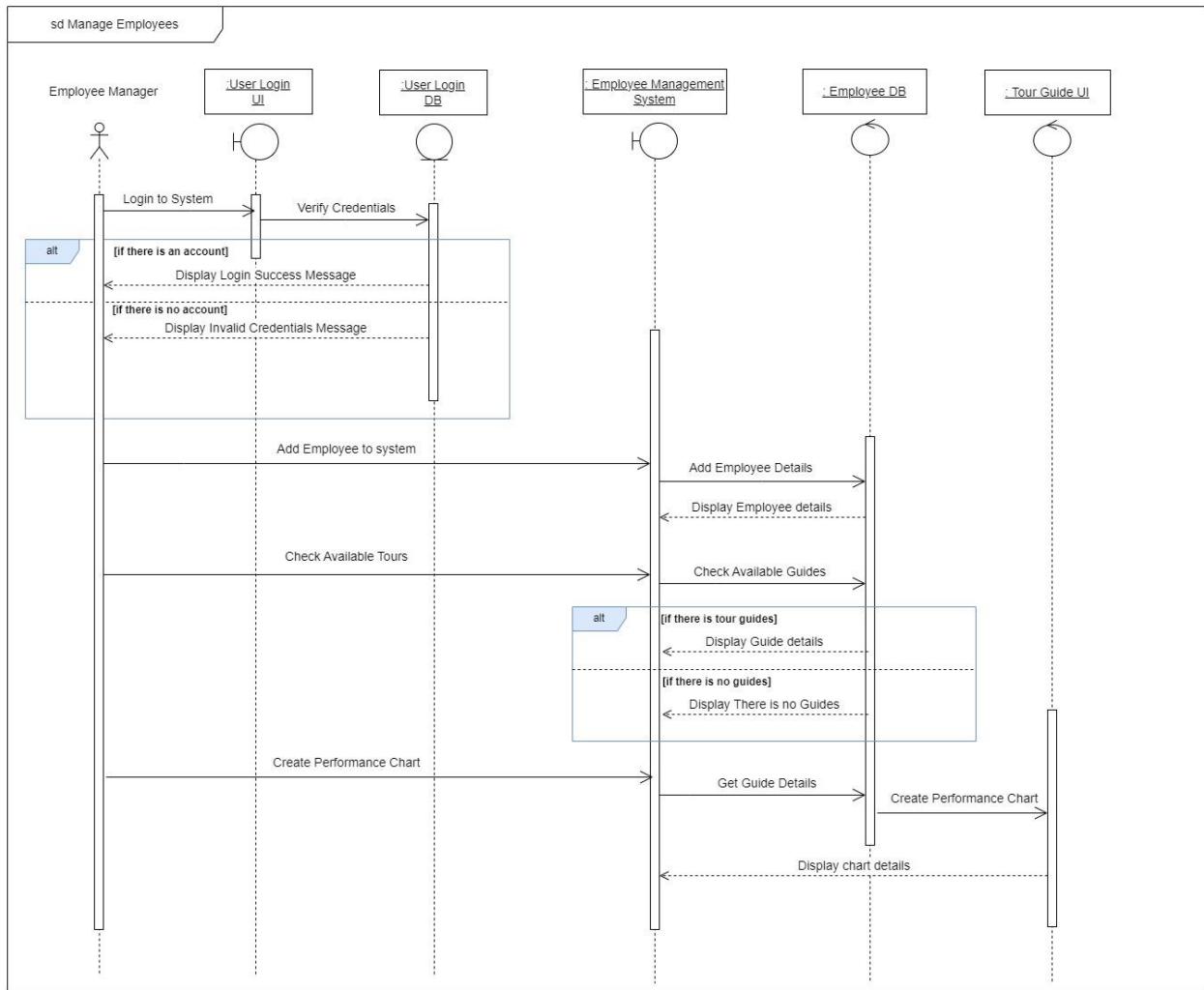
IT22124326 Gunawardana T. G. H. M

Epic - Employee Management System

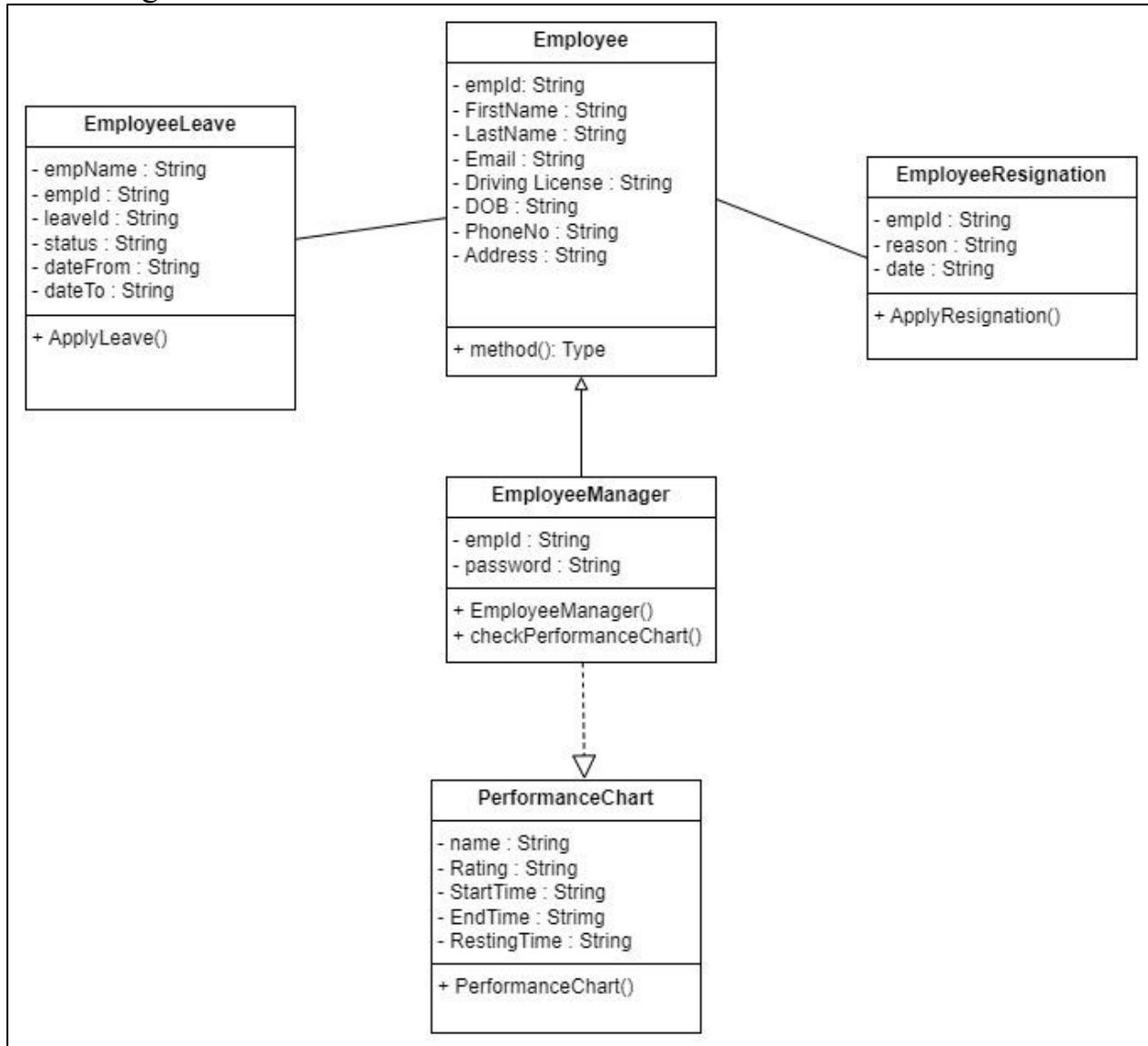
Activity Diagram



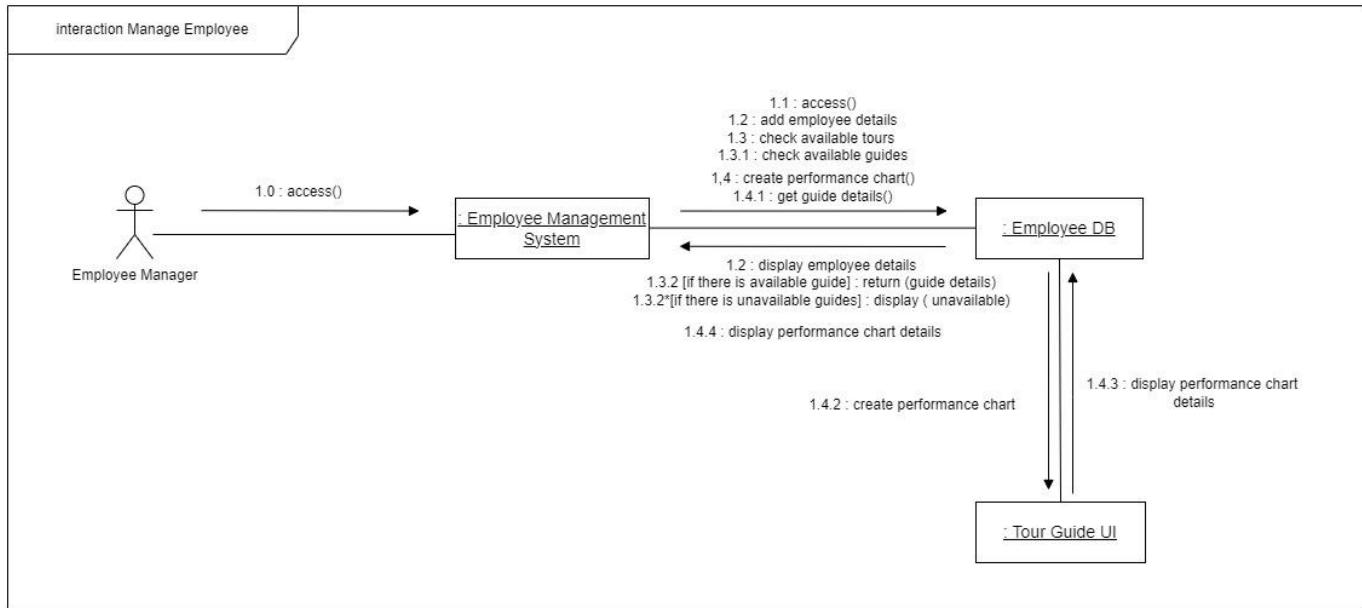
Sequence Diagram



Class Diagram



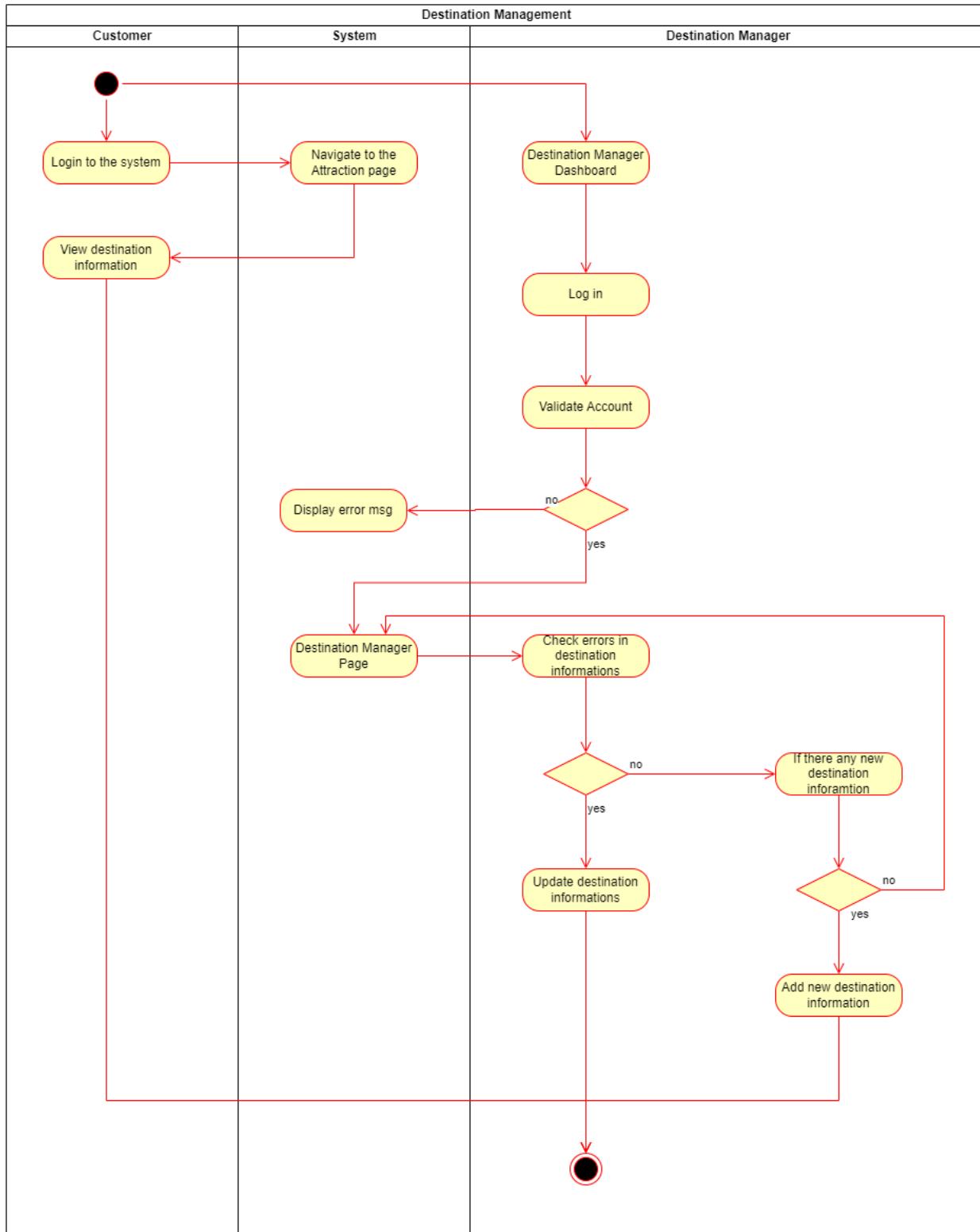
Communication Diagram



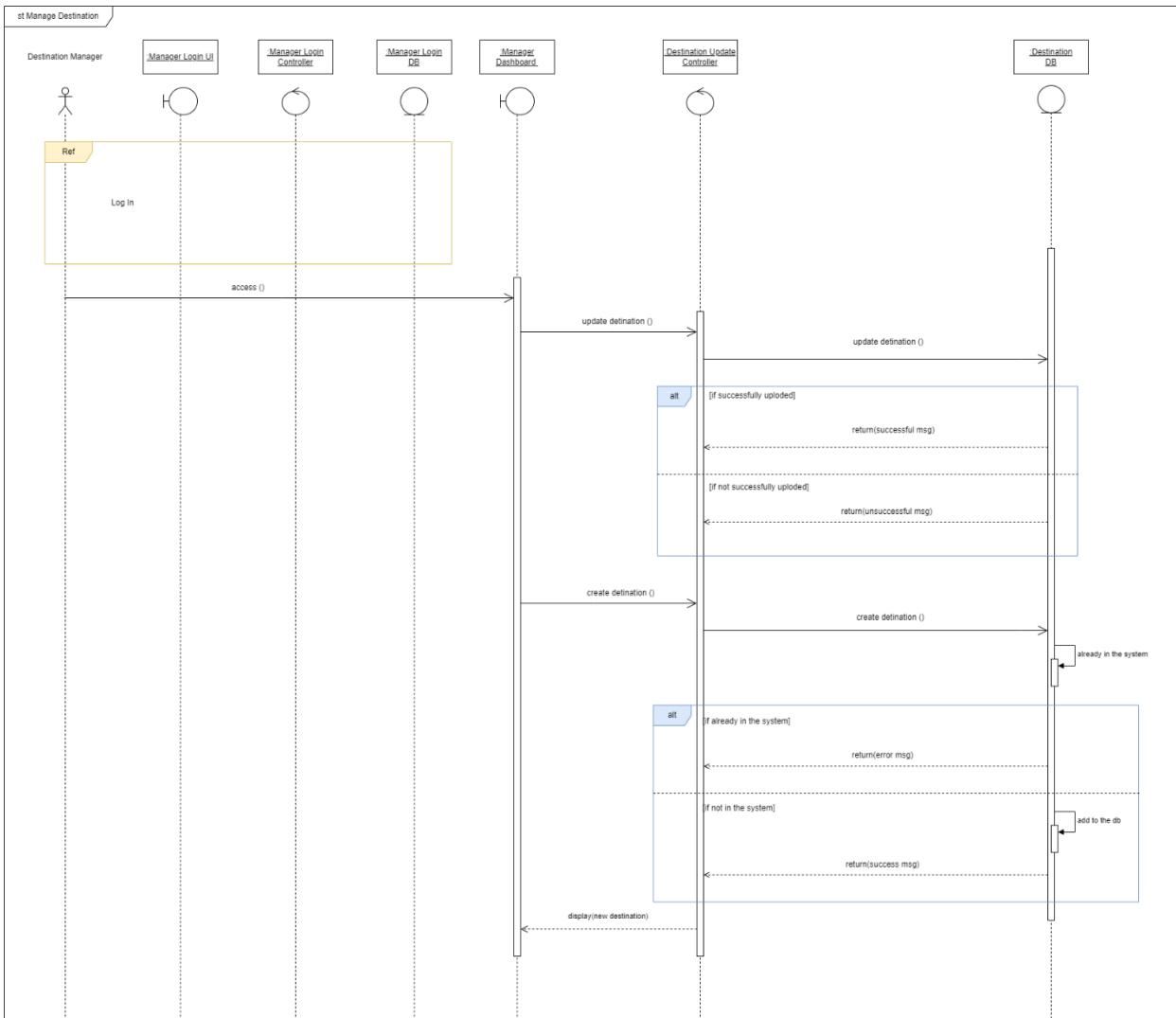
IT22206800 Wijesingha K.B

Epic - Destination Management

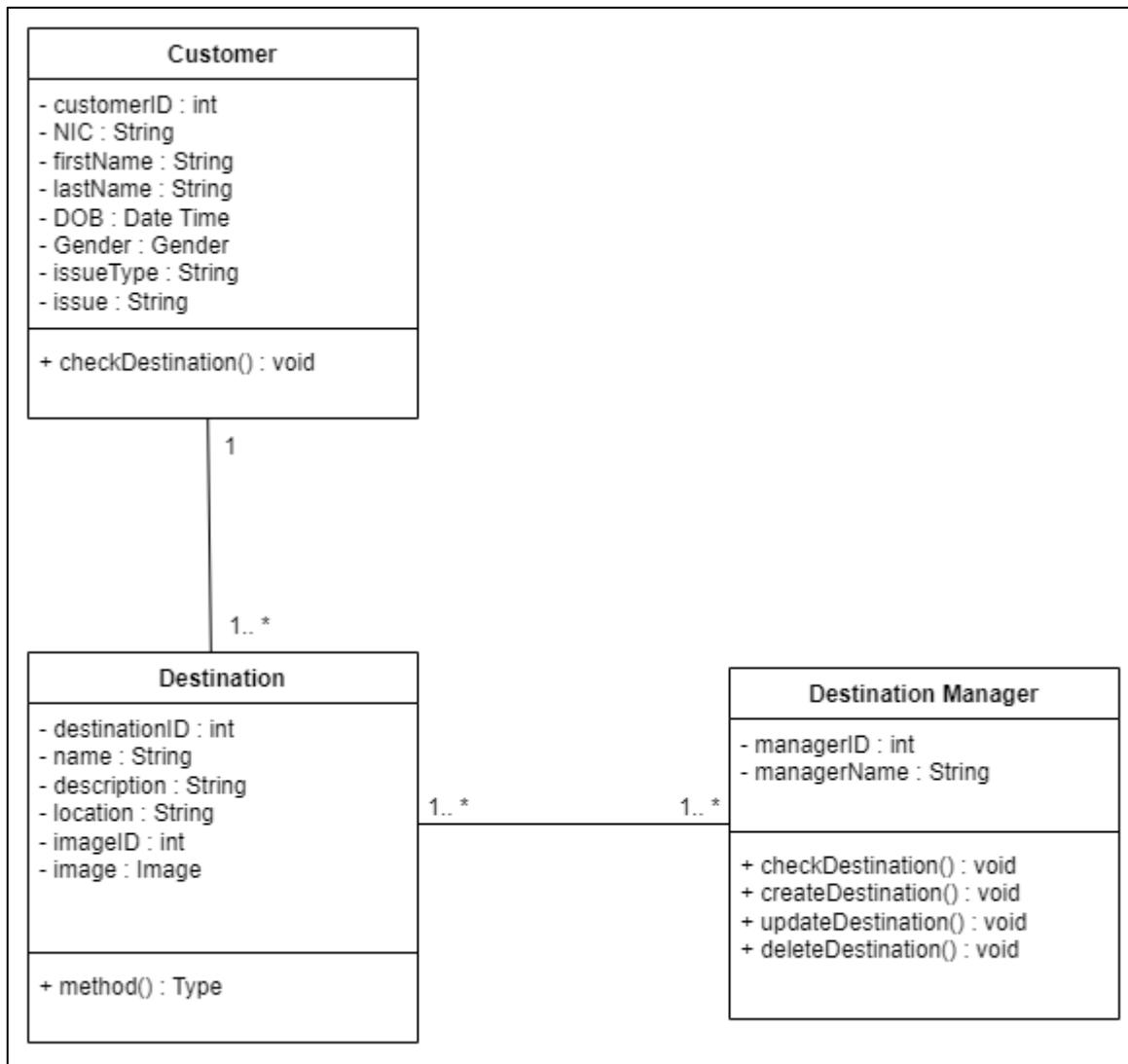
Activity Diagram



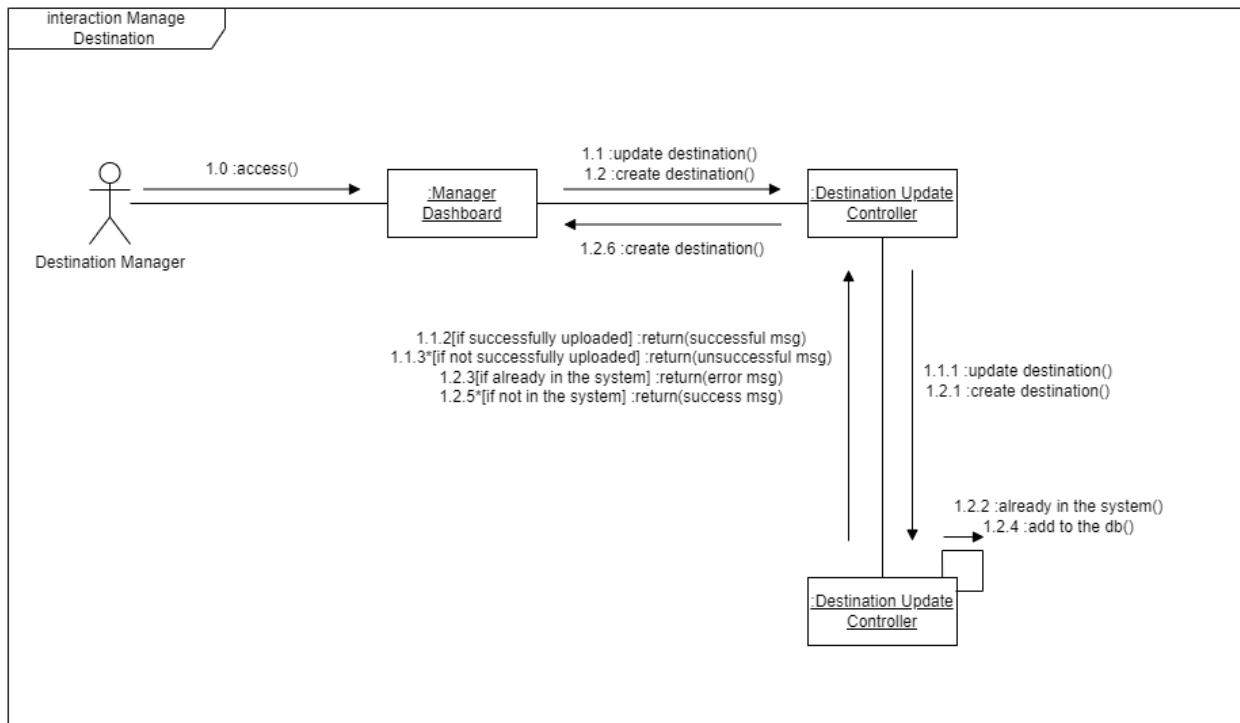
Sequence Diagram



