



**Sri Lanka Institute of Information
Technology**

Information Technology Project (IT2080)

Batch ID - WE.IT.04

Group ID - WE_B04_G04

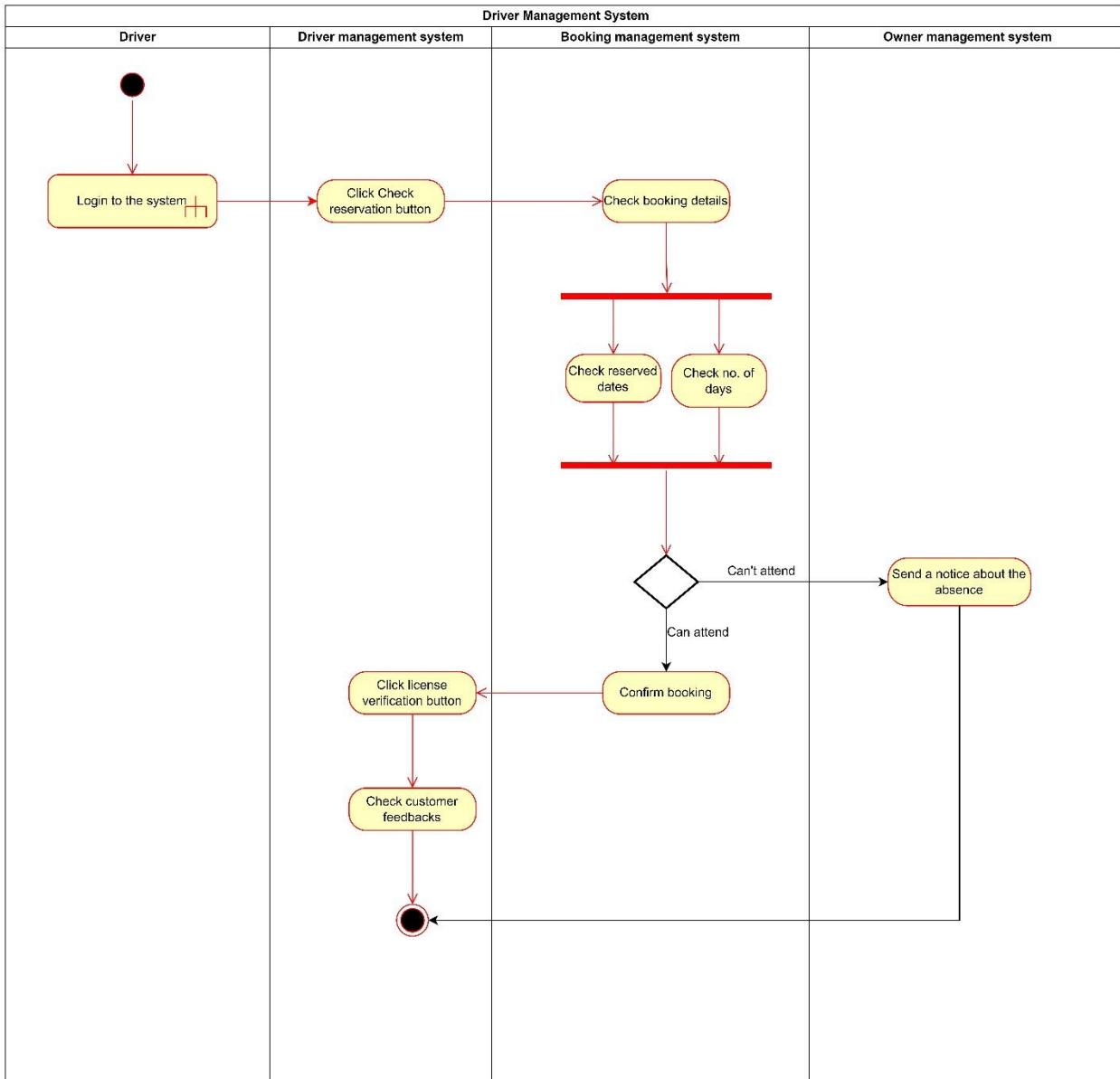
**EasyRent - Vehicle Rental and Hiring
Management System**

Submitted by:

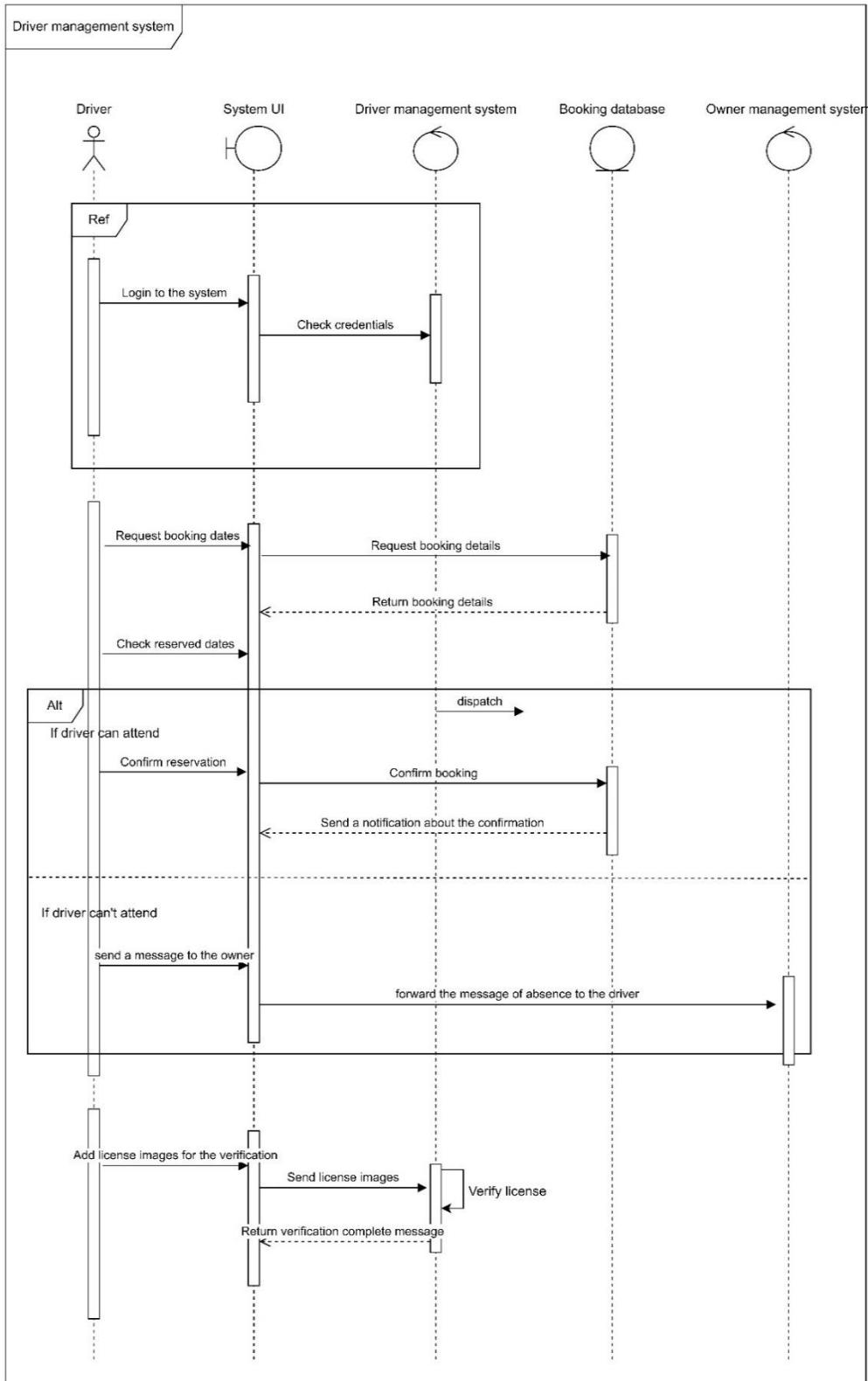
	Name with Initials (Surname first)	Registration Number	Contact Phone Number	Email
1.	Jayasekara M.P.S.S	IT22580344	0772629286	it22580344@my.sliit.lk
2.	Chandrasekara C.M.P.V	IT22286246	0762404667	it22286246@my.sliit.lk
3.	Wijewantha H.D.C	IT22137128	0776183693	it22137128@my.sliit.lk
4.	Nathasha K.D.S	IT22230638	0703886818	it22230638@my.sliit.lk
5.	Jayasundara J.M.T.P	IT22281128	0786414979	it22281128@my.sliit.lk
6.	Tharuka M.S	IT22101242	0701215676	it22101242@my.sliit.lk
7.	Silva M.W.P.R.K	IT22124876	0777372445	it22124876@my.sliit.lk
8.	Abeysekara W.R.G.M	IT22271150	0776501141	it22271150@my.sliit.lk

Driver Management

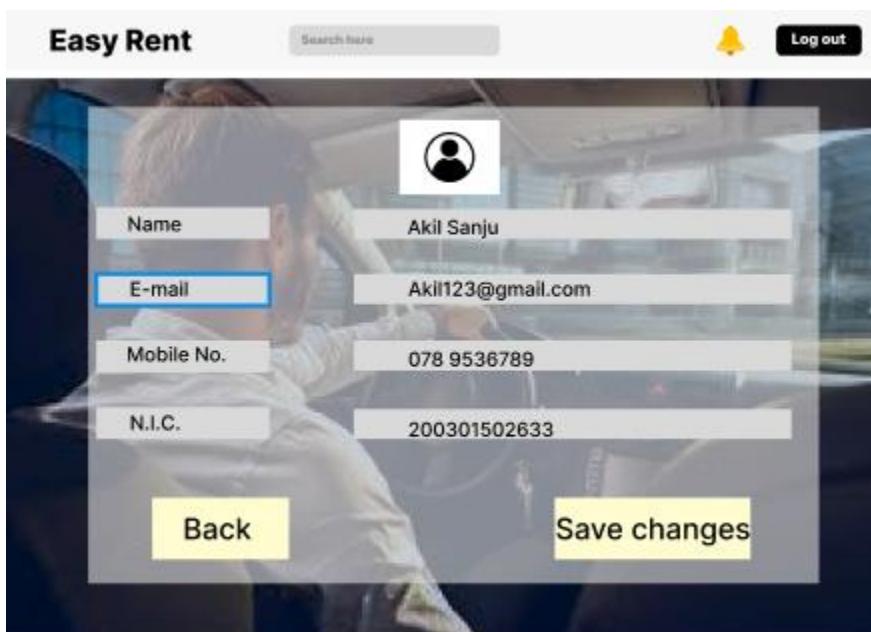
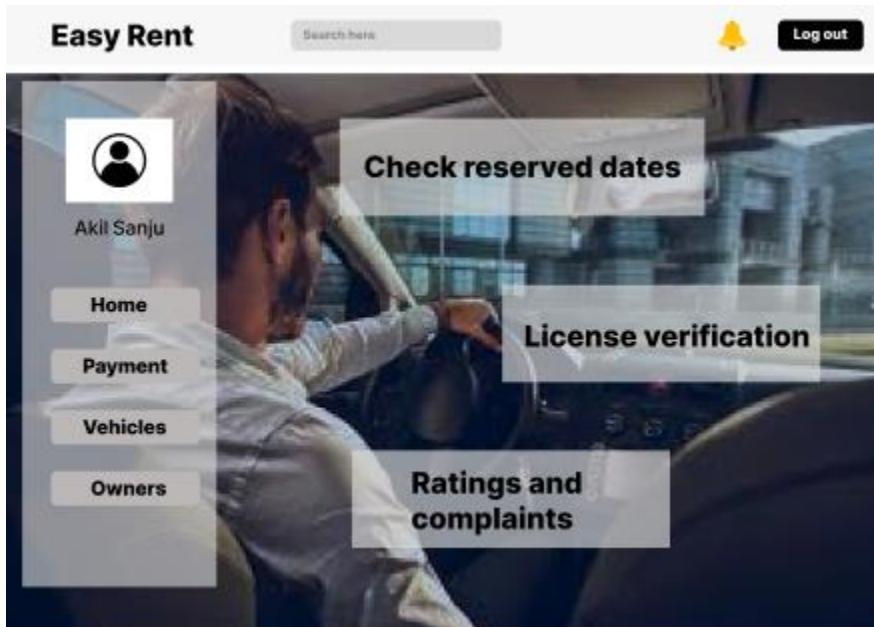
Activity Diagram