Class Diagram



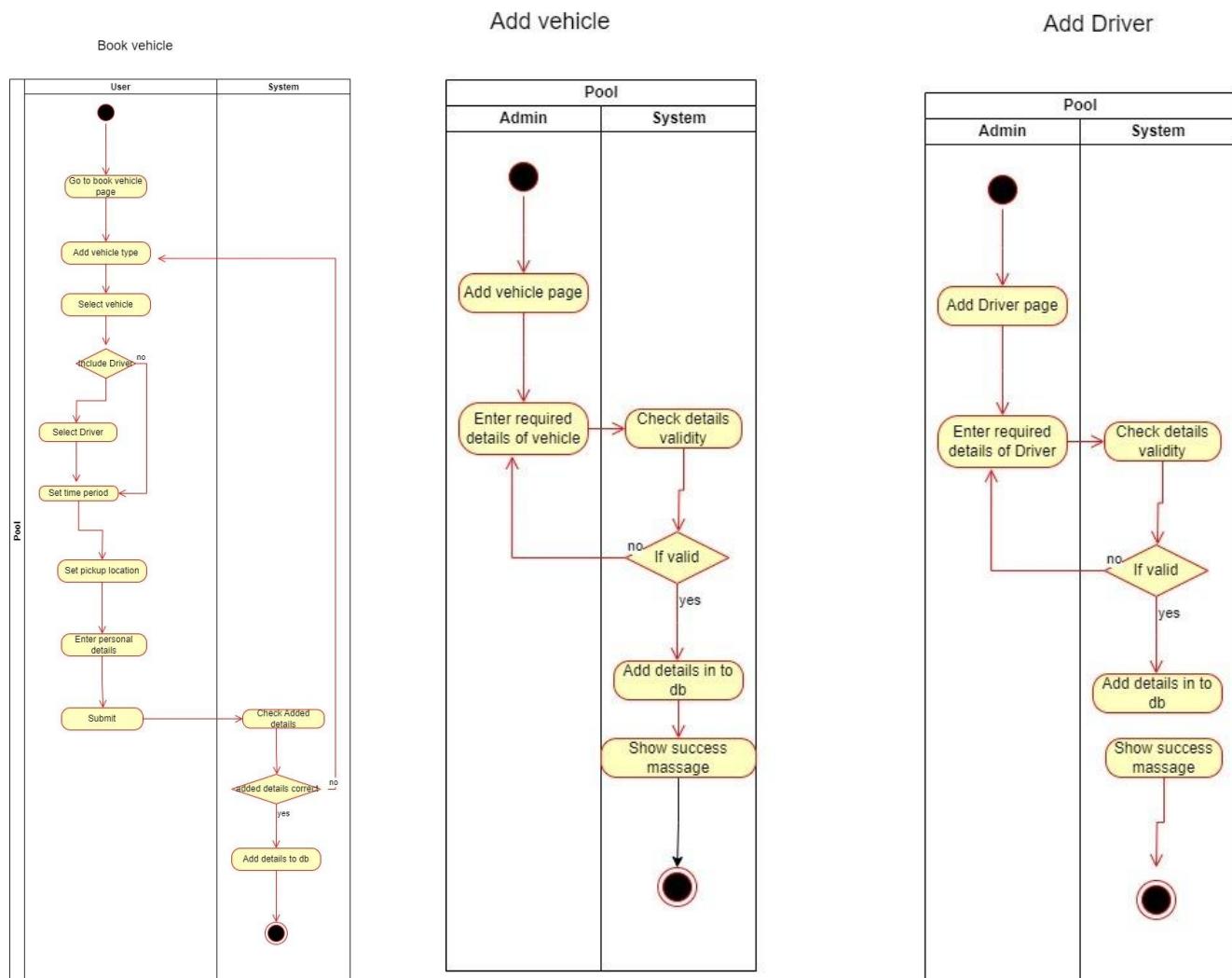
Communication Diagram



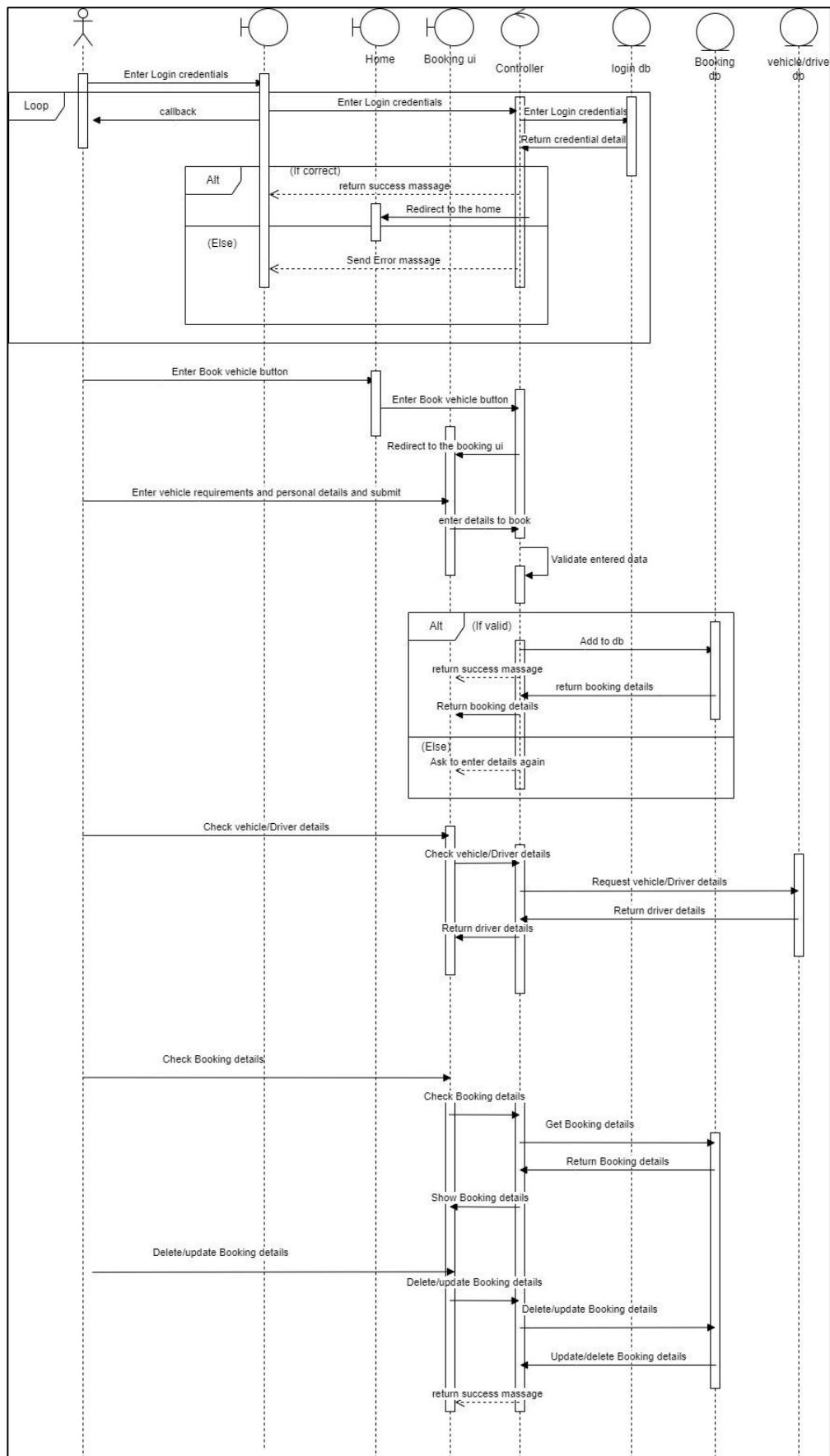
IT22131560 Weerakoon W.M.D.P

Epic - Rental vehicle management

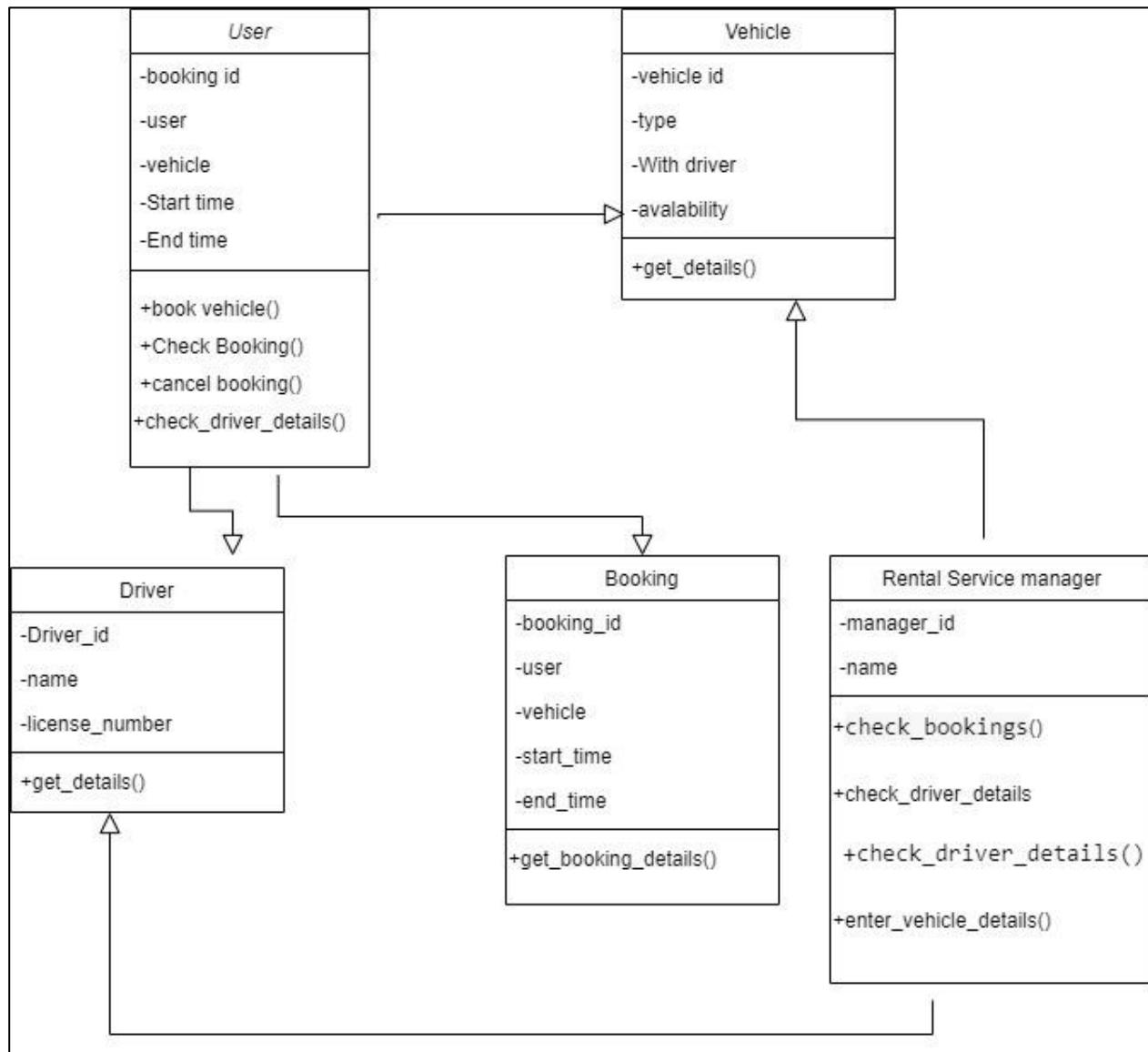
Activity Diagram



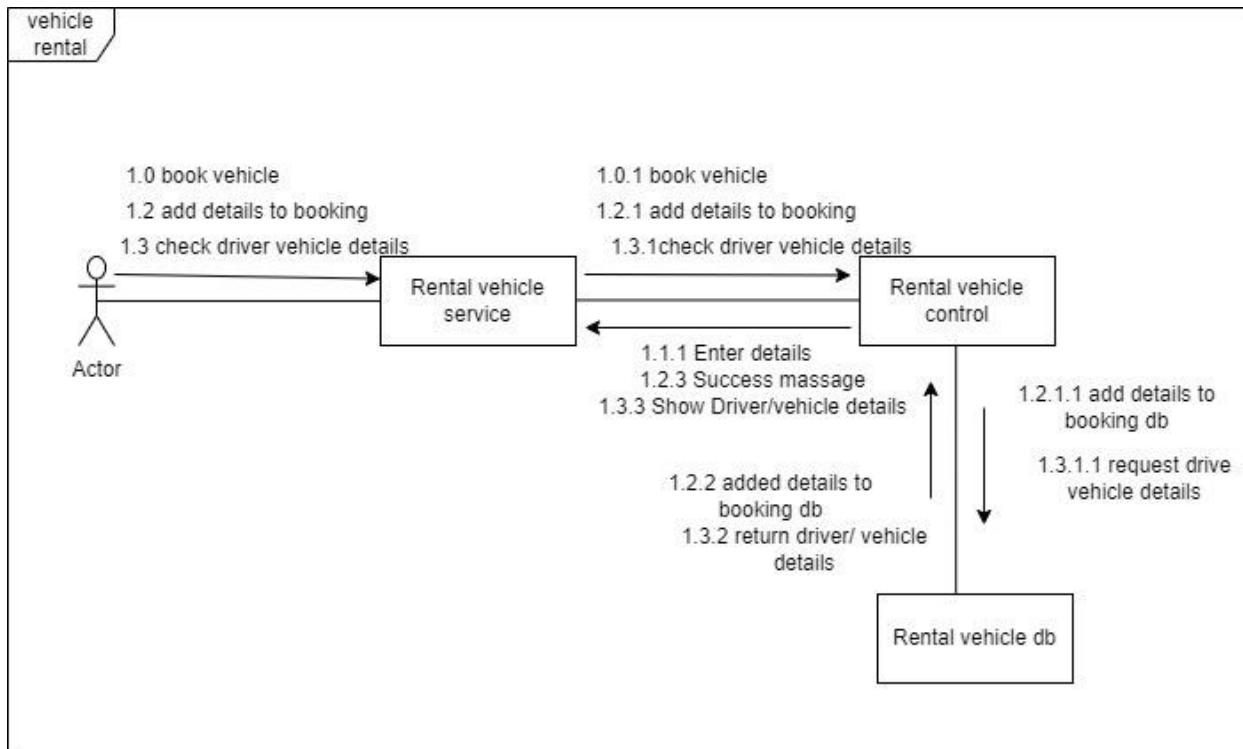
Sequence Diagram



Class Diagram



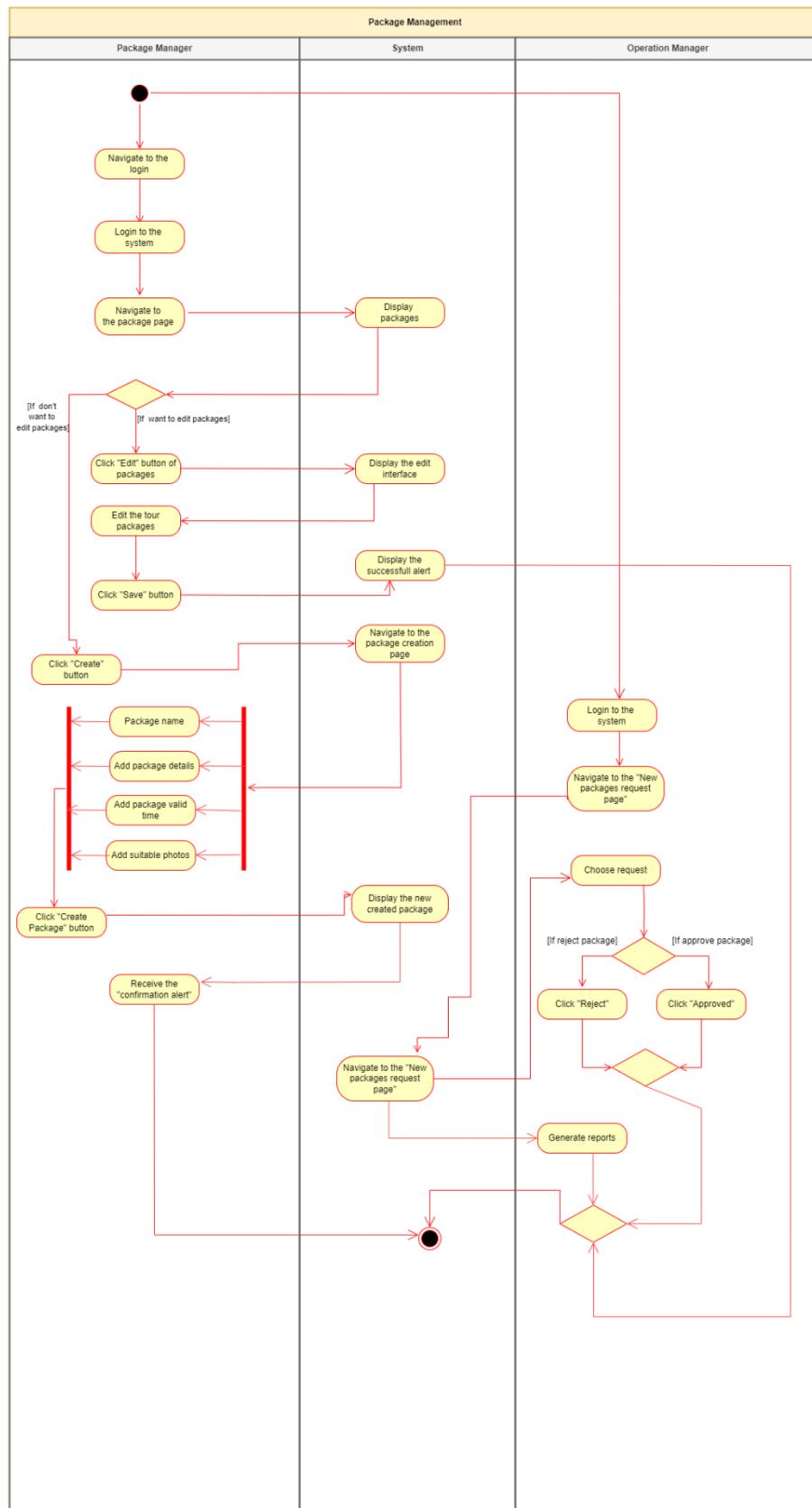
Communication Diagram



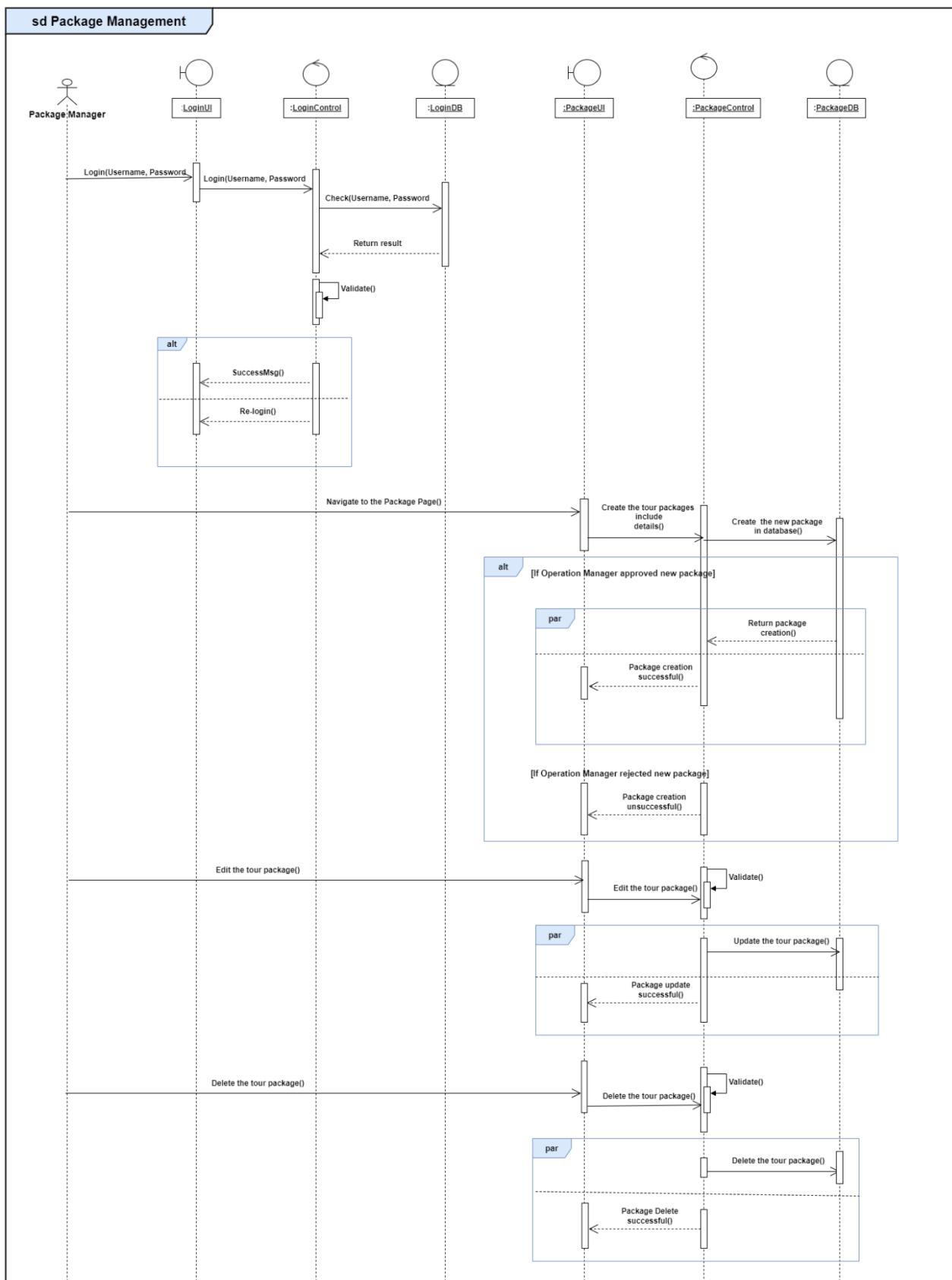
IT22230492 – Pathiraja H.P.M.O.N

Epic - Package Management System

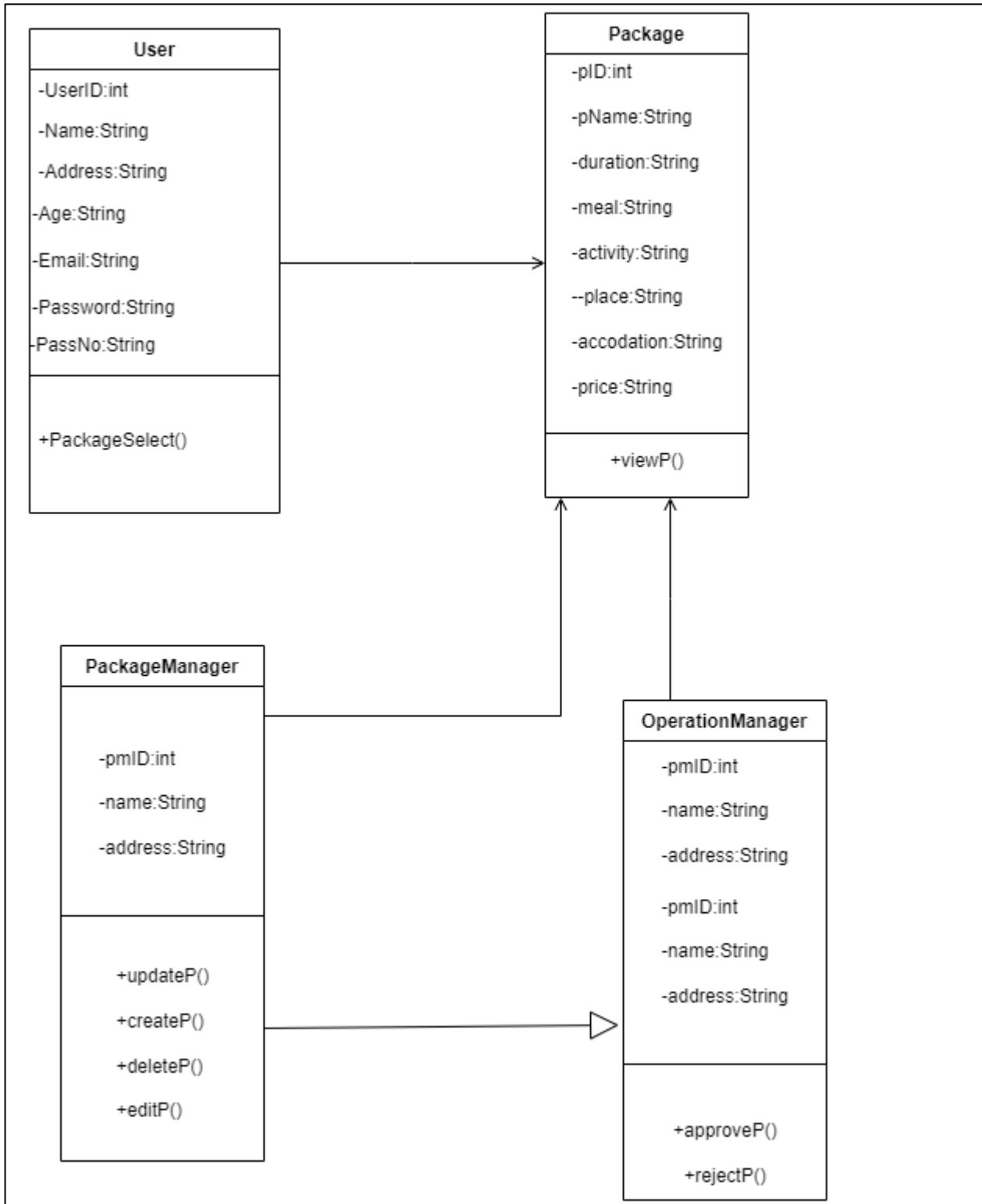