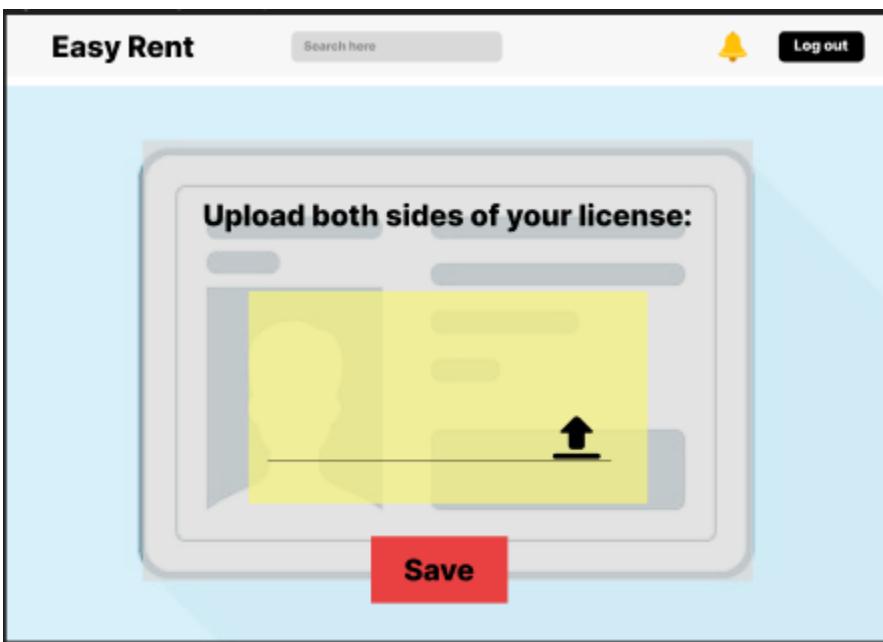
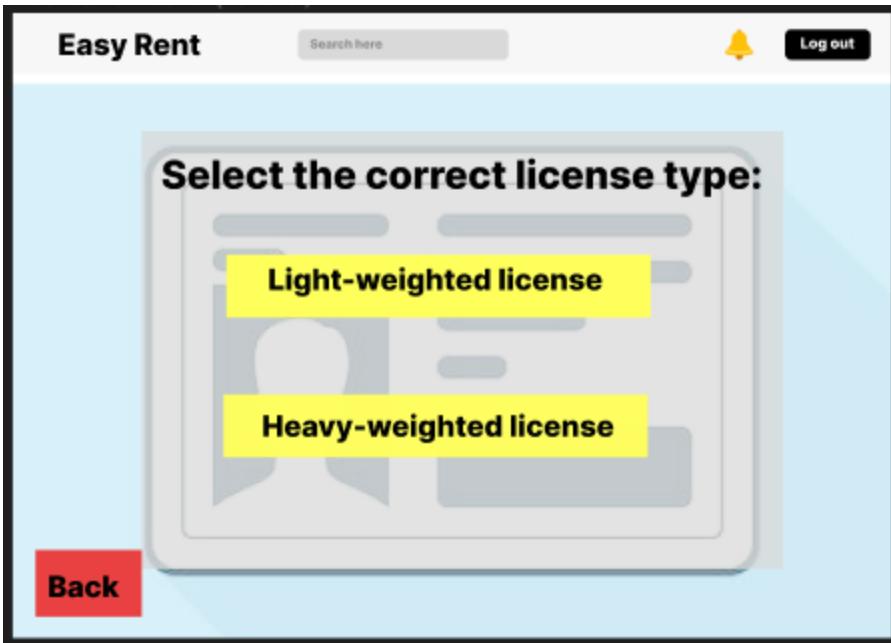


Sequence Diagram



User Interface







2024



If you are unable to attend the assigned hire, please mention the date below.

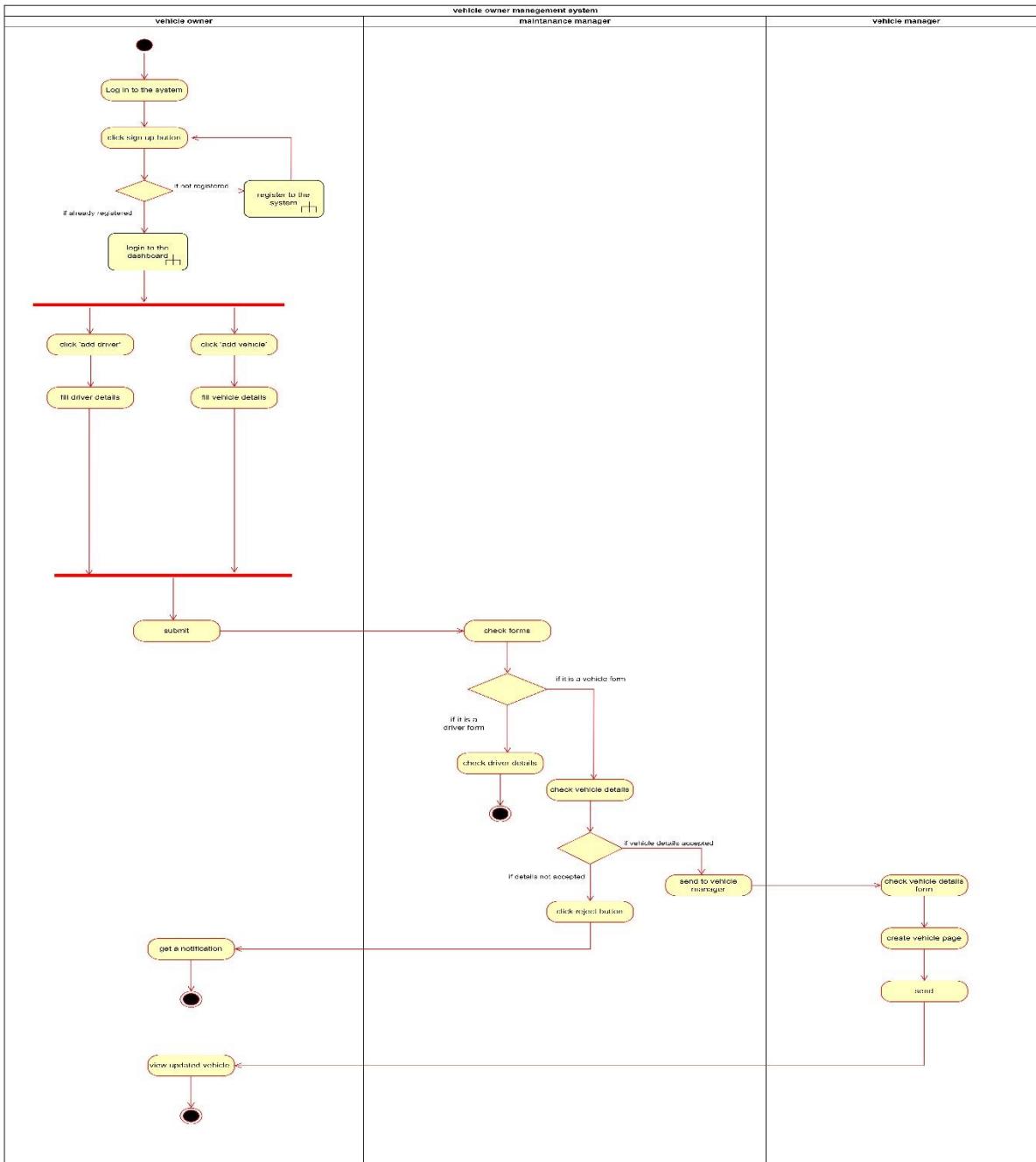
Enter the date:

DD / MM / YYYY

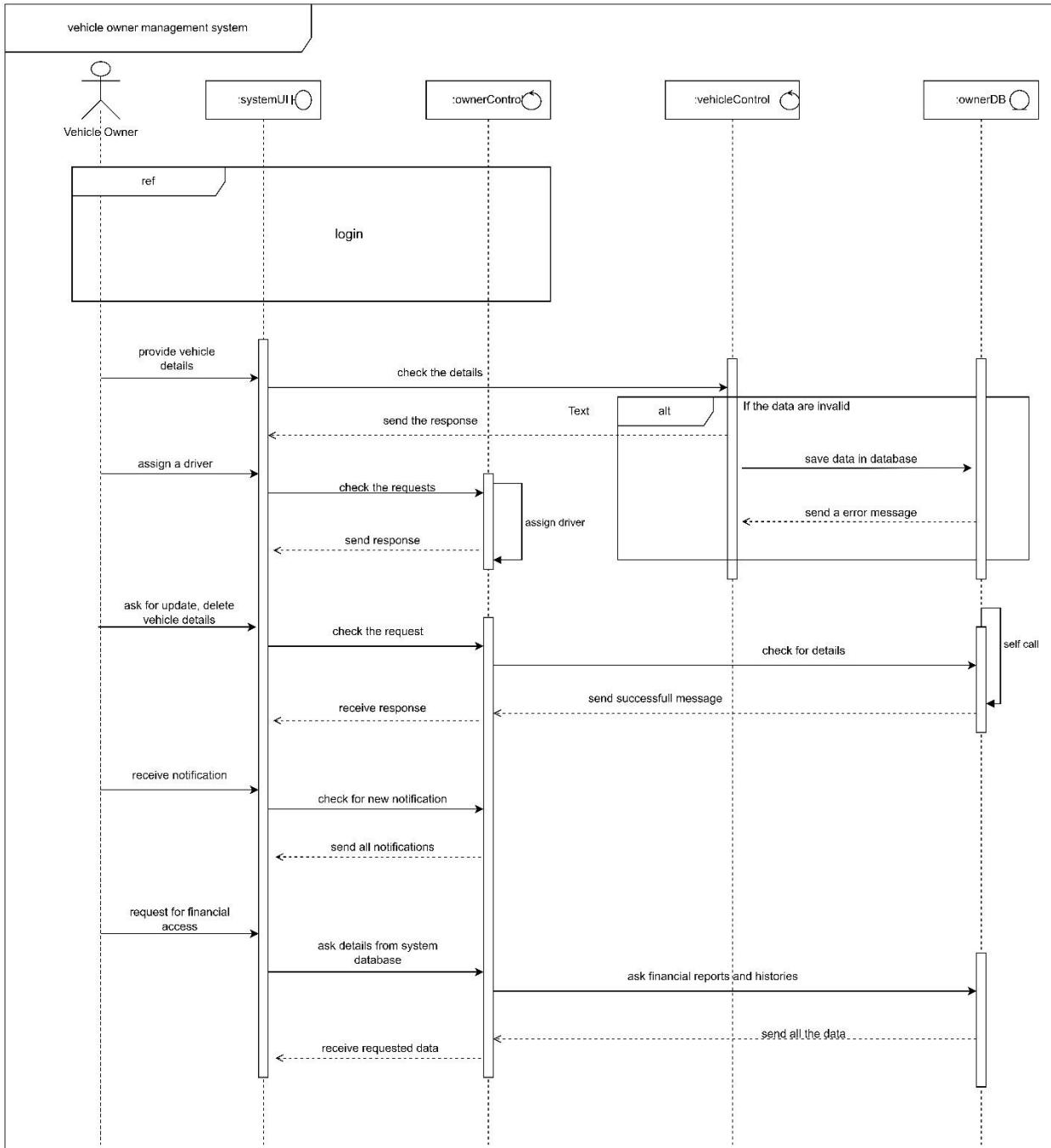
Submit

Vehicle Owner Management

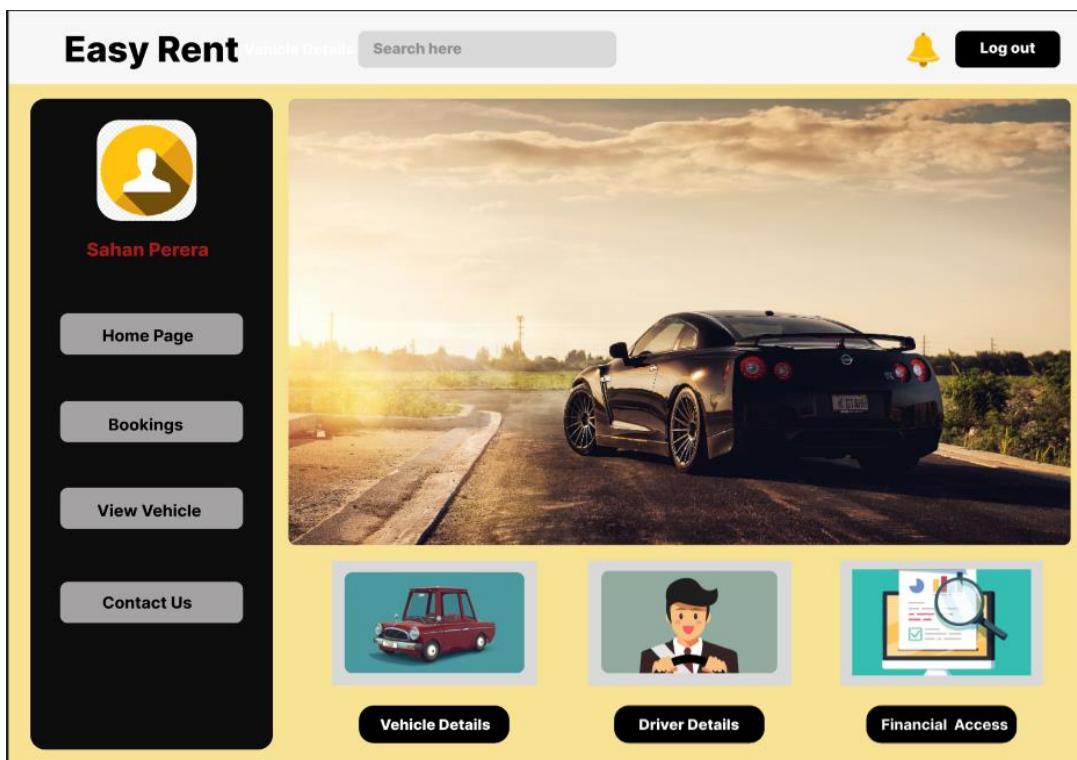
Activity Diagram



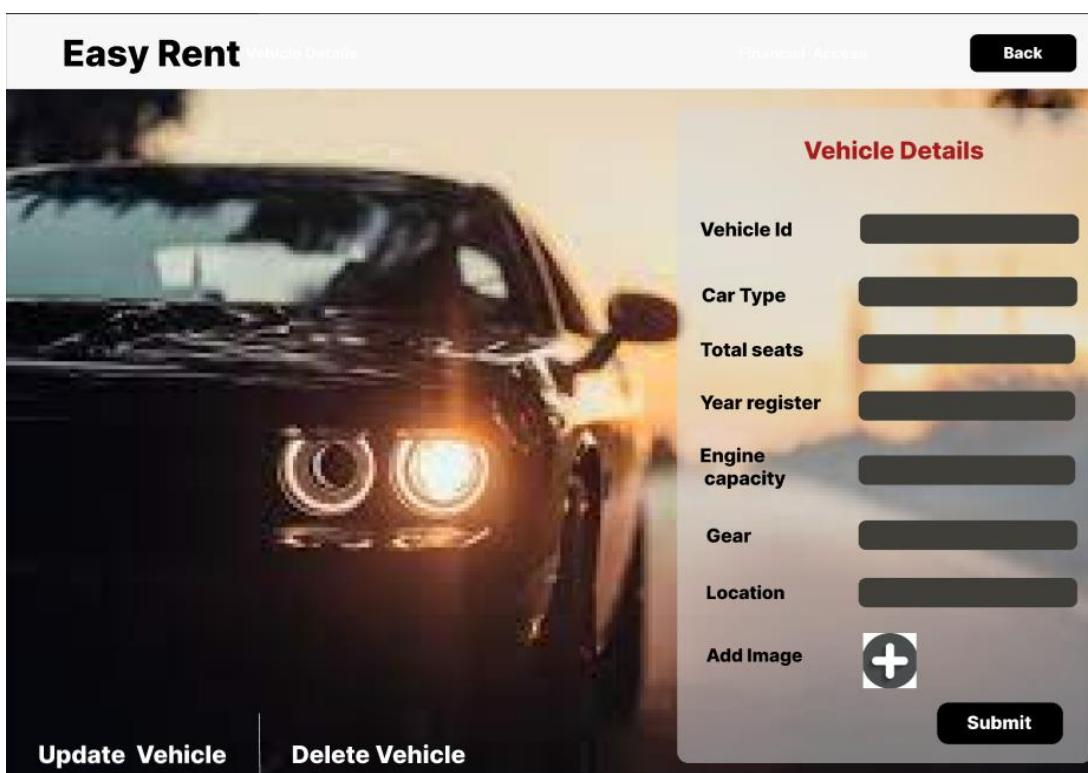
Sequence Diagram



User Interface



The home page of the Easy Rent application. It features a sidebar on the left with a user profile icon and the name "Sahan Perera". Below the profile are four buttons: "Home Page", "Bookings", "View Vehicle", and "Contact Us". The main content area has a large background image of a black sports car on a road at sunset. At the top right are a bell icon and a "Log out" button. Below the main image are three smaller icons: a red car, a driver profile, and a magnifying glass over a document. At the bottom are three buttons: "Vehicle Details", "Driver Details", and "Financial Access".



The "Vehicle Details" page. On the left is a large image of a silver car with its headlights on. On the right is a form titled "Vehicle Details" with fields for "Vehicle Id", "Car Type", "Total seats", "Year register", "Engine capacity", "Gear", and "Location". There is also an "Add Image" button with a plus sign and a "Submit" button. At the top right is a "Back" button. At the bottom are two buttons: "Update Vehicle" and "Delete Vehicle".

Easy Rent



Vehicle Details

Financial Access

Back

Vehicle Details

Vehicle Id

Car Type

Total seats

Year register

Engine capacity

Gear

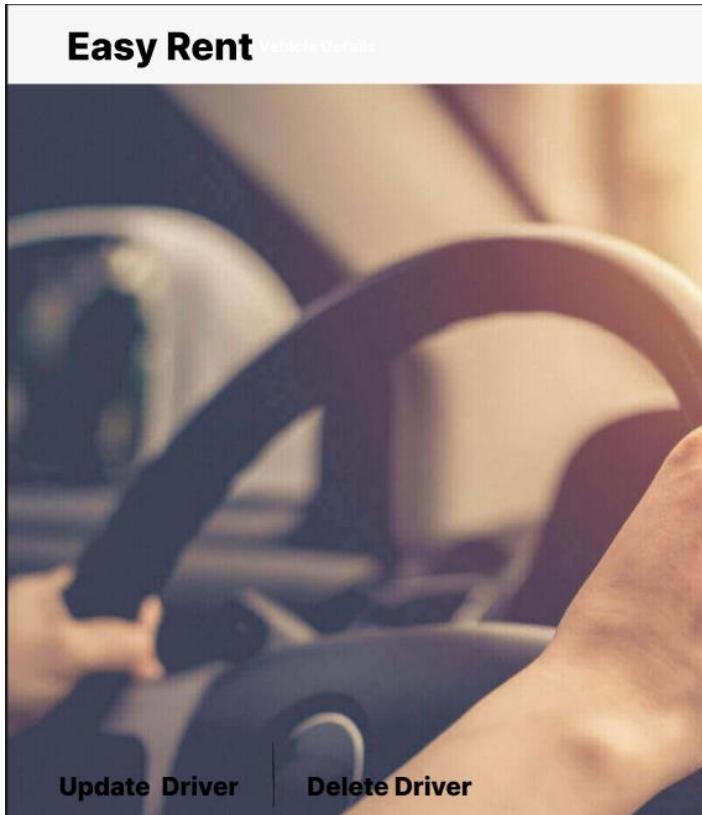
Location

Add Image 

Submit

Update Vehicle | Delete Vehicle

Easy Rent



Vehicle Details

Financial Access

Back

Driver Details

Name

E-mail

Contact No

NIC

Submit

Update Driver | Delete Driver

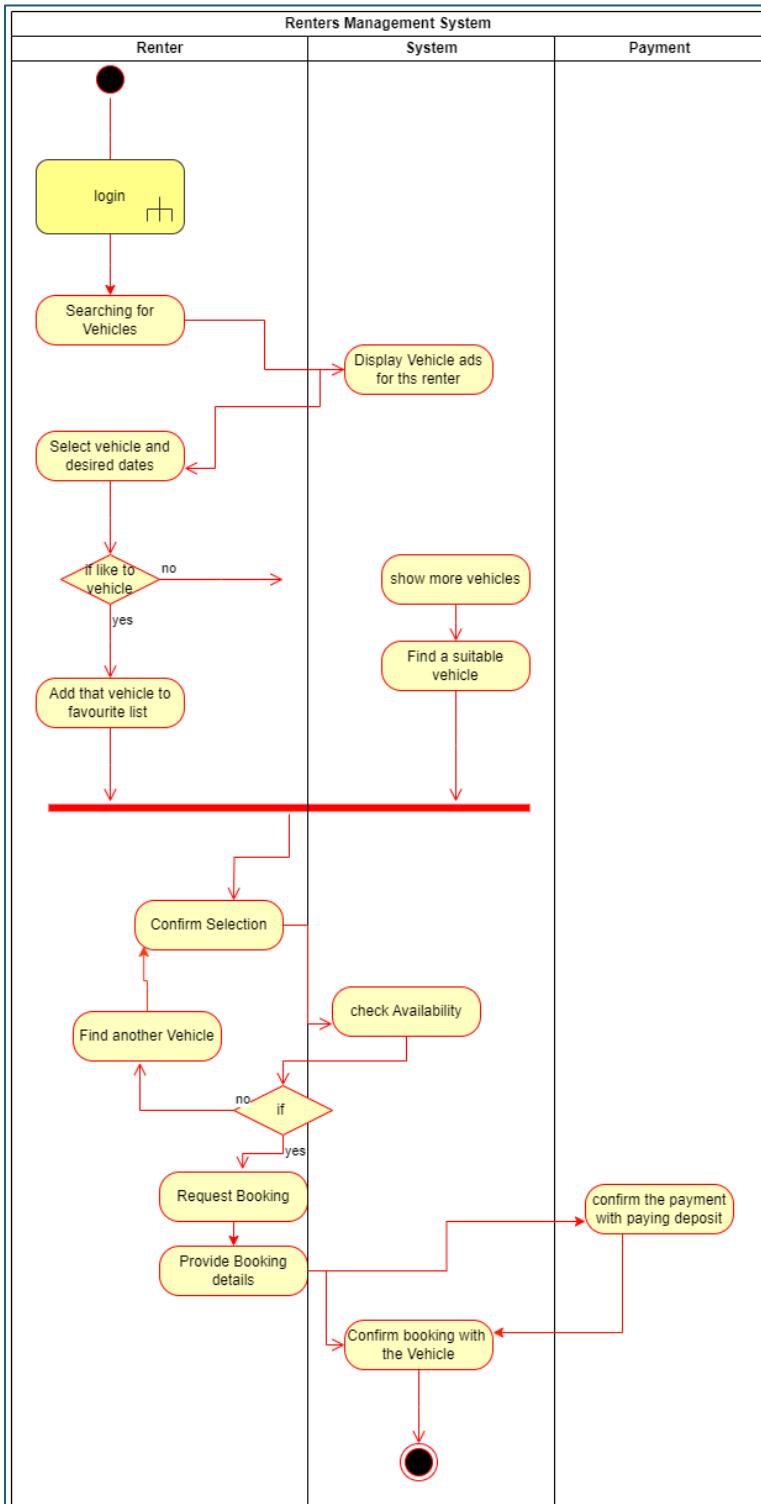
Recent Transactions

- Payment
- Transactions
- Report

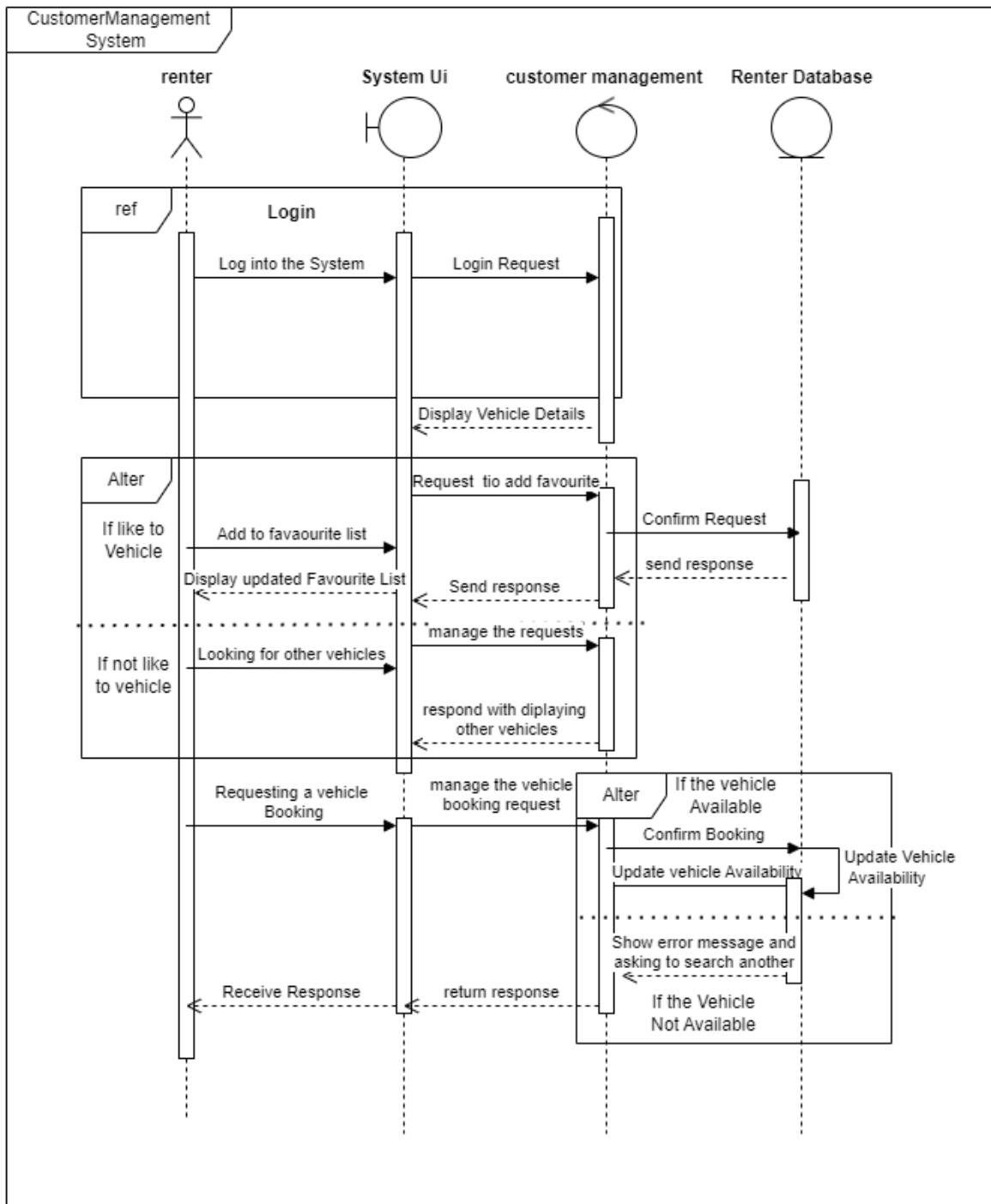
	Amount of fuel	Amount of savings	details
Toyoto Axio NKR 165	15000	5000	
Toyoto Prius C	12000	4500	
Toyoto regias	25000	8500	
Toyoto KDH 200	28000	7000	

Renter Management

Activity Diagram



Sequence Diagram



User Interface

Home Contact us Login

Rent a Vehicle in Sri Lanka



AIM

"To empower individual vehicle owners with limited resources by providing a comprehensive and user-friendly software platform for managing their rental businesses"

Why we are

"On a larger scale, certain vehicle rental companies may indeed rental management systems developed to their operations. However, these systems are typically proprietary and exclusive to the respective company. Third-party involvement in such systems is rare, as they are designed to meet the specific needs and protocols of the rental company itself."