Activity Diagram



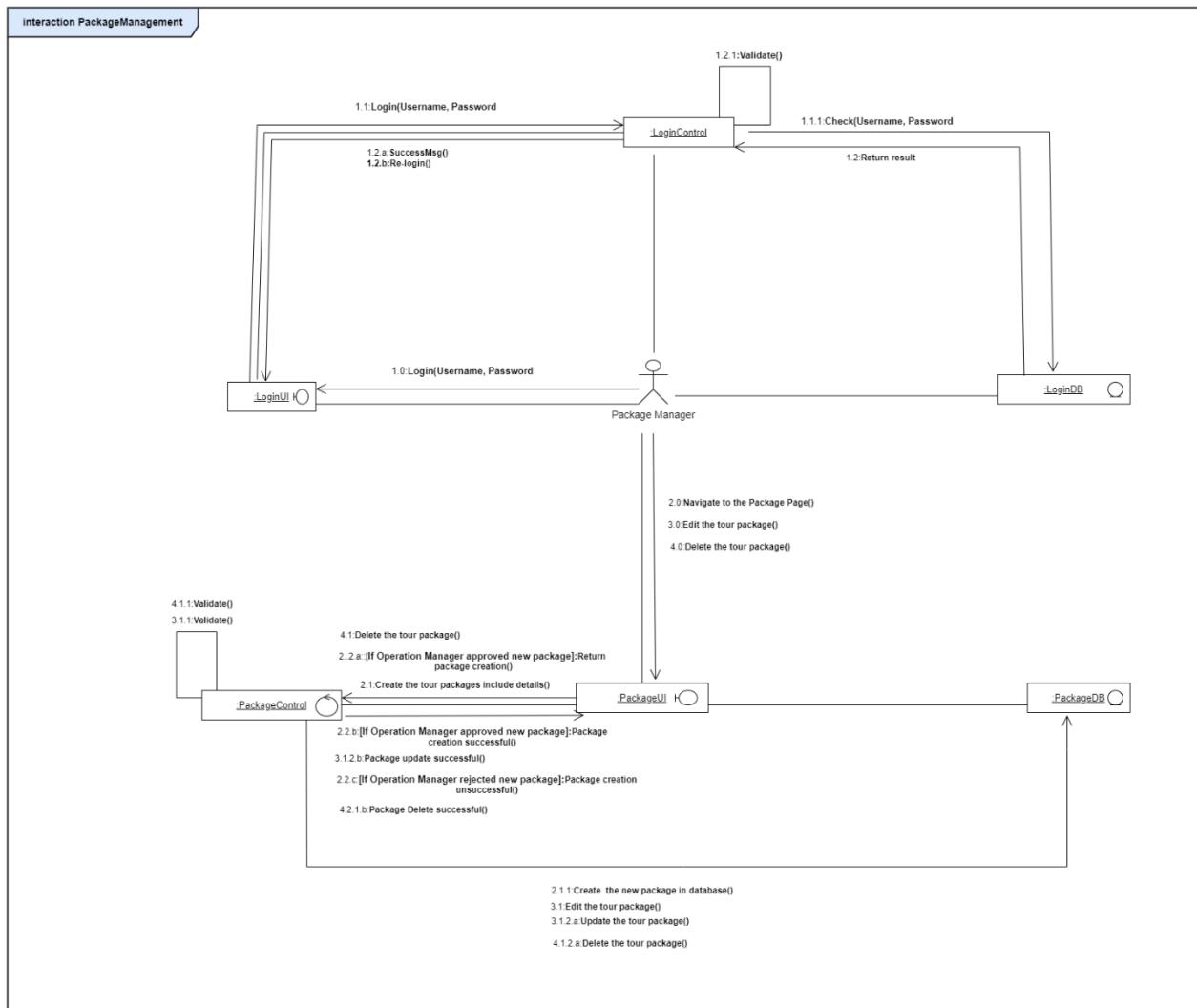
Sequence Diagram



Class Diagram

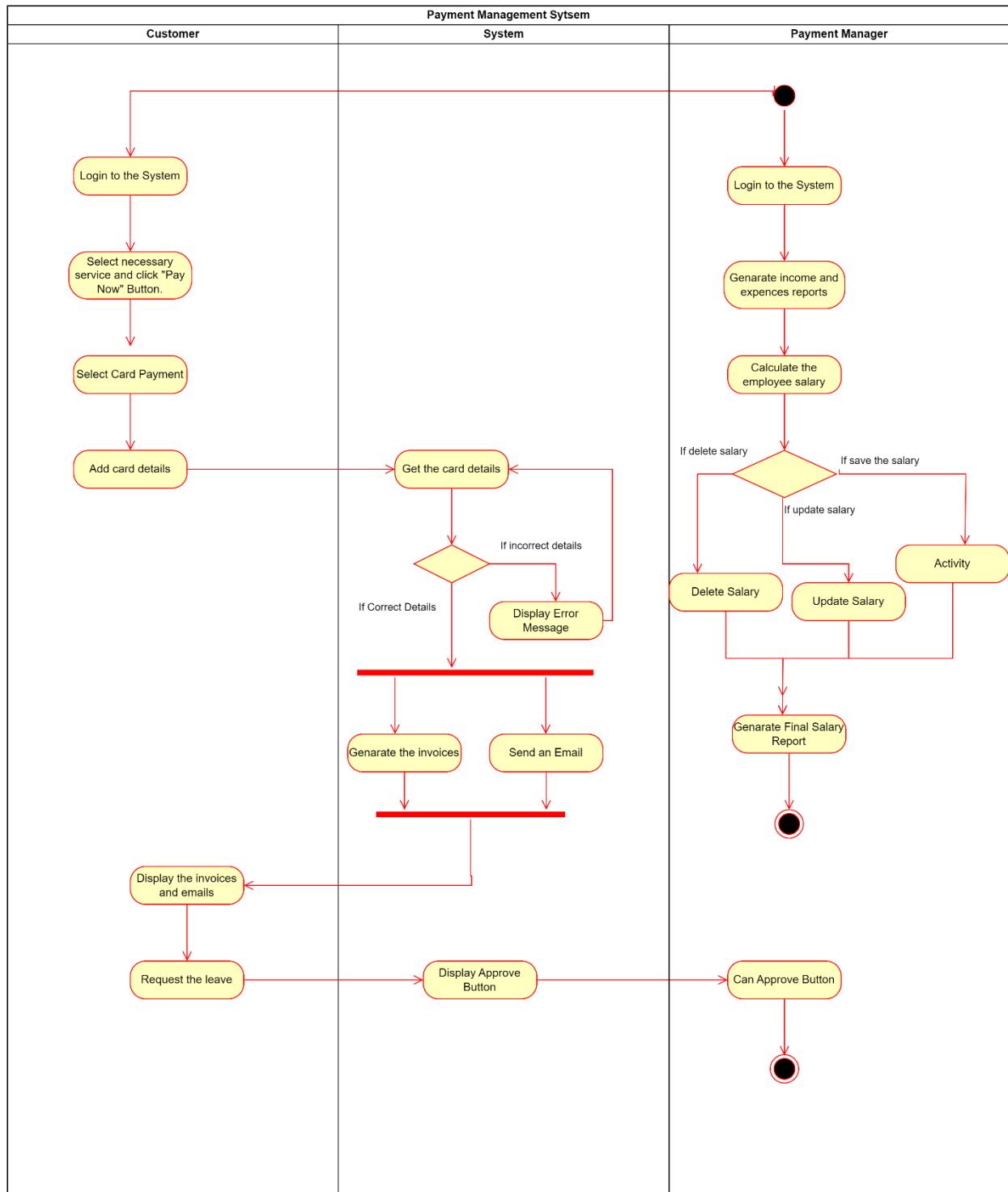


Communication Diagram

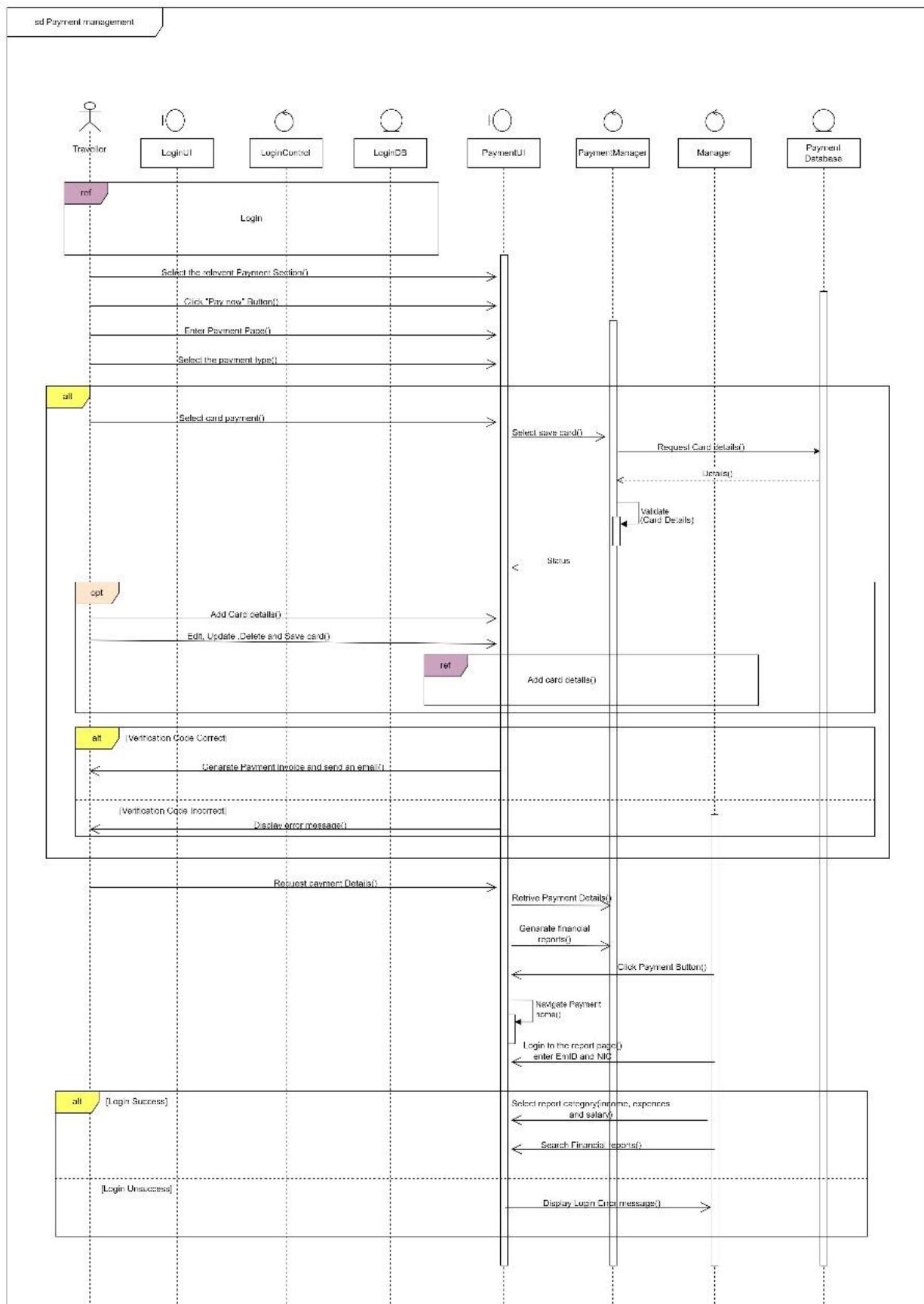


Epic - Payment management

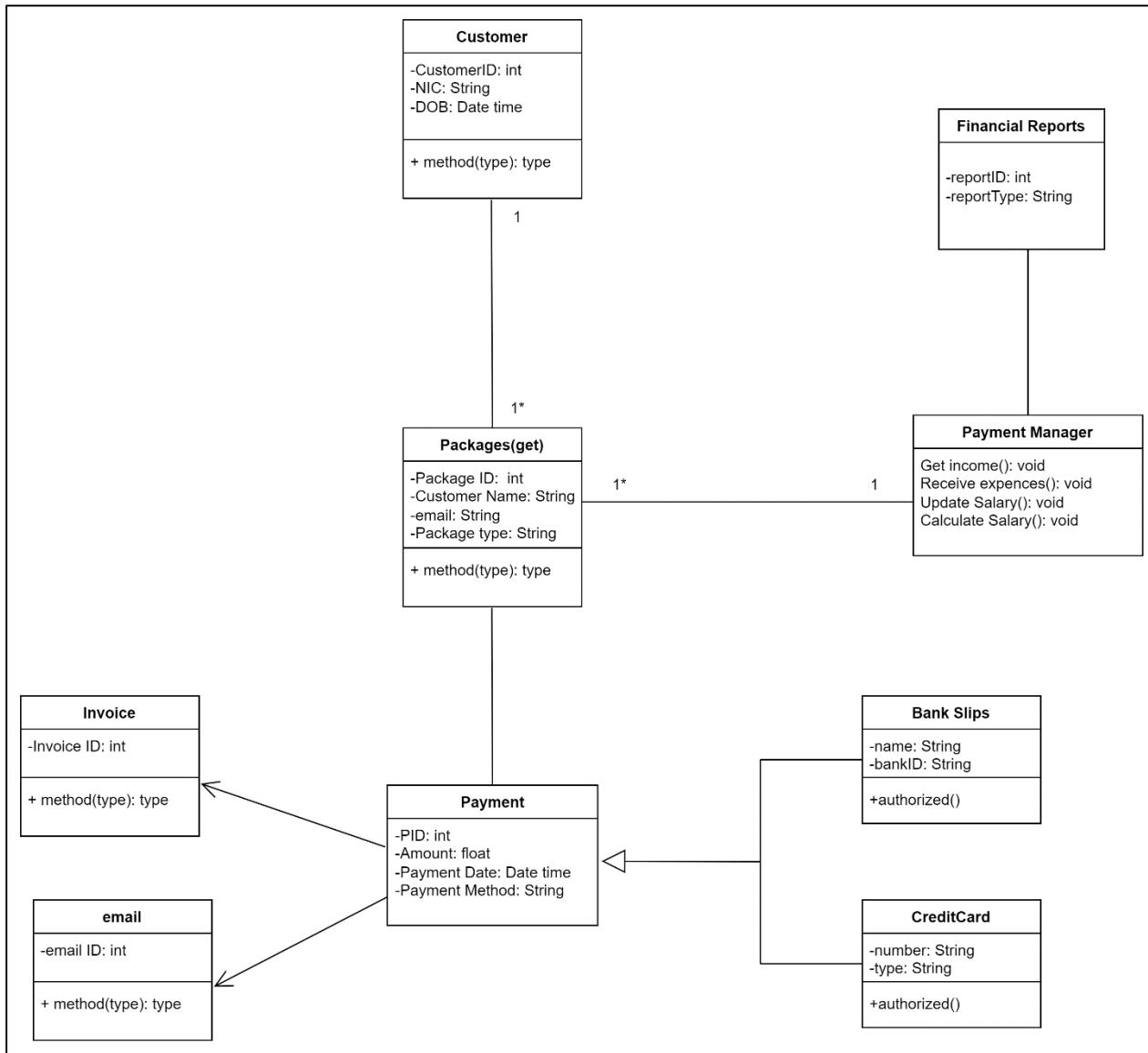
Activity Diagram



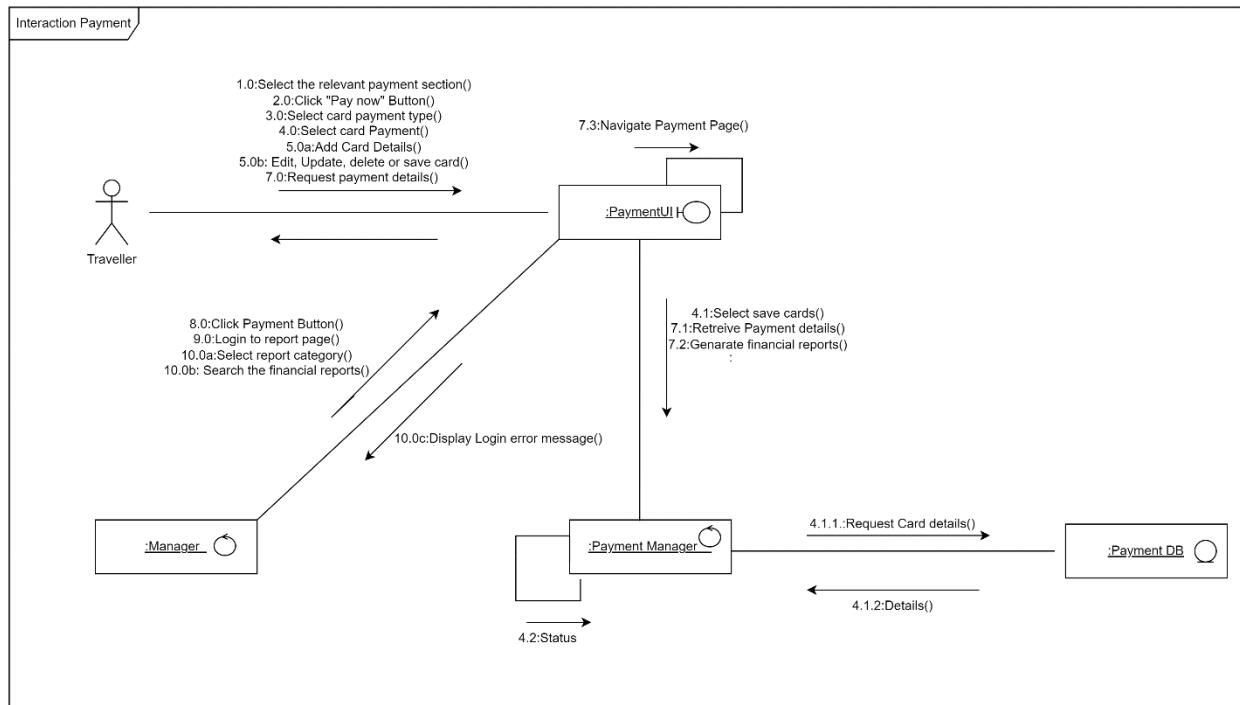
Sequence Diagram



Class Diagram

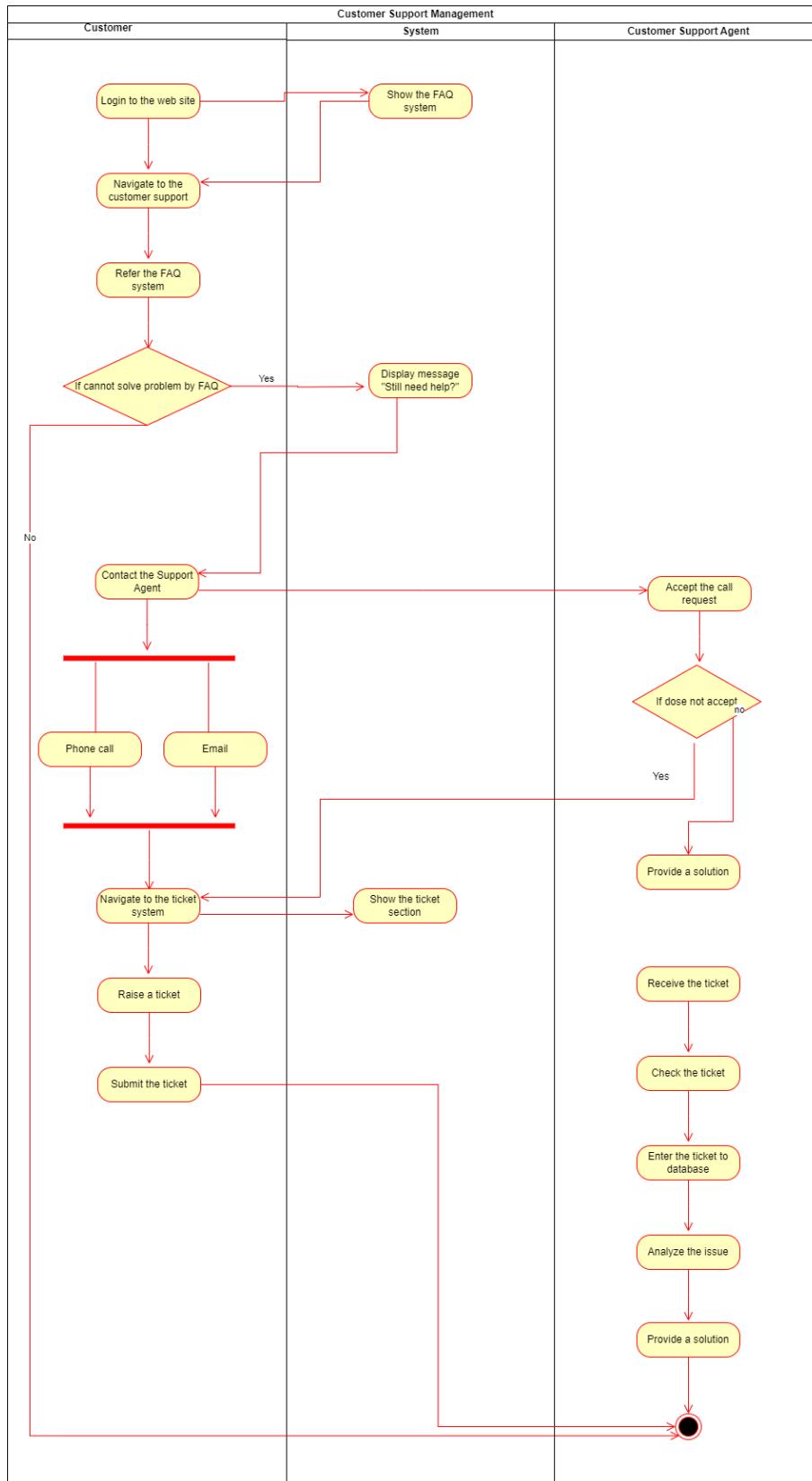


Communication Diagram

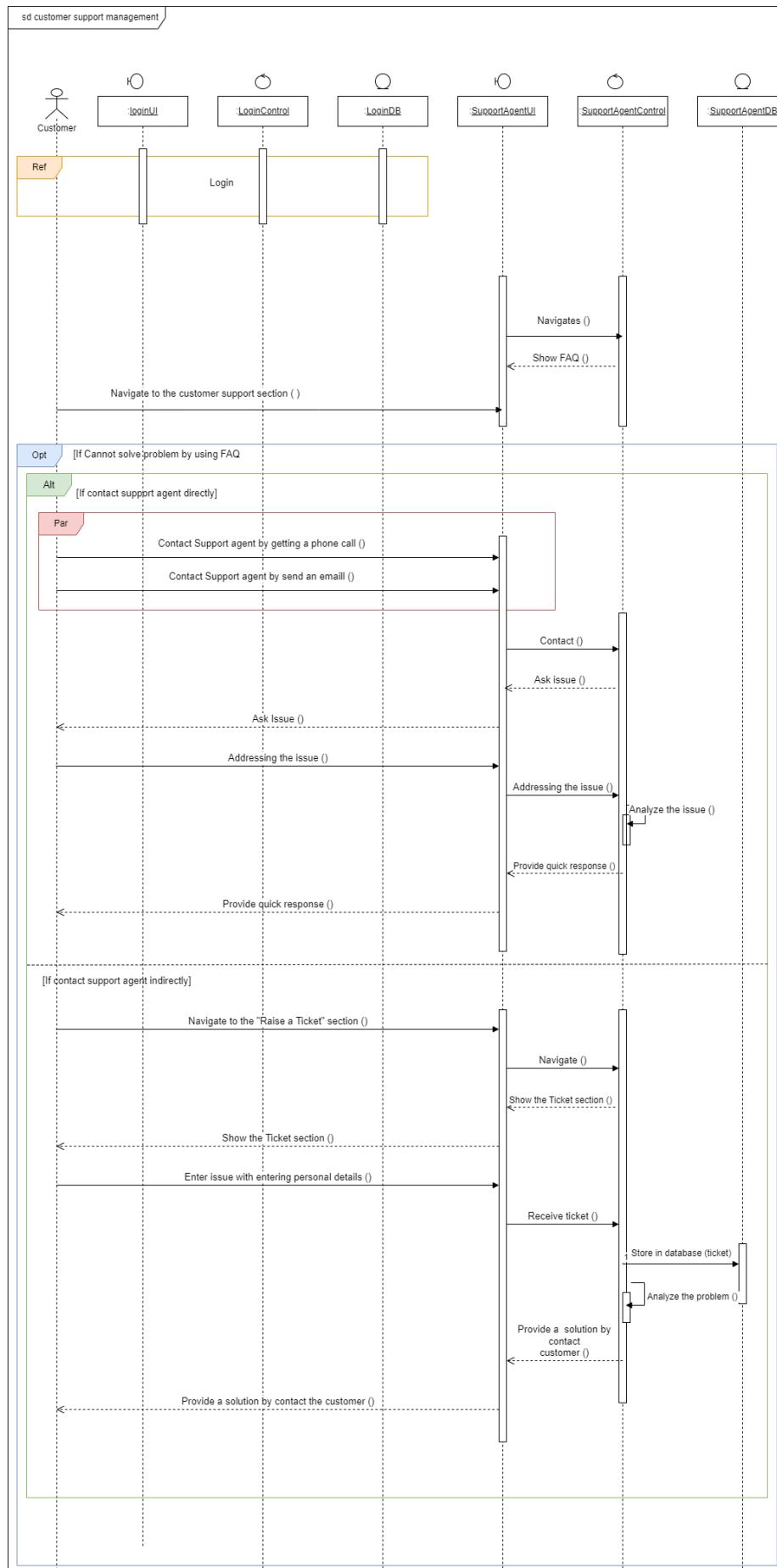


Epic - Customer Support Management

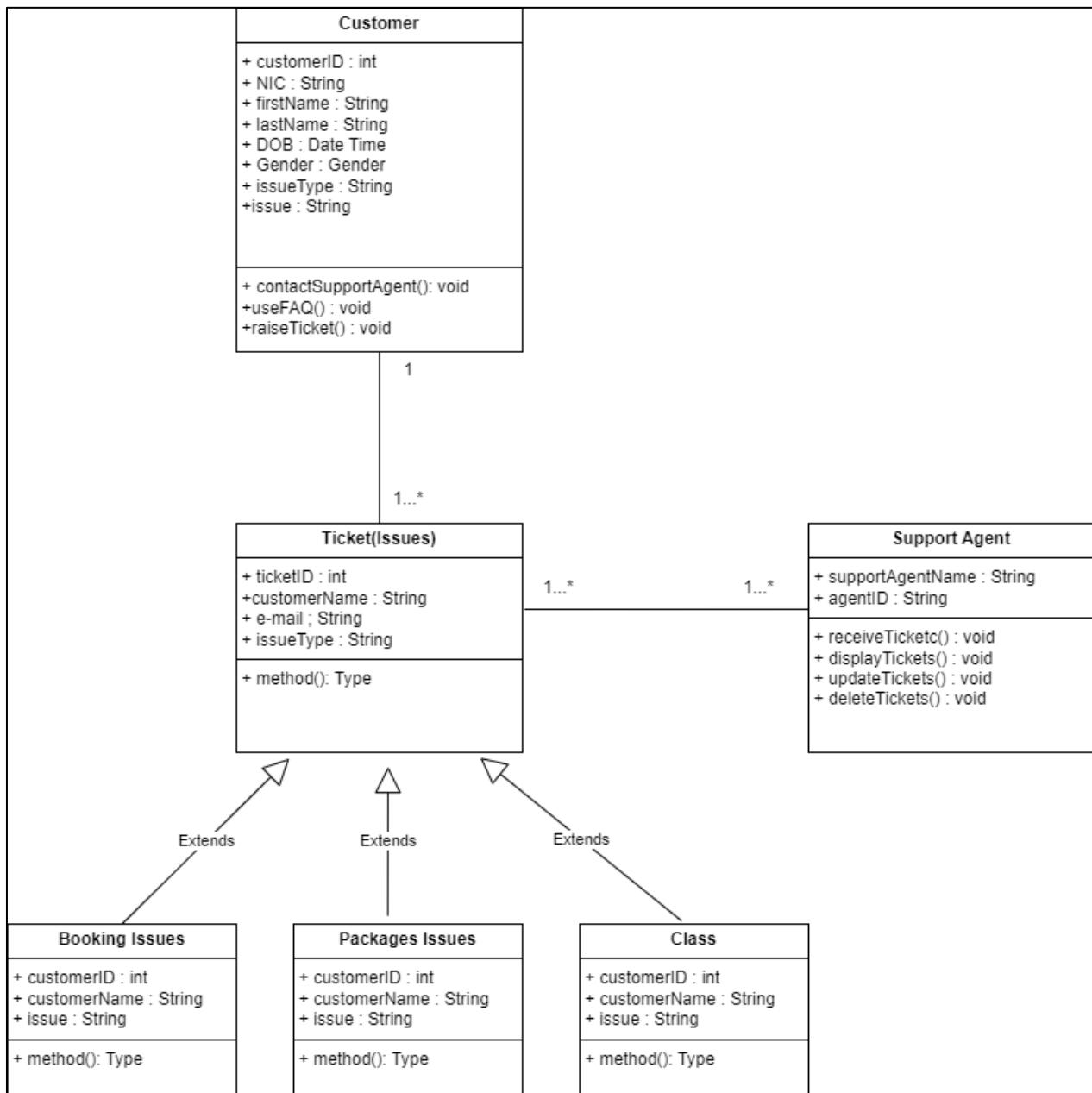