Get Start →

Easy Rent

Search here

Log In

Sign Up

Top Rated Online Vehicle Renting Service

We have designed packages according to your needs

Where You From

Where You Go

Choose dates

Search



Choose Your Vehicle

Popular Vehicles



Nissan Caravan
Rs.9000/Day



Suzuki Swift Jaipur Car
Rs.5000/Day

< >

Vehicles Listing



Nissan Caravan 
Rs.9000/Day

Book Now



Nissan Caravan 
Rs.9000/Day

Book Now



Nissan Caravan 
Rs.9000/Day

Book Now



Nissan Caravan 
Rs.9000/Day

Book Now



Nissan Caravan 
Rs.9000/Day

Book Now



Nissan Caravan 
Rs.9000/Day

Book Now

Easy Rent

Contact us   

Easy Rent

Search here

Log in Sign Up



Nissan Caravan

From 5,670 - 155,000 Unit Price

Specification

100 KM per day	

Features

- ABS
- Air Bags
- Air-condition
- Audio system
- Bluetooth
- car kit
- Central locking
- Electric windows
- Power Steering
- Seat Belts

Pricing info:

Day based pricing :

1 - 6 days	:	7,670 / Day
7 - 14 days	:	7,170 / Day
15 - 19 days	:	6,670 / Day
20 - 28 days	:	5,670 / Day
29 - 30 days	:	155,000 / Day

Dropoff Location

Pickup Date

Dropoff Date

Pickup time

Dropoff time

Book Now

Easy Rent

Contact us



You have (3) Favorite Vehicles ,



Suzuki Swift Jaipur Car
Rs.5000/Day



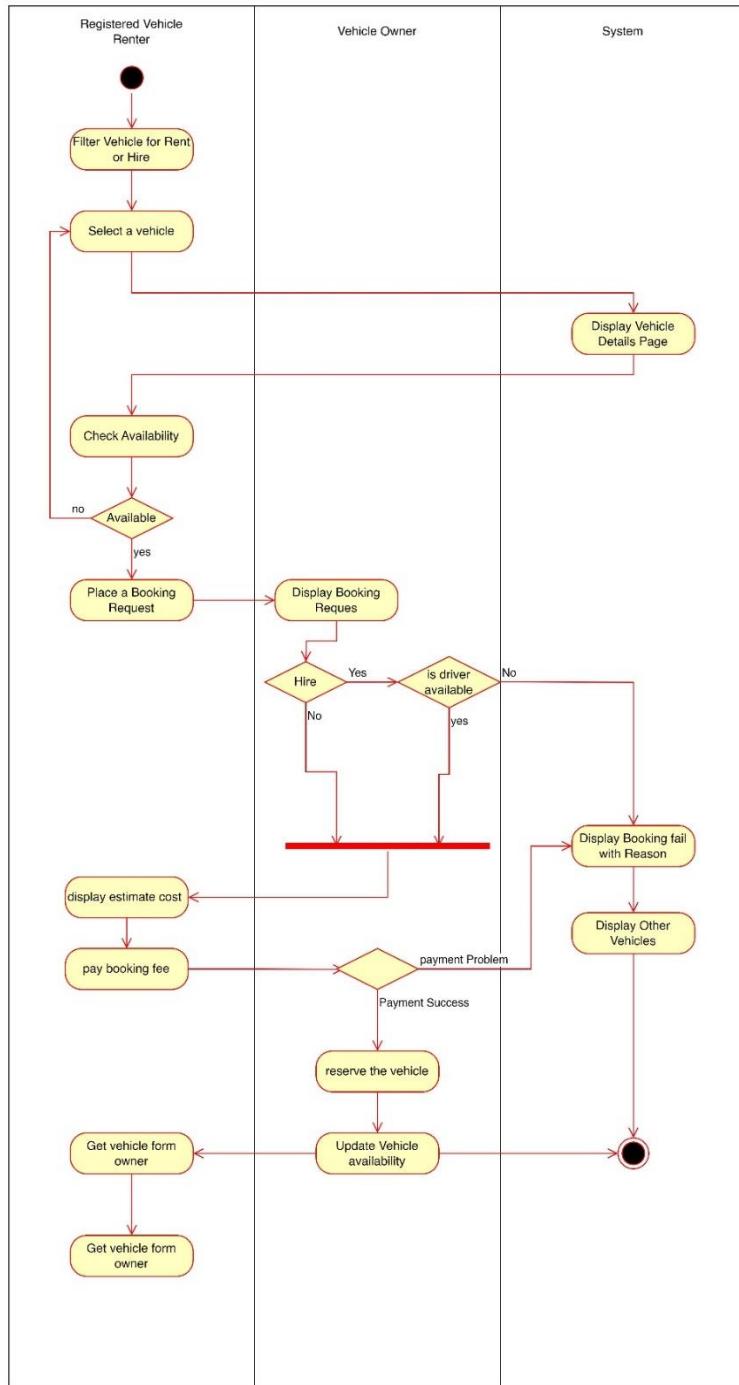
Nissan Caravan
Rs.9000/Day



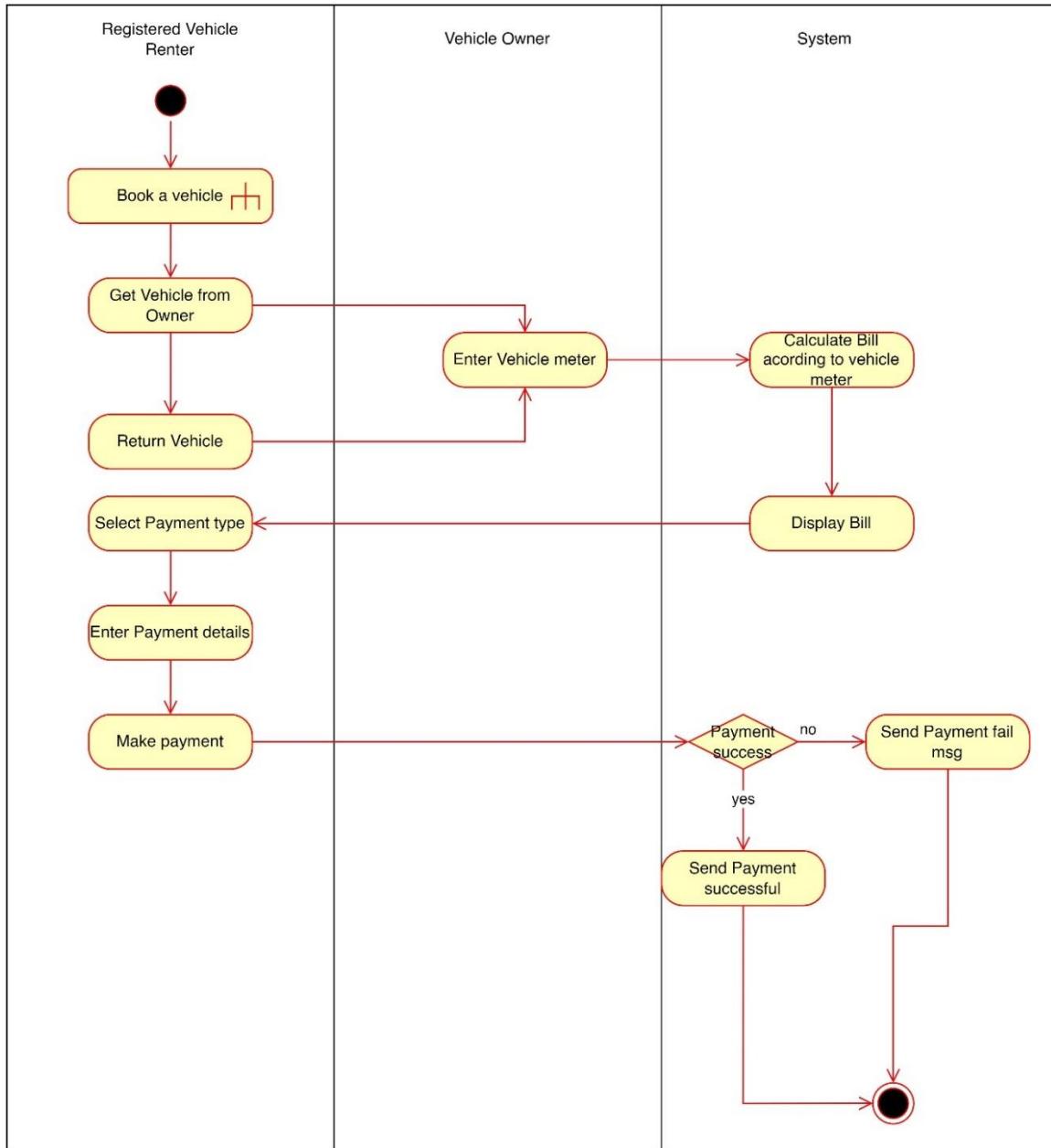
Nissan Caravan
Rs.9000/Day

Booking And Payment Management

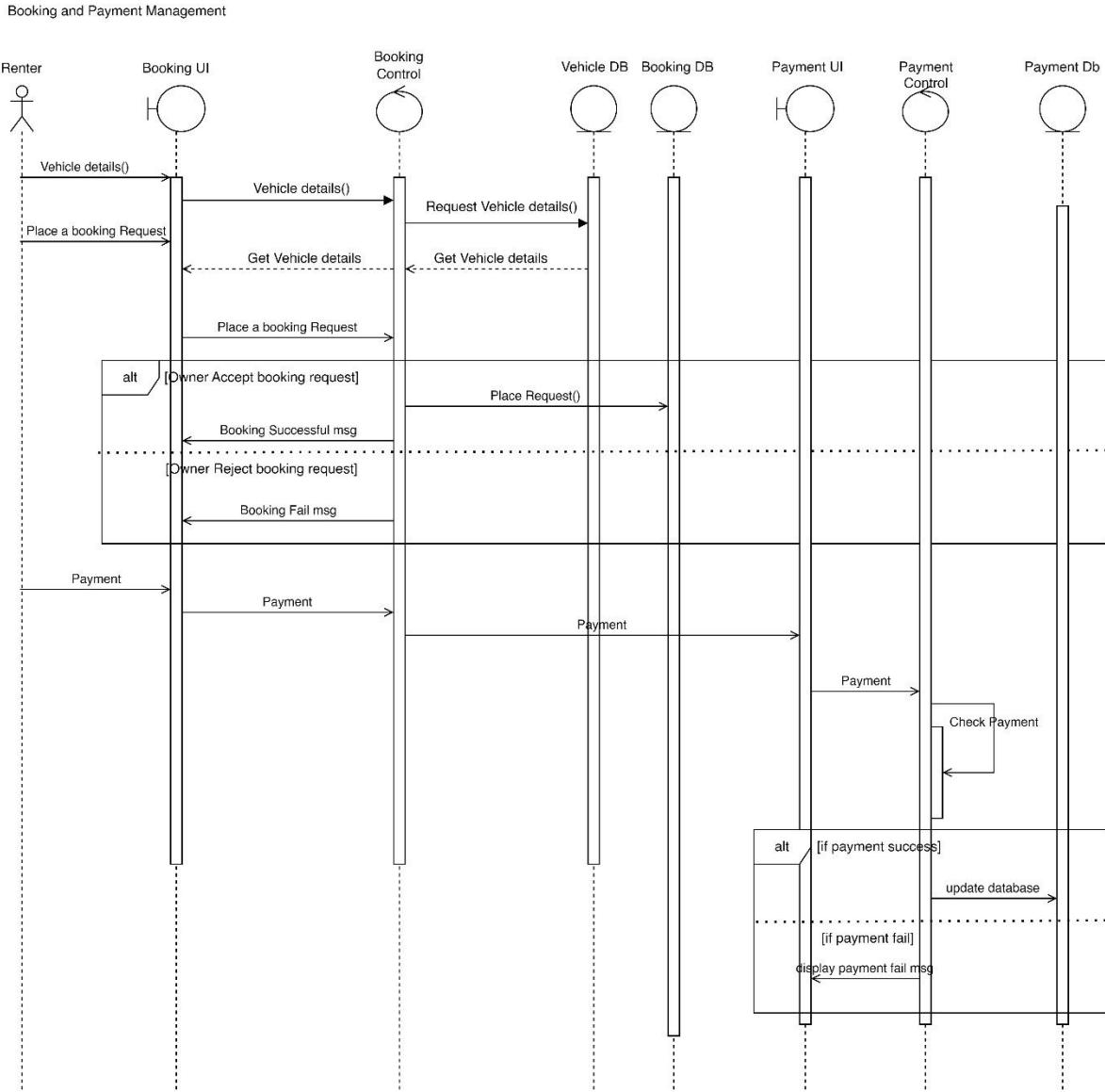
Booking Activity Diagram



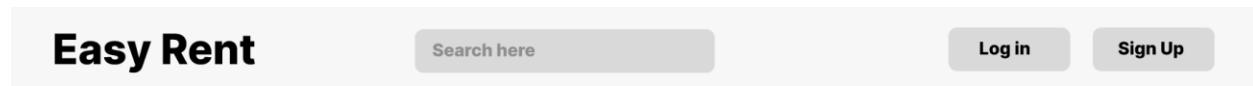
Payment Activity Diagram



Sequence Diagram



User Interface



Check your Booking

Vehicle Details

Vehicle type - Toyota KDH
Price - 8000
Refundable deposit- 30000
Driver - No
Description -
Toyota KDH van For Rent>> long term.
Our vehicles are well-maintained and have a clear background.
Other -
3000Km per month
Rs.40 for extra 1Km