Activity Diagram



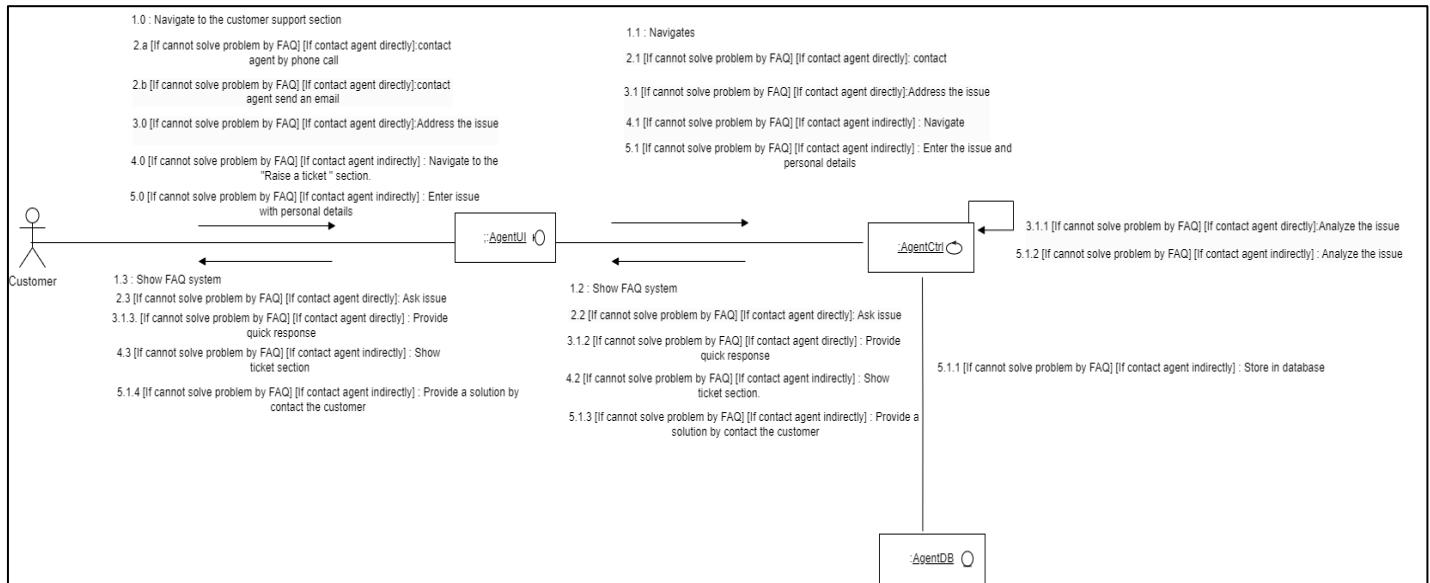
Sequence Diagram



Class Diagram



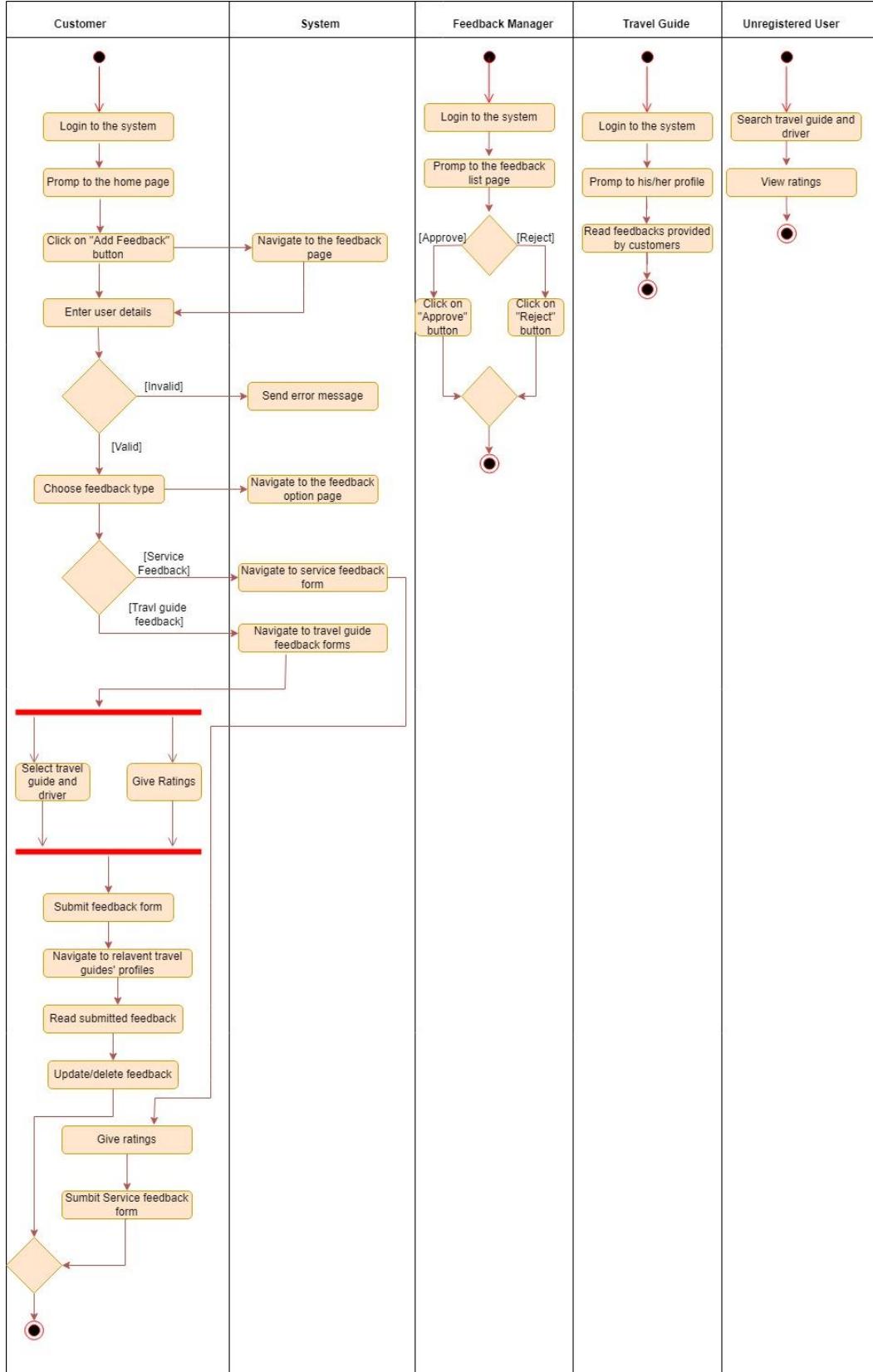
Communication Diagram



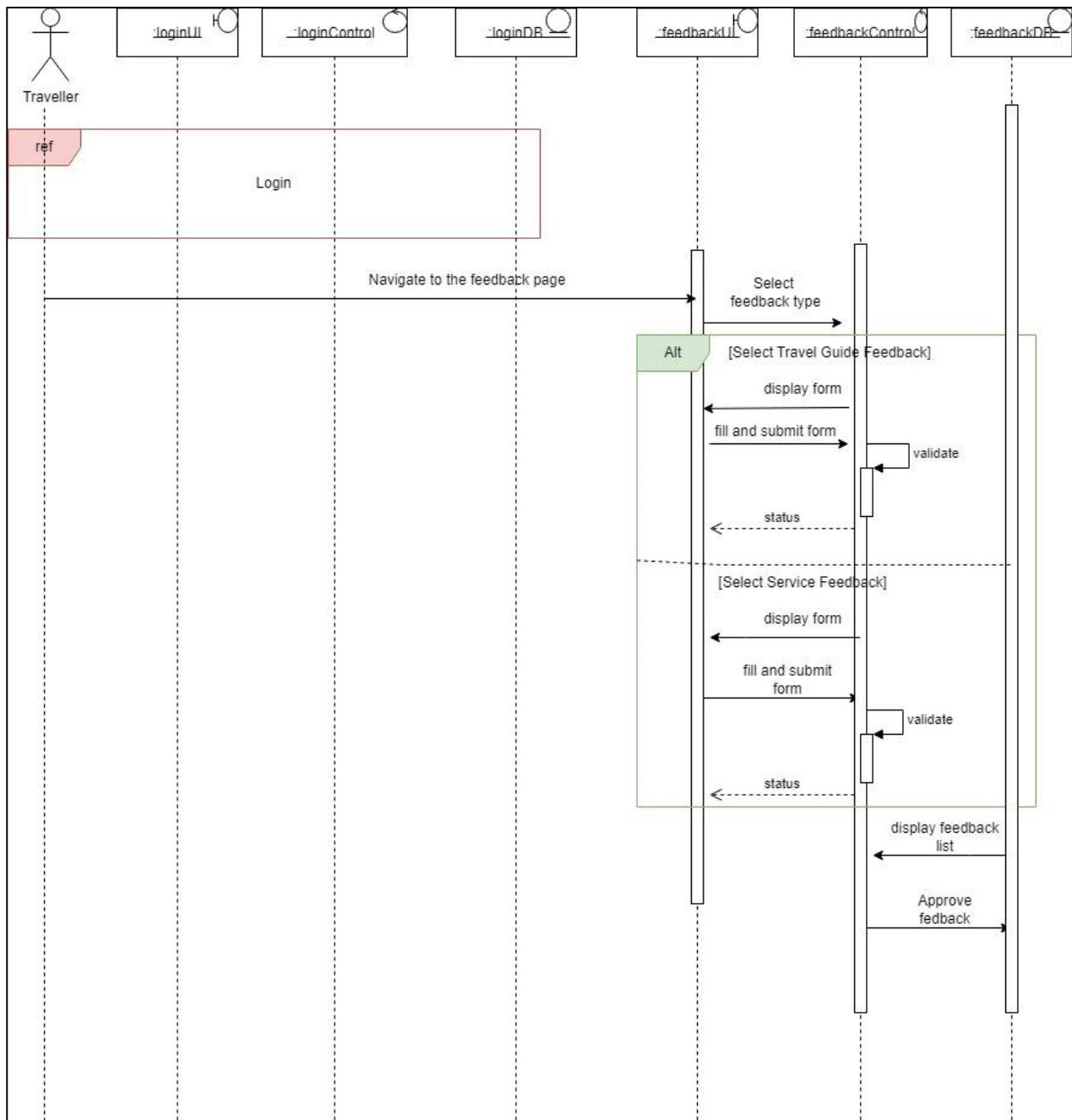
IT22246950 - Kumari P.K.D.L.H

Epic - Feedback Management

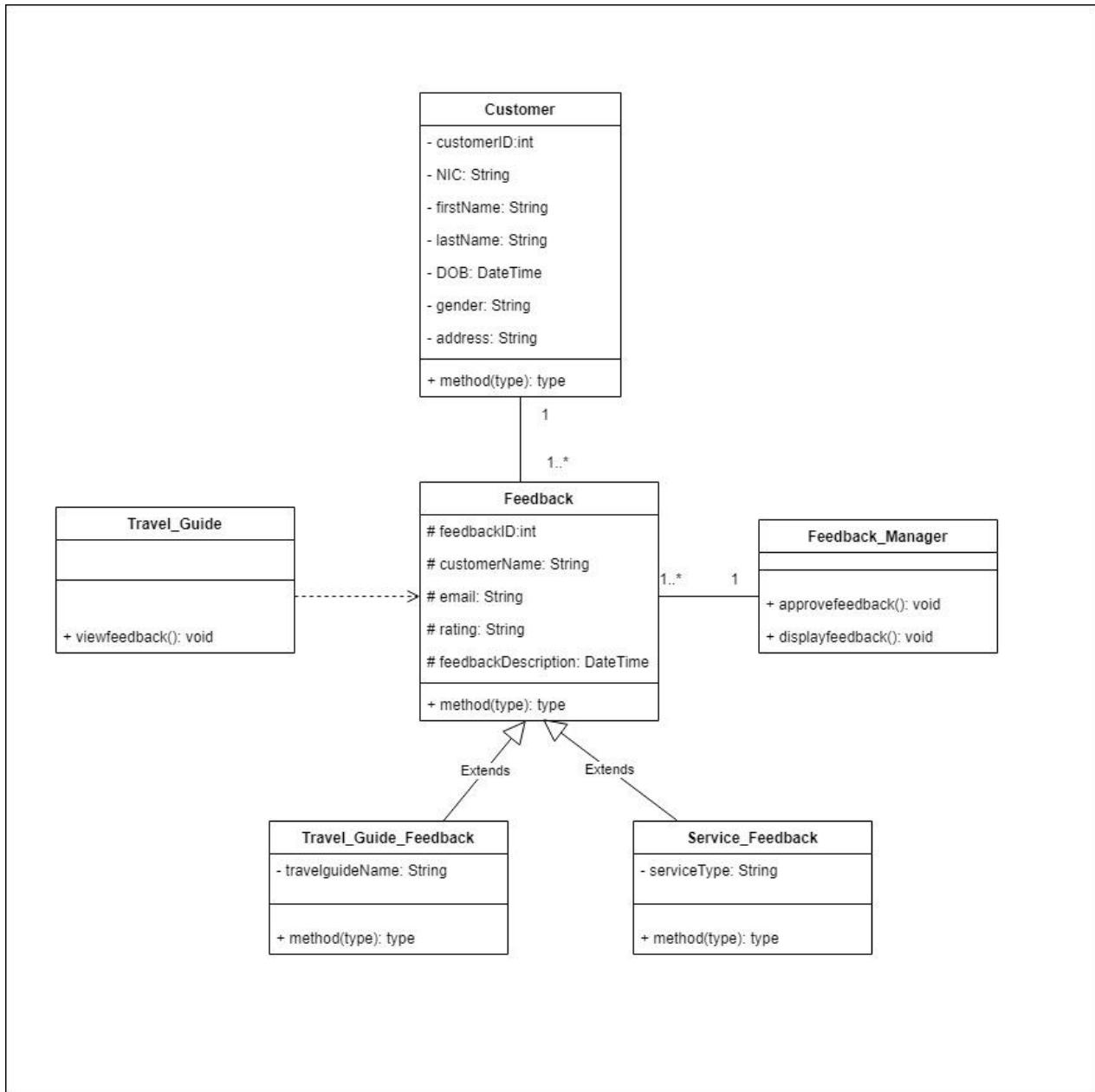
Activity Diagram



Sequence Diagram

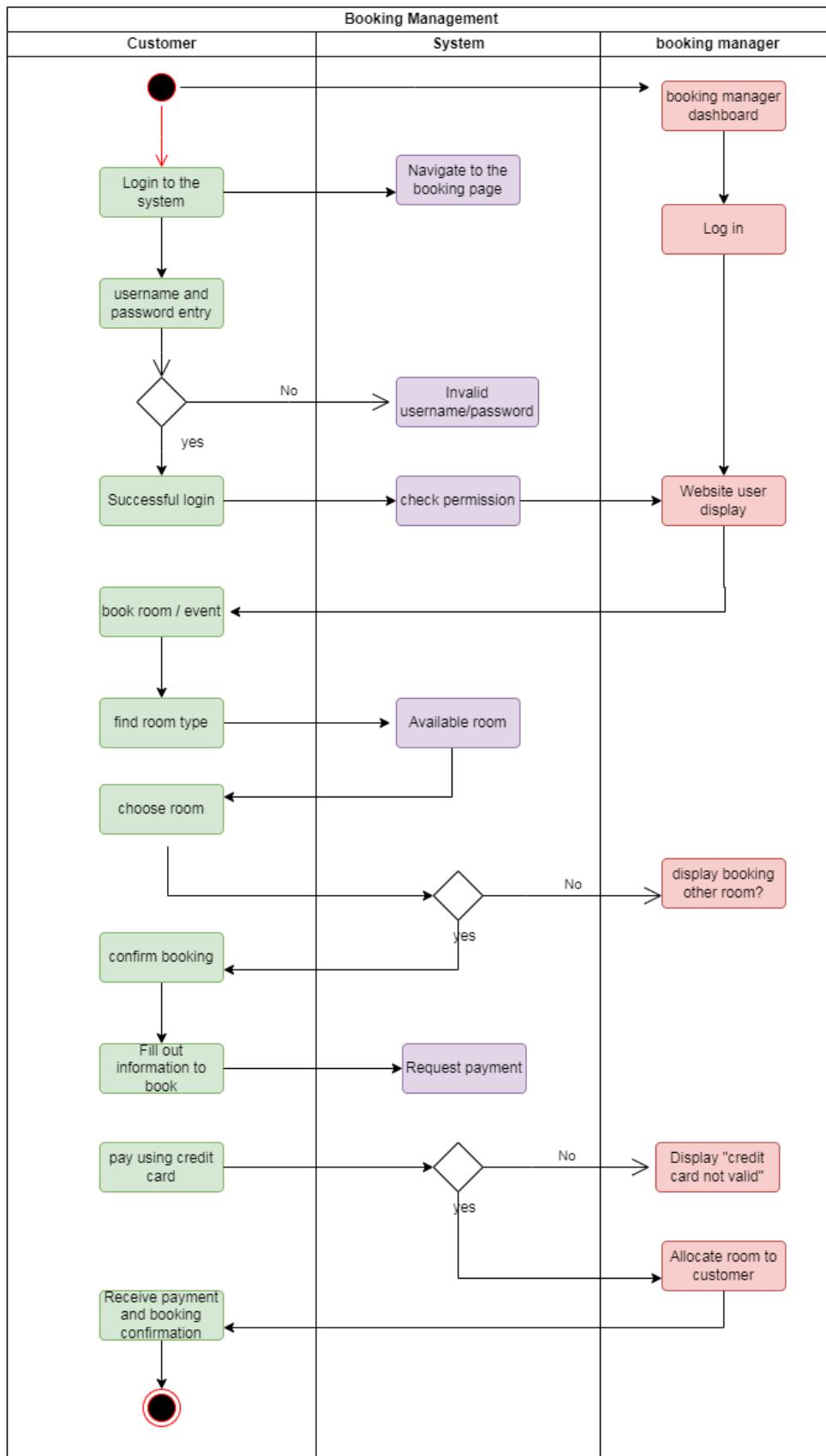


Class Diagram

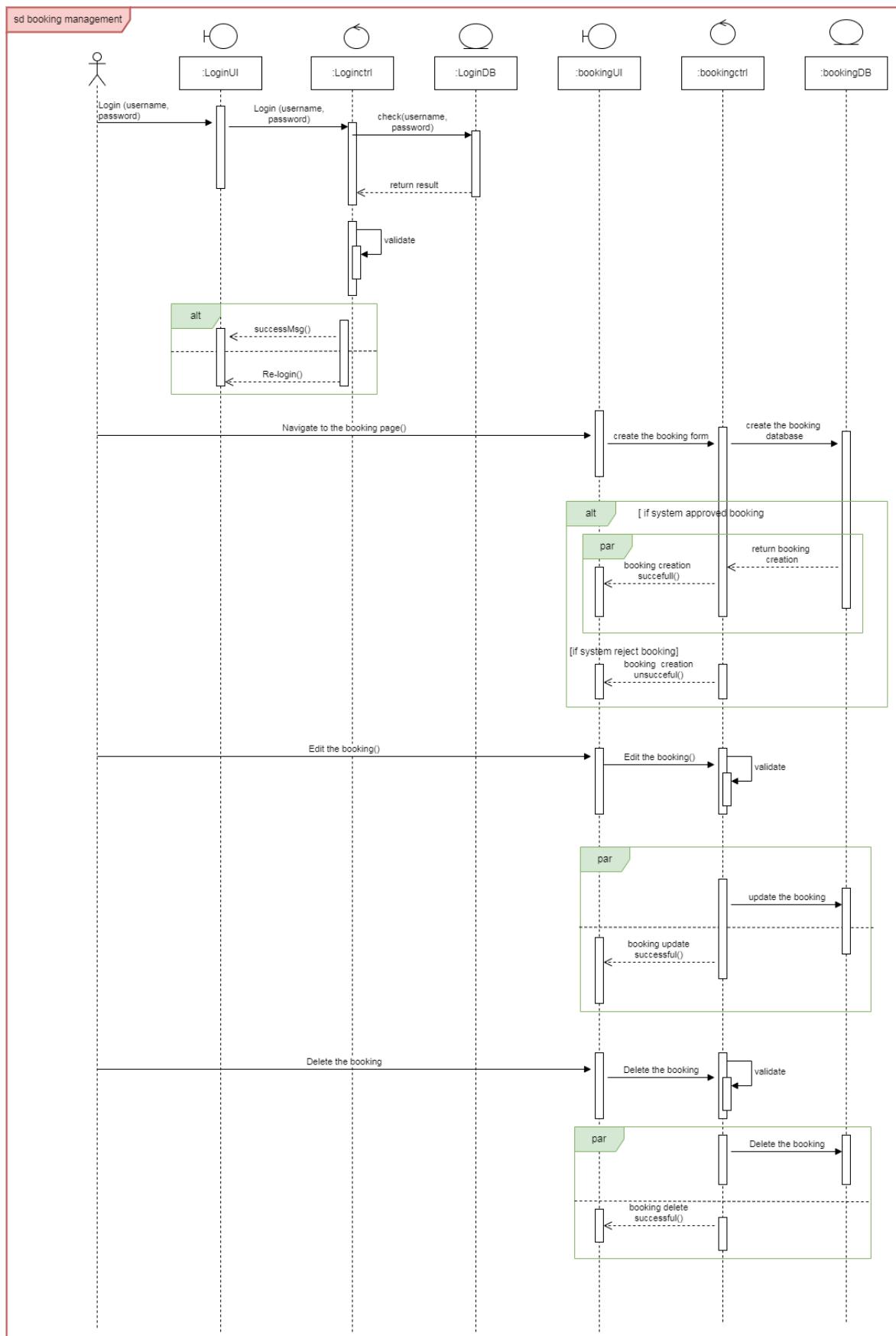


IT22349156 - Wijesinghe K. A. A. N
Epic - Booking Management

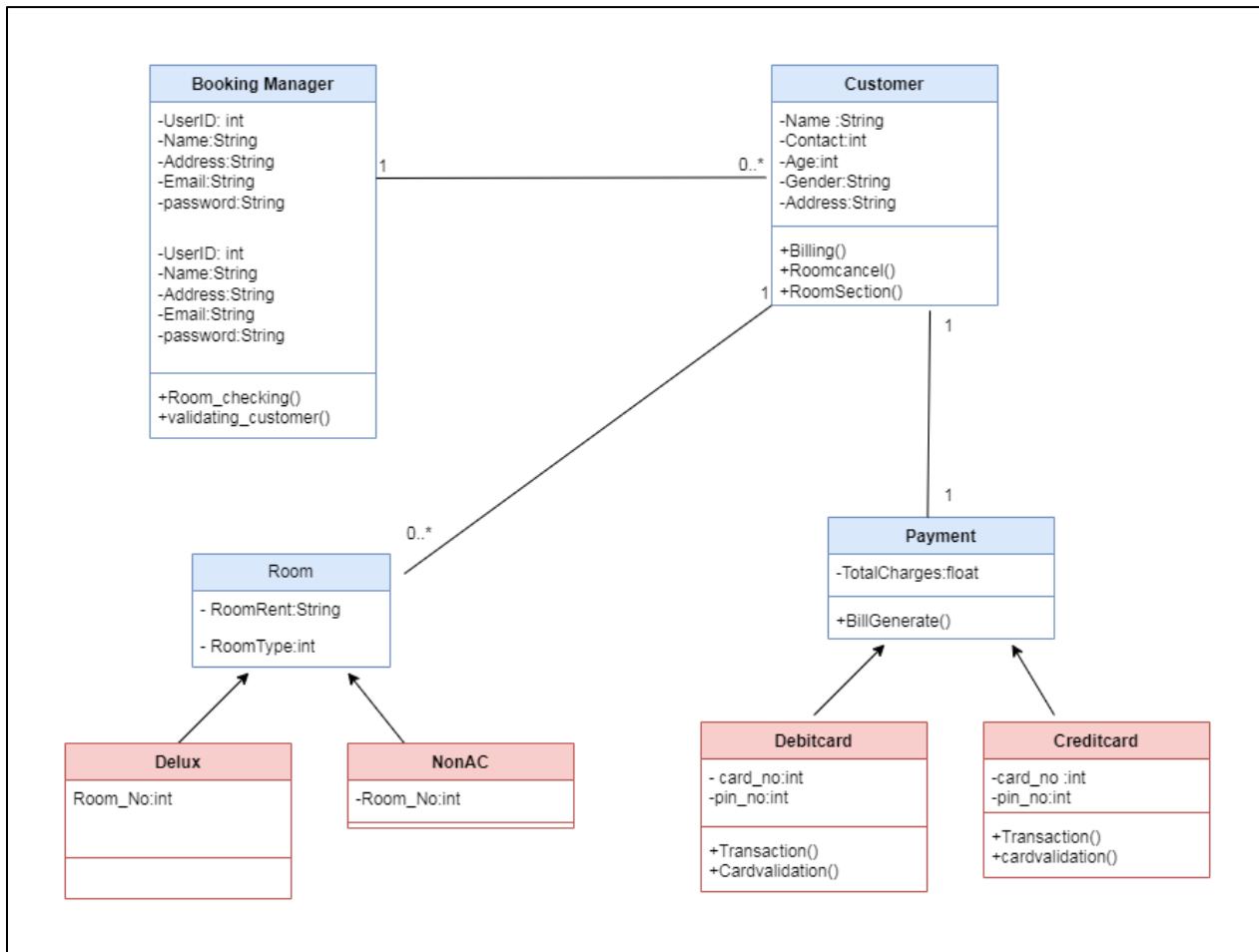