Pick Up Date Pick Up Time Location

2024/3/14 20:34 Matara

Return Date Return Time

2024/3/14 20:34

Place a Booking

Easy Rent

Contact us

Easy Rent

Search here

Log in

Sign Up

Make your Payments

Card Number

123x xxxx xxxx xxxx

Card Holder Name

Nirmal

Expire Date

08/26

CVC

XXX

Total Payment

13000

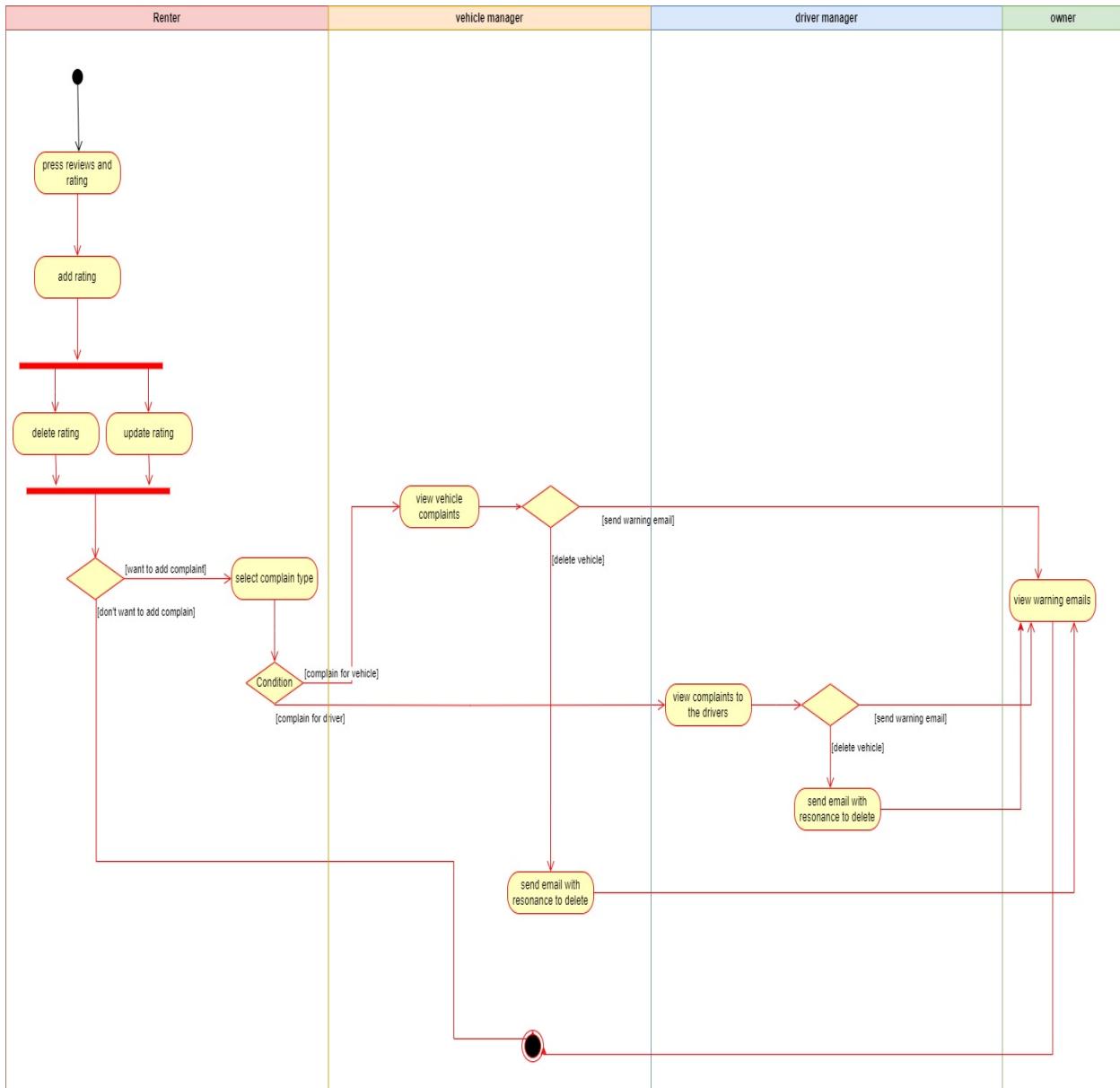
Make Payment

Easy Rent

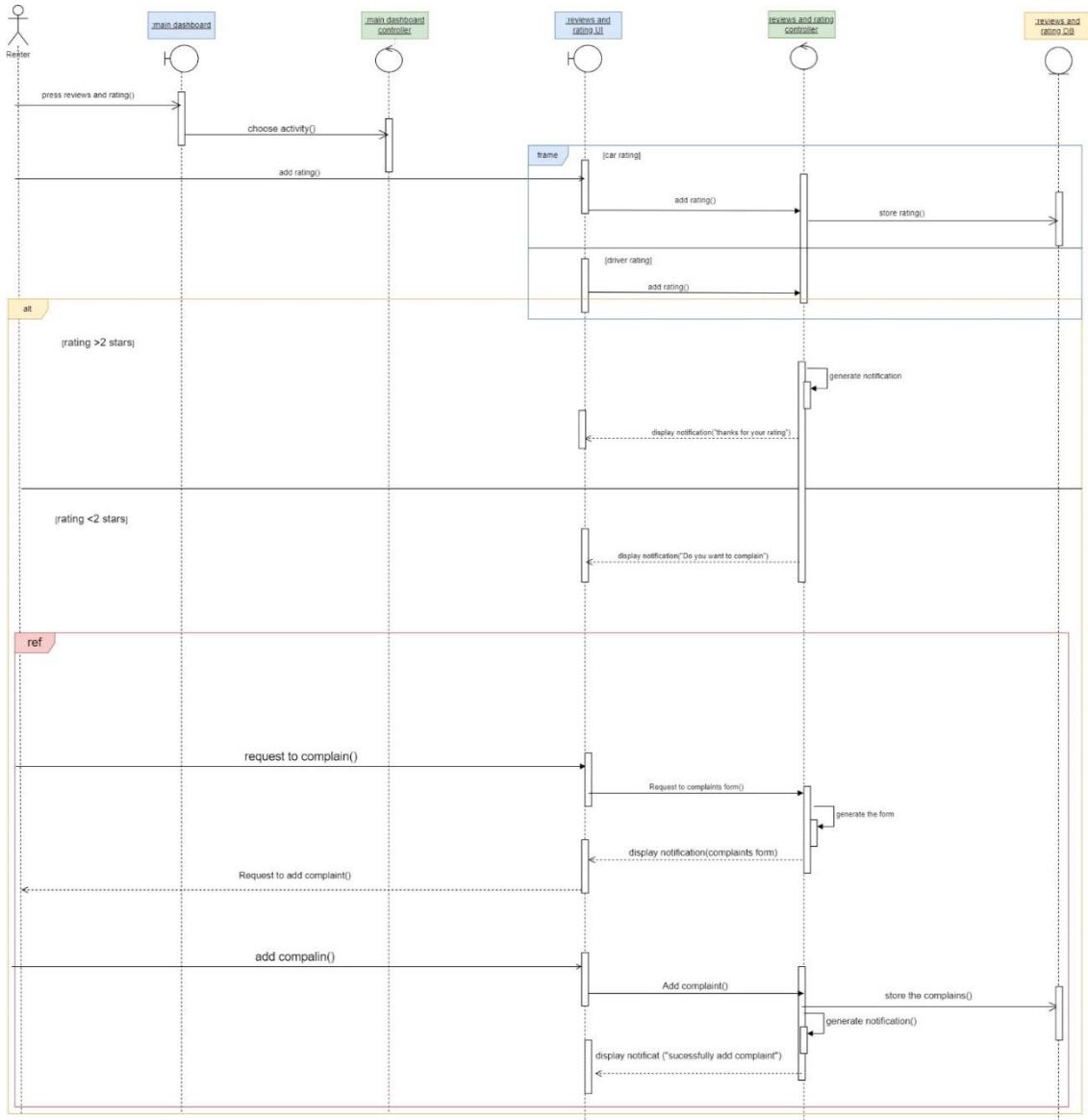
Contact us

Reviews and rating management

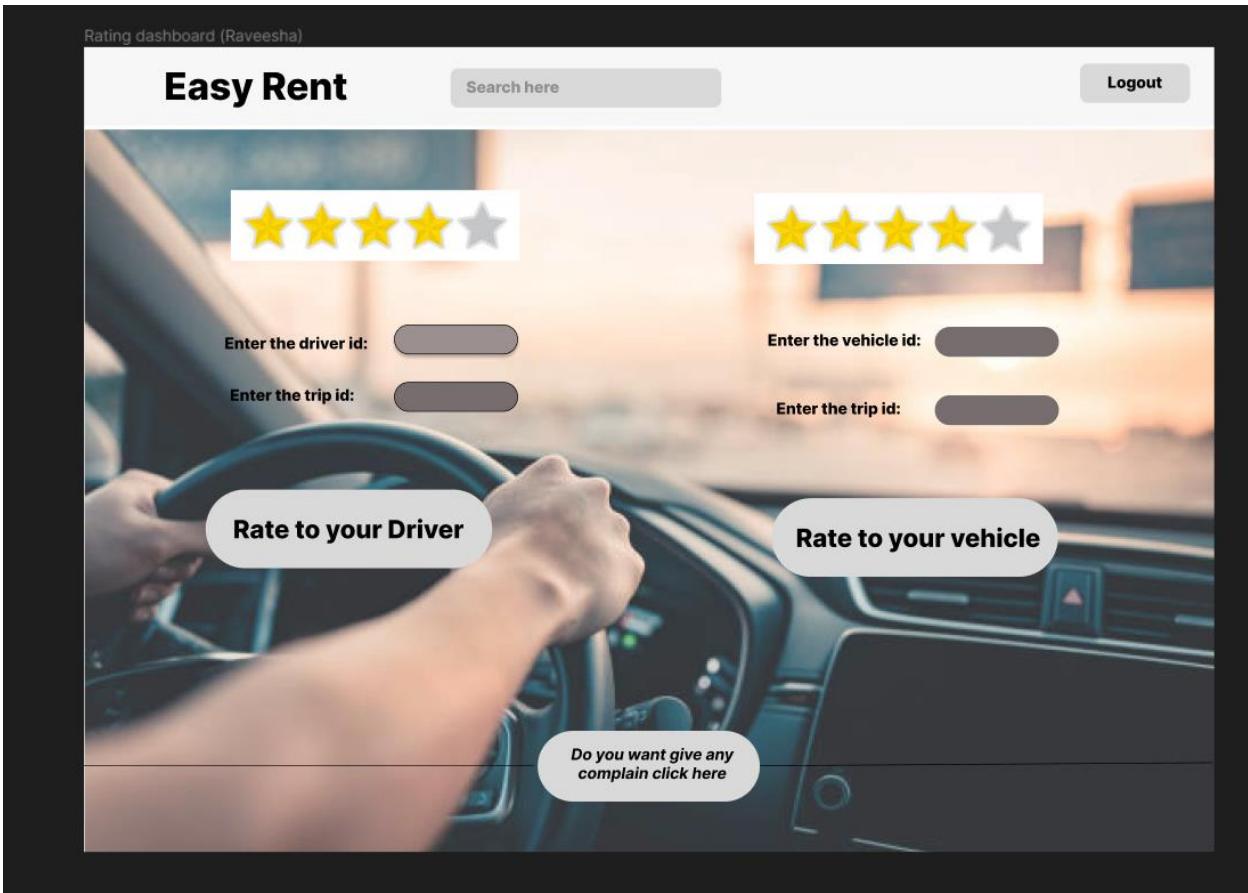
Activity Diagram



Sequence-diagram



User Interface



Easy Rent

Search here

Logout

Give your complaints to us.....



Enter the vehicle :

Enter the Trip Id :

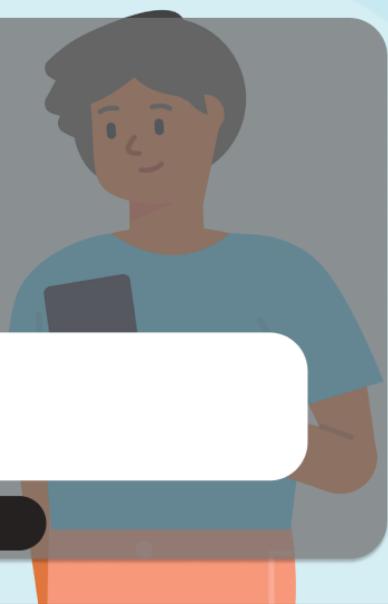
Complaints for :

Driver

Vehicle

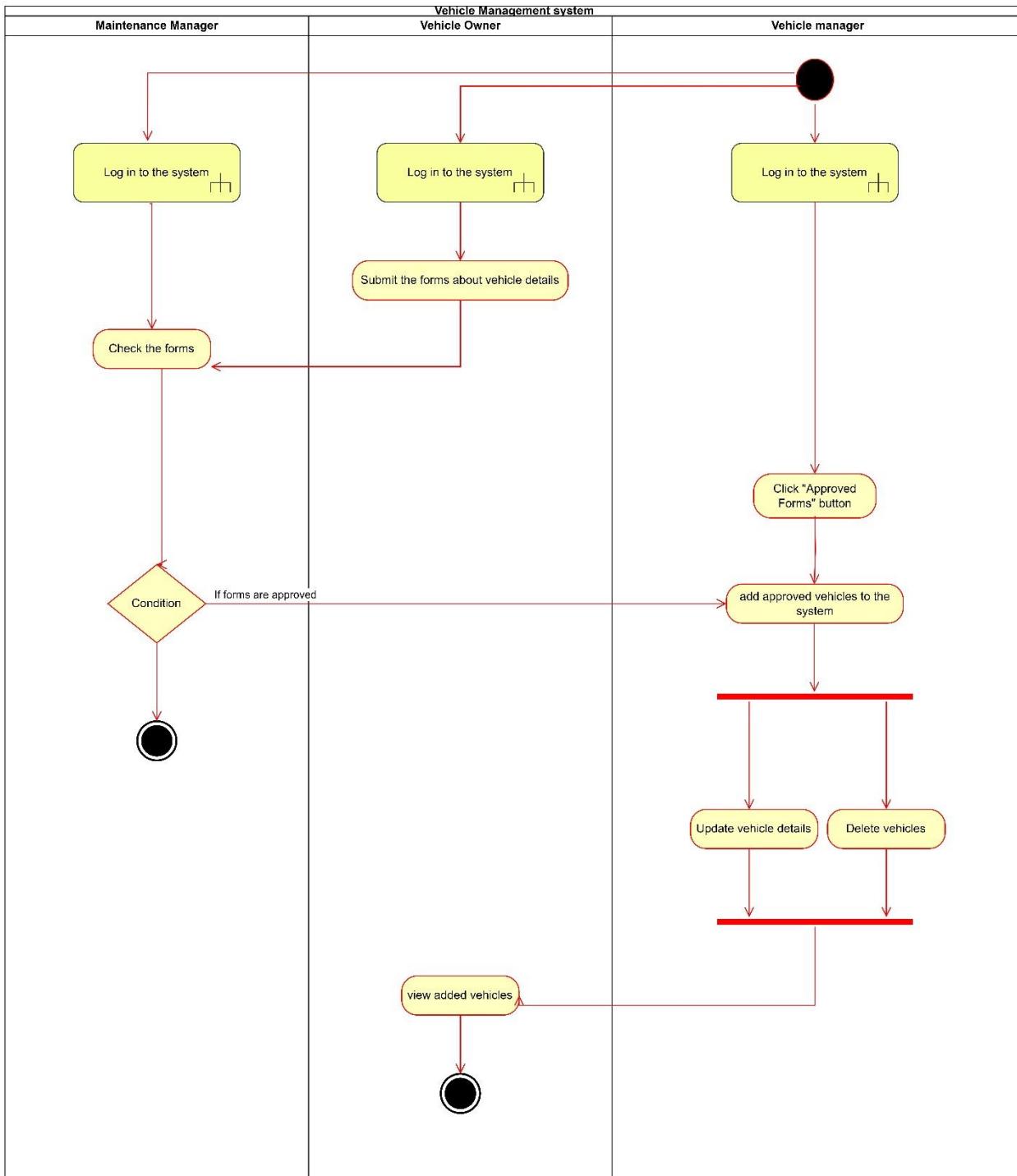
Explain your complaint

Submit

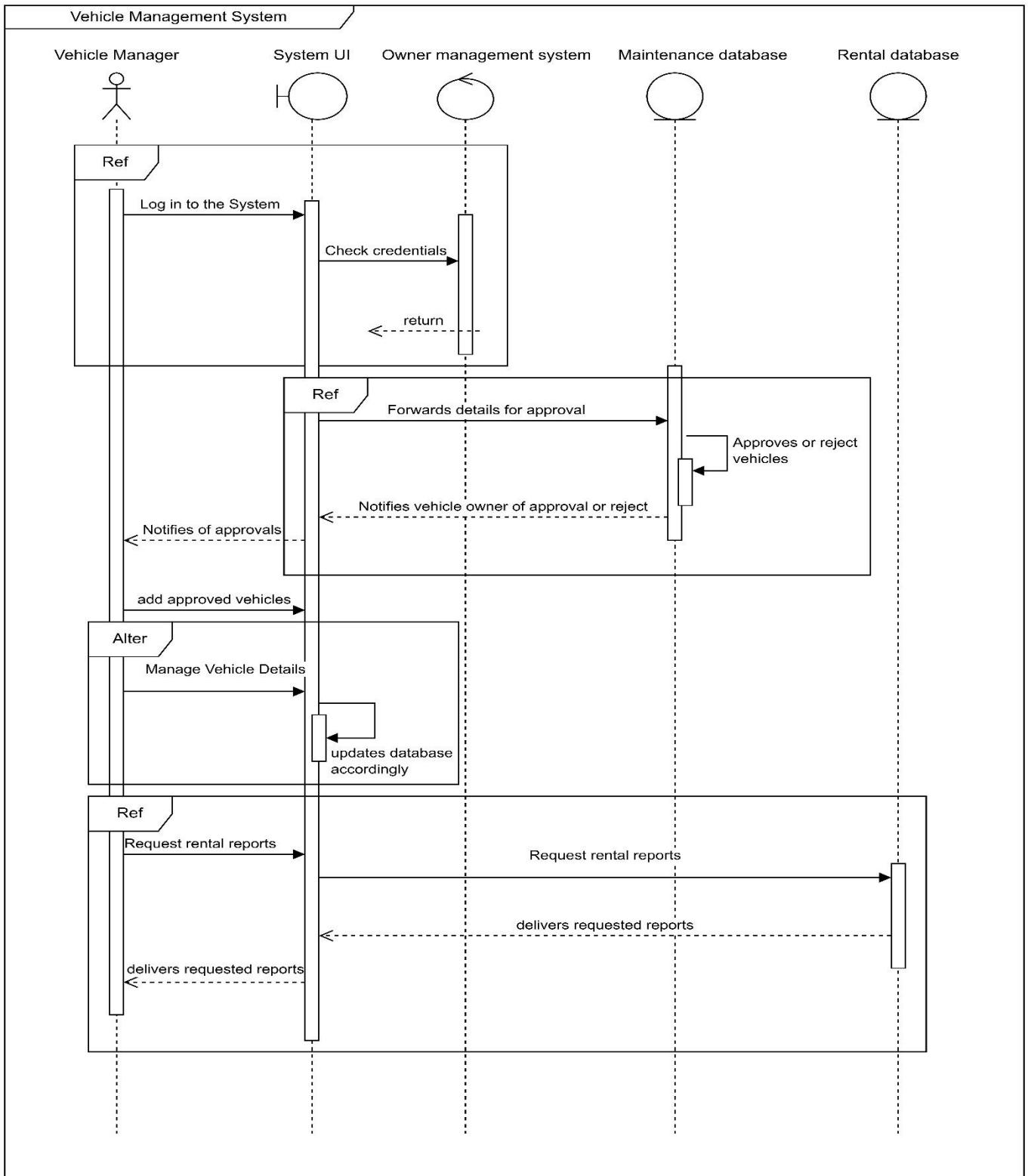


Vehicle Management

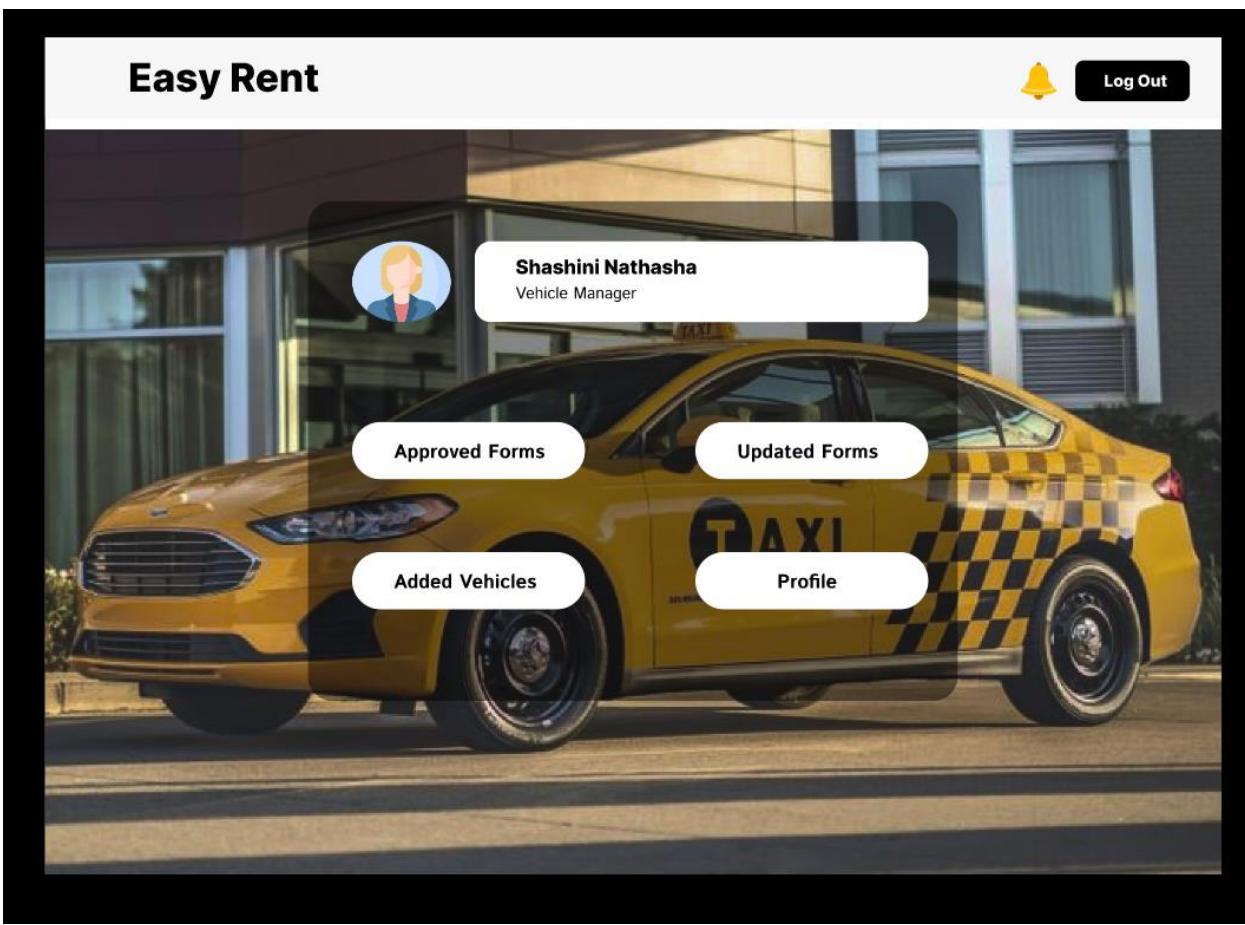
Activity Diagram



Sequence diagram



User Interface



◀ Easy Rent



Log Out

Approved

Vehicle id:345c

- Vehicle details checked.
- Vehicle condition details checked.

ADD

Approved

Vehicle id:234c

- Vehicle details checked.
- Vehicle condition details checked.

ADD

Approved

Vehicle id:346v

- Vehicle details checked.
- Vehicle condition details checked.

ADD

Approved

Vehicle id:546h

- Vehicle details checked.
- Vehicle condition details checked.

ADD

Approved

Vehicle id:345c

- Vehicle details checked.
- Vehicle condition details checked.

ADD



Easy Rent



Toyota KDH 200 SUPER GL

Owner :- Kumara SH
Location:-Gampaha
YOM :- 2006
NO :- 004

Last service date

2023/05/06

Tire Condition

75%

Date

2023/06/07

Engine Oil

Below Low



Low



High

Break Condition

80%

Date

2023/05/07

Last engine repaired date

2023/01/06

Comments

- Vehicle condition checked.
- Vehicle details checked.

ADD

Easy Rent



Updated



Vehicle id:345c

- Vehicle Details updated.

Update

Updated



Vehicle id:234c

- Vehicle details checked.
- Vehicle Number updated.

Update

Updated



Vehicle id:346v

- Vehicle details updated..

Update

Updated



Vehicle id:546h

- Vehicle details Updated.

Update

Updated



Vehicle id:345c

- Vehicle details checked.
- Details updated..