Activity Diagram



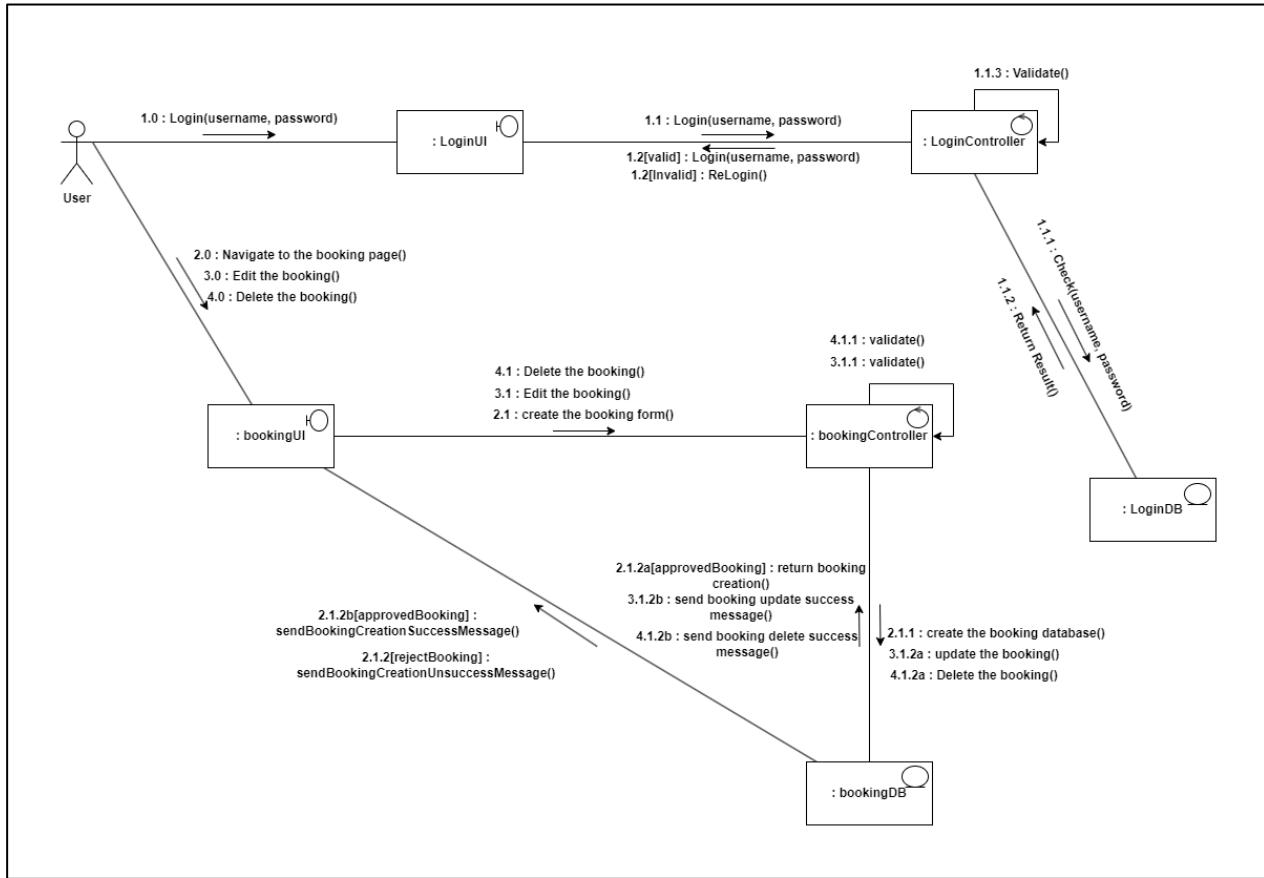
Sequence Diagram



Class Diagram



Communication Diagram



Data Base

```
_id: ObjectId('65f32390fdffbb4e825837c3')
driver_Id : "d001"
Name : "kulasuriya"
email : "kavindu@gmail.com"
```

```
_id: ObjectId('65f31b52fdffbb4e825837b1')
f_Name : "Devid"
l_Name : "seana"
cusId : "cus001"
passNum : "N00000001"
phone : "0981235346"
address : "12,celifinia,usa"
email : "devid12@gmail.com"
DOB : "12/05/2000"
Age : "24"
IssueType : "aa"
```

```
_id: ObjectId('65f31fe5fdffbb4e825837b5')