Update



Easy Rent



Toyota Axio NKR 165
Owner :- Jayathilaka JARK
Location:- Colombo 9
YOM :- 2014
NO :- 001



Toyota Prius C / Aqua - Auto
Owner :- Wijerathna KADP
Location:- Alawwa
YOM :- 2006
NO :- 002



Toyota Regius - Petrol Grade II
Owner :- Sugathapala JMR
Location:- Narammala
YOM :- 2017
NO :- 003



Toyota KDH 200 SUPER GL
Owner :- Kumara SH
Location:- Gampaha
YOM :- 2006
NO :- 004



Toyota Hiace LH61 1989 Van
Owner :- Narada Jayasinghe
Location:- Makola
YOM :- 1989
NO :- 005



Suzuki Wagon R Stingray J Style
Owner :- Gnanapala KDS
Location:- Kadawatha
YOM :- 2014
NO :- 006



Easy Rent



KDH Van for rent

Posted on 14 Mar 2:23pm, Imbulgoda, Gampaha



Rs 10,000

Service type: Rent a Car

Description

- Available in short & long term
- Minimum 7 days
- Deposit required
- Full option KDH 200 dark prime

Toyota KDH 200 SUPER GL

Owner :- Kumara SH
Location:-Gampaha
YOM :- 2006
NO :- 004

Last service date

2023/05/06

Tire Condition

75%

Date

2023/06/07

Engine Oil Below Low



Low



High



Break Condition

80%

Date

2023/05/07

Last engine repaired date

2023/01/06

Comments

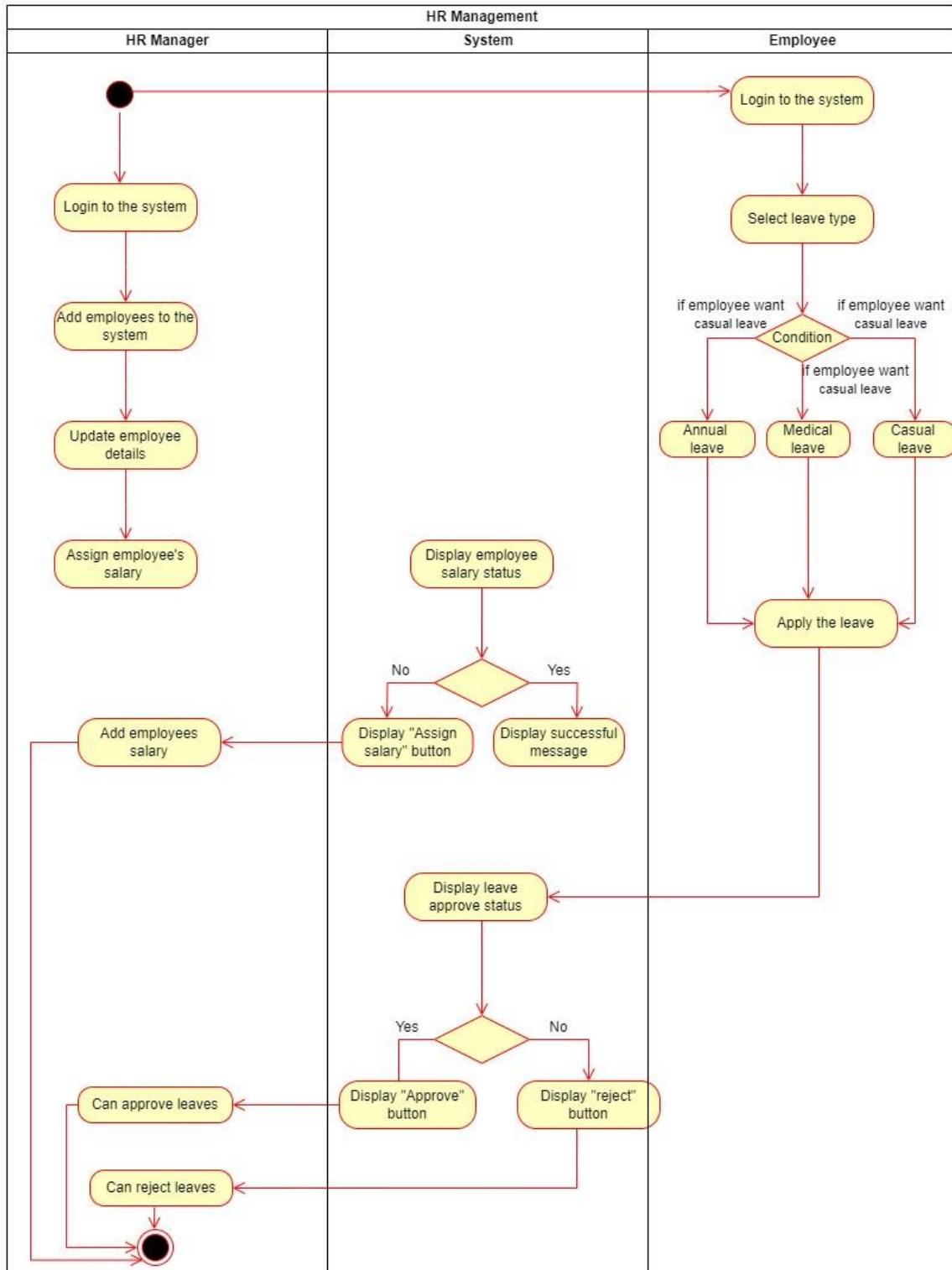
- Vehicle condition checked.
- Vehicle details checked.

Delete

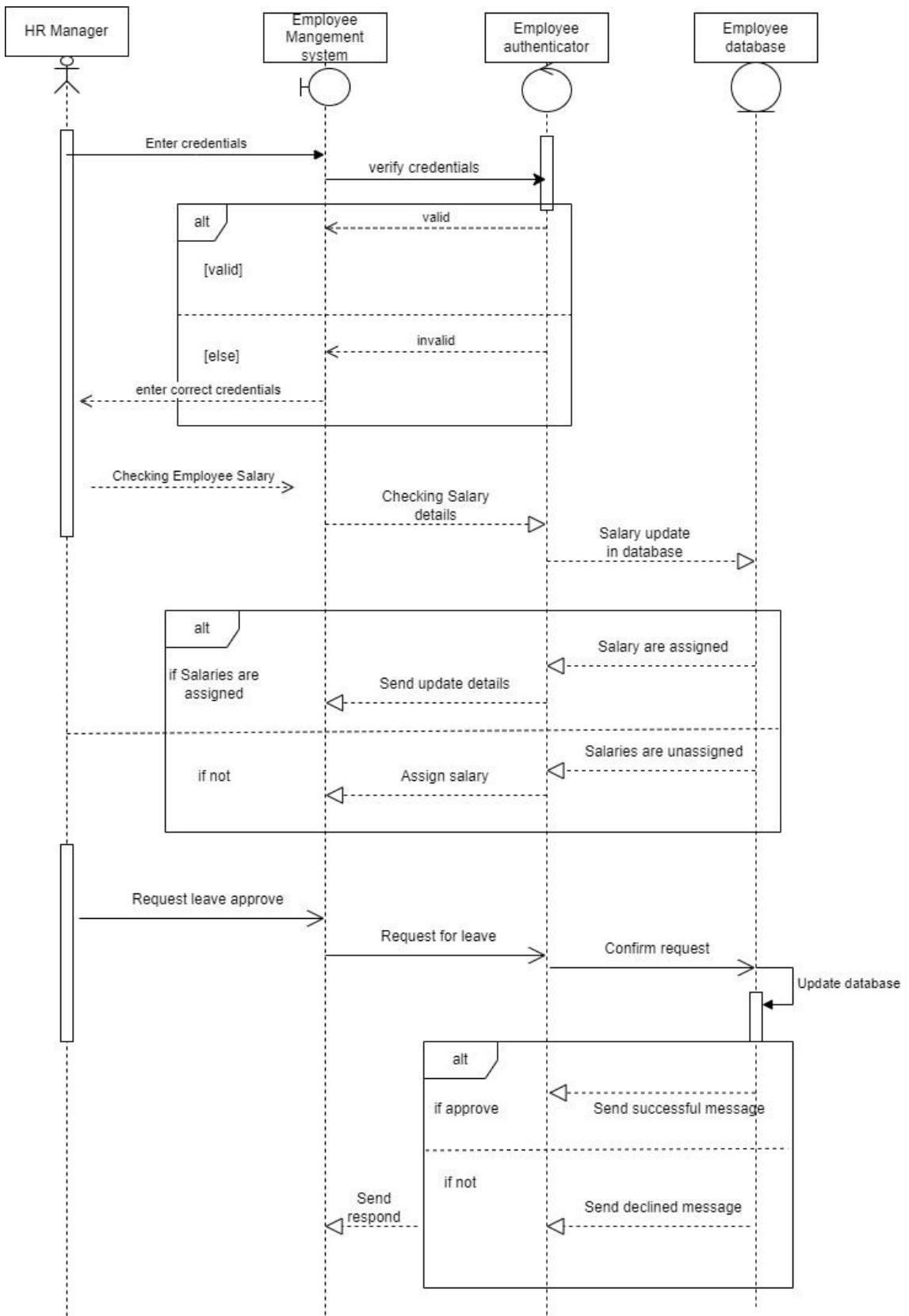
Update

HR Management

Activity Diagram



Sequence Diagram



User Interface

The screenshot shows a web-based application interface for managing employee leave requests. At the top, there is a header bar with the logo "Easy Rent" on the left, a search bar labeled "Search here" in the center, and two buttons, "Log in" and "Sign Up", on the right. Below the header, a large, semi-transparent background image depicts a person's hands holding a pen over a document, possibly a ledger or a form, with some red markings. Overlaid on this background is a white rounded rectangle containing the title "Employee Leaves". Below this title is a table with a light gray header row and several data rows. The header row contains six columns with the following labels: "Employee ID", "Name", "Leave Type", "Leave From", "Leave To", and "Action". The "Action" column is distinguished by a blue rectangular border around its input field. The data rows consist of five rows of gray rectangles, each corresponding to a single row of data in the table.

Employee ID	Name	Leave Type	Leave From	Leave To	Action
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]

Employee Salary Assignment

First Name

Employee ID

Select month

Basic Salary

OT Hours

OT Rates

Bonus

Total salary

Cancel

Submit

Easy Rent

Search here

Log in

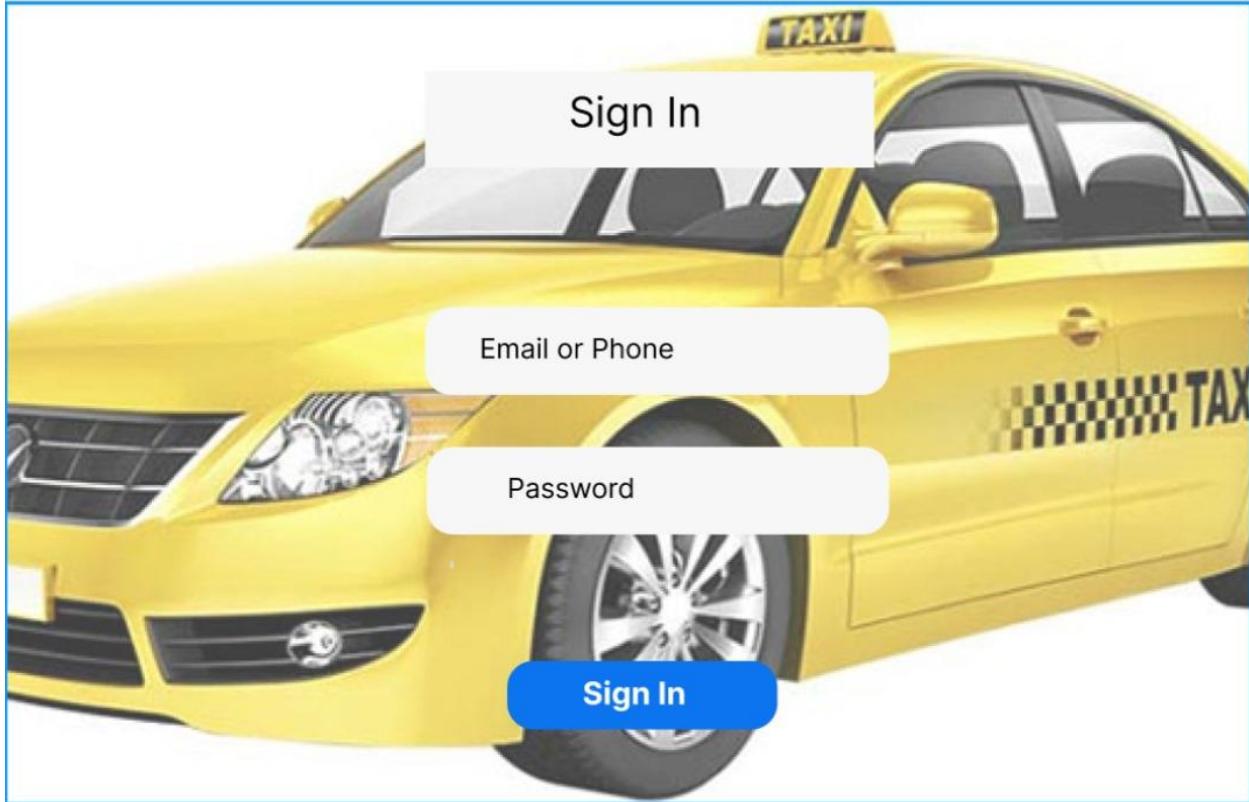
Sign Up

Sign In

Email or Phone

Password

Sign In



HR Employee(vidumini)

Easy Rent

Search here

Log in Sign Up

Chandrasekara
HR Manager

Dashboard

Employee

Payroll

Leave

Profile

Employee Registration

First Name

Last Name

NIC

Roll

DOB

Gender

Contact no

Email

Male Female

Reset

Submit

This screenshot shows the 'Employee Registration' form within the 'Easy Rent' application. The form includes fields for First Name, Last Name, NIC (highlighted with a blue border), Roll (dropdown menu), DOB (MM/DD/YYYY), Gender (radio buttons for Male and Female), Contact no, and Email. Navigation links on the left include Dashboard, Employee, Payroll, Leave, and Profile. The top right features a search bar, 'Log in', and 'Sign Up' buttons. A header at the top indicates the user is an HR employee named 'vidumini'. The background of the main content area shows a blurred image of a car's interior.