vehicalNum : "234-334"
type : "van"
owner : "kamal silva"
model : "caravan"
```

```
_id: ObjectId('65f32858fdffbb4e825837c9')
leaveId : "l001"
date_from : "12/3/2024"
date_to : "15/3/2024"
status : "3 day"
```

```
_id: ObjectId('65f31f2cfdfbb4e825837b3')
pId : "p001"
price : "$234"
accommodation : "hotel"
place : "kandy"
duration : "2week"
activity : ""
meal : "include"
```

```
_id: ObjectId('65f3241cfdffbb4e825837c5')
ticket_Id : "t001"
date : "12/03/2024"
description : ""
status : ""
```

```
_id: ObjectId('65f3251bfdffbb4e825837c7')
empId : "em001"
f_name : "Nimal"
l_name : "banuka"
email : "nimalb@gmail.com"
driving_licence : "326282686"
phone_no : "098436326"
DOB : "23/3/1998"
address : "no.23,kandy road, malabe"
password : "bnb1234"
```

```
_id: ObjectId('65f32f3afdfbb4e825837e1')
f_name : "Jhone"
l_name : "peper"
u_address : "12,california,usa"
u_phone : "48237382810"
u_email : "jhone@gmail.com"
DOB : "12/3/1976"
gender : "male"
passport_no : "M32876868"
```

```
_id: ObjectId('65f32b86fdffbb4e825837cf')
agentId : "ag001"
name : "kamindu"
email : "kamindu2@gmail.com"
```

```
_id: ObjectId('65f32c17fdffbb4e825837d1')
des_Id : "d001"
ImageId : "i001"
location : "kandy"
Image : ""
```

```
_id: ObjectId('65f32ad8fdffbb4e825837cd')
f_Id : "f001"
cusId : "cus001"
type : ""
description : ""
```

```
_id: ObjectId('65f320f8fdffbb4e825837b7')
hotel_Id : "h001"
name : "kingsburry"
type : "5star"
events : "beach party"
p_cal : "$"
```

```
_id: ObjectId('65f32954fdffbb4e825837cb')
name : "kulasekera"
start_time : "8 a.m"
end_time : "3 p.m"
resting_time : "2 hours"
rating : "3 star"
```