HR dashboard(vidumini)

Easy Rent

Search here

Log in Sign Up

Chandrasekara
HR Manager

Dashboard Employee Payroll Leave Profile

Total Employee Active Employee On leave Job Applied

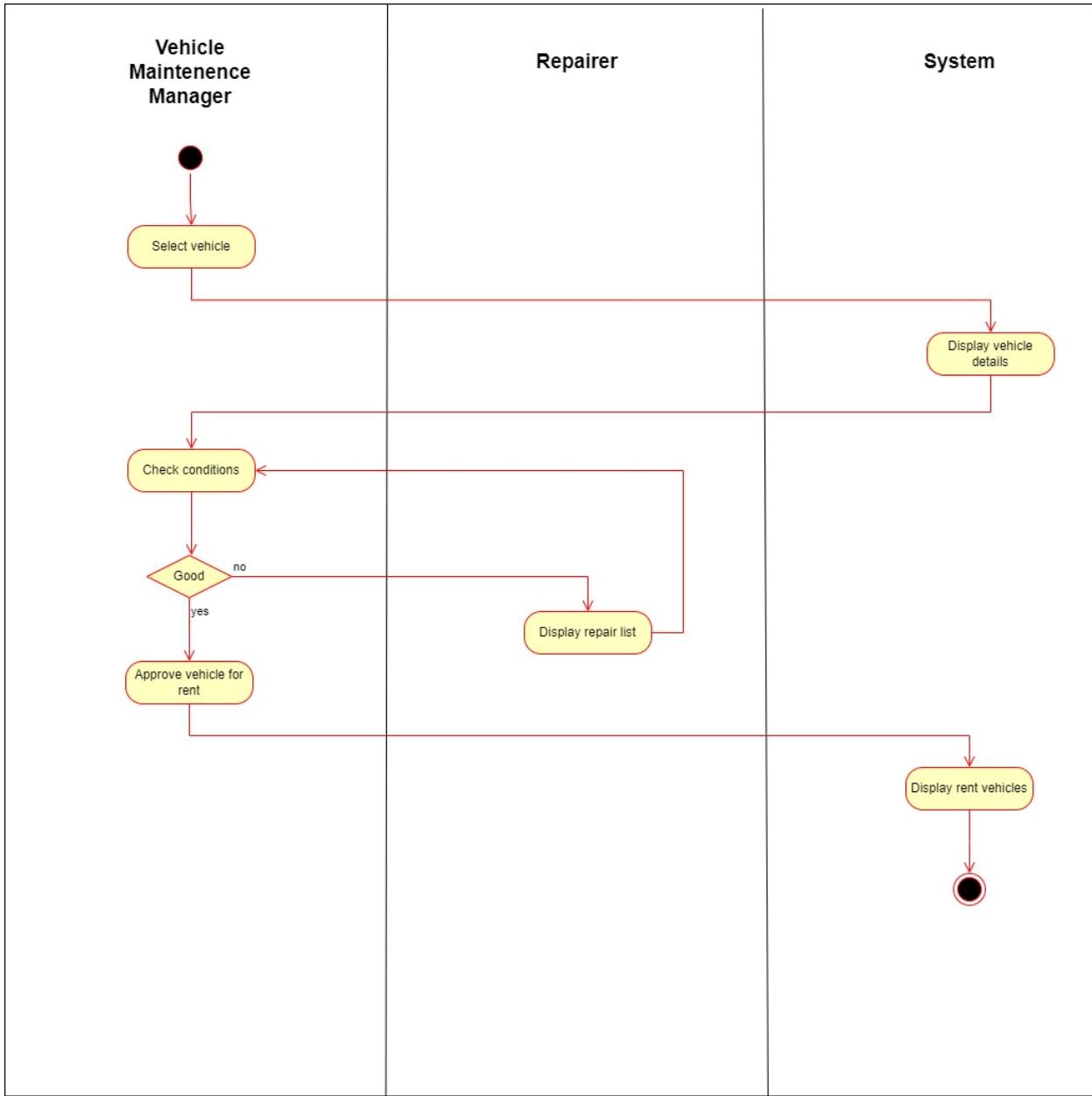
Search Employee

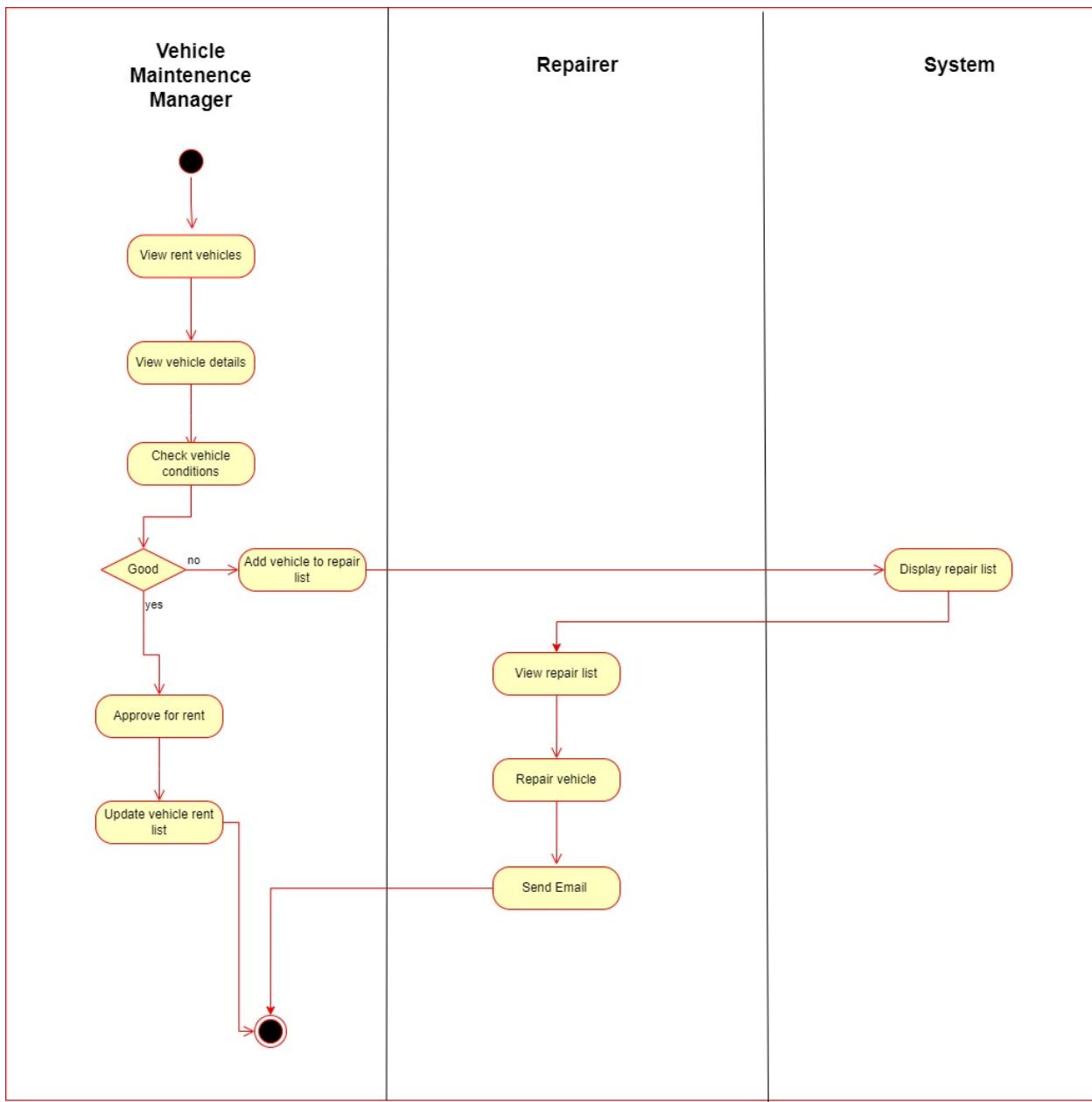
Employee Name	Status	Age	Discipline

The dashboard includes a sidebar with a user profile for 'Chandrasekara' (HR Manager) and links for Dashboard, Employee, Payroll, Leave, and Profile. The main content area features four cards: 'Total Employee' (with a person icon), 'Active Employee' (with a person icon), 'On leave' (with a person icon), and 'Job Applied' (with a document icon). Below these cards is a search bar labeled 'Search Employee'. At the bottom is a table with columns for Employee Name, Status, Age, and Discipline, containing three rows of placeholder icons.

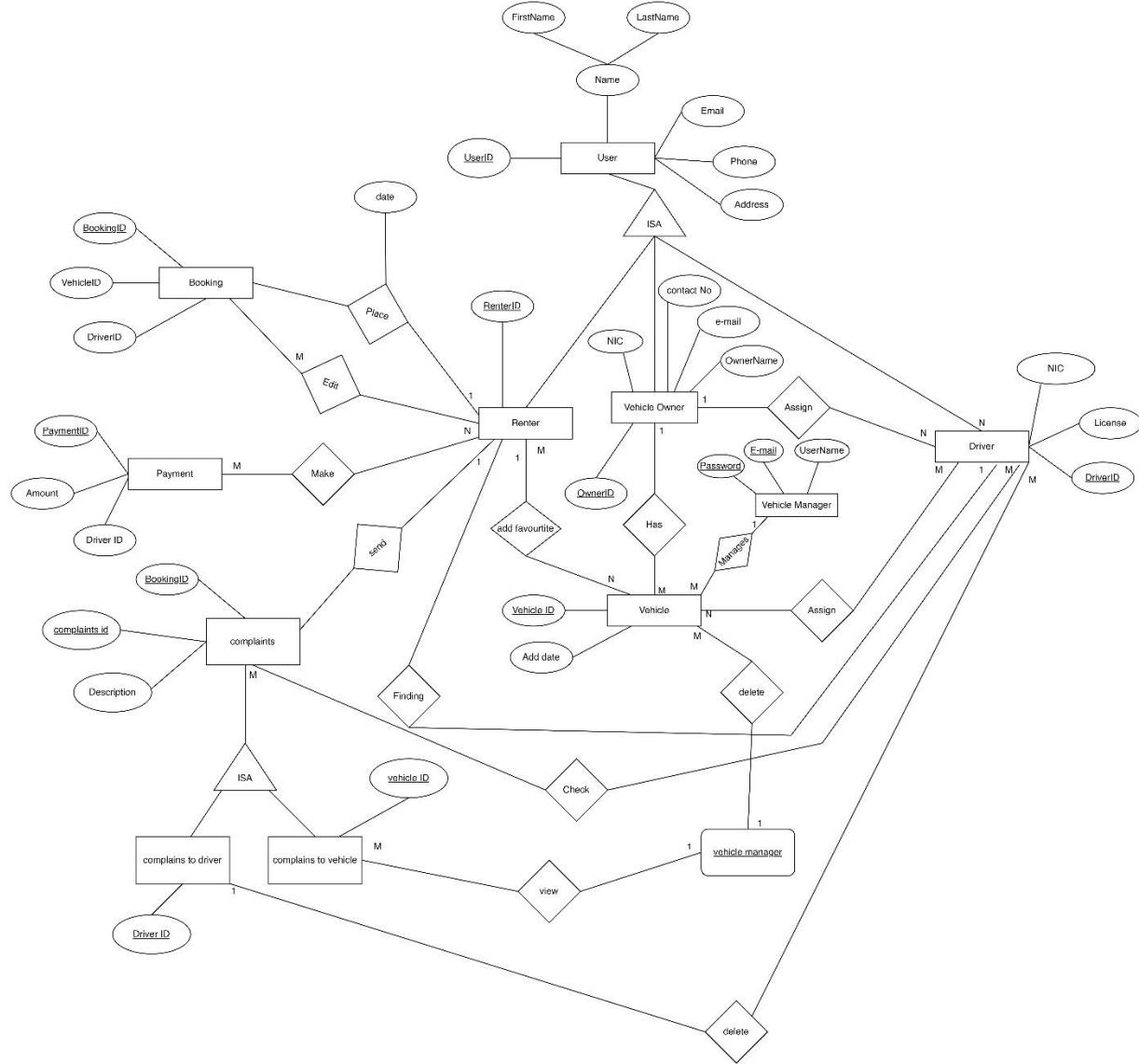
System Maintenance

Activity Diagram





System ER Diagram



System Class Diagram

