

Abstract

This is the final project report of development of Cab Service Management System of Nimrene(pvt) Ltd-COMRO CABS at Piliyandala, Sri Lanka.

This document describes the final outcome of the software solution due to present manual system in COMRO CABS and key benefits which could be gained of this project

Currently they use a paper based manual system for handling day today activities in the COMRO CABS. It is noted that they have to face to many difficulties using current system such as maintaining all the employee details, vehicle details, customer details, vehicle reservation details, financial details manually etc. Maintaining all the employee details, vehicle details, customer details, vehicle reservation details, finance details, incident details and package details are necessary tasks in the Cab Service Management System of Nimrene (pvt) Ltd-COMRO CABS. Therefore, the manager and the receptionist are needed to be handling these very carefully. They have to maintain number of reports manually and it is very difficult and time-consuming task. When doing census, the manager and the operators have to stop their other tasks temporarily for the certain time period. Because of that both customers of the cab service and employees of the cab service have to face to many difficulties. It is founded that the all these problems are occurred due to the manual system.

Due to the above-mentioned problems, the owner and the management of the cab service wish to have a software solution for their problems as well as interactive web site. So our team decided to come up with a software solution (with a web based application) to minimize the human errors and increase their efficiency of their day today activities of the cab service.

The cab service management system will be supposed to solve all the current problems of the cab service and it will full fill all the requirements of the owner and the cab service management. This will speed up all works of the cab service staff. System will automatically calculate salaries of the employees, payment calculations of the customers and bill calculations of the cab service. There are many types of reports to summarize the all the work in very accurate manner. This

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system is rich with many functions such as Email, and SMS notification in addition to cab service requirements.

Customers of the cab service can use web application to do their registration purposes and reservation purposes from home and other can use it to get information about the cab service.

All the system data stored in a centralize database which can be securely accessed by both desktop application and web application. We adopted Modern GUI technology (using plugging Bunifu).

We hope this application will be a big benefit for Nimrene(pvt) Ltd-COMRO CABS and will provide better and flexible environment to handle daily activities in the cab service.

Acknowledgement

We would like to get this opportunity to thank all who guide, encouraged and assisted us to make our project success.

We especially thankful to our supervisor, who always guide and encourage us to complete our project successfully. We also thank to our lecturers of SLIIT and all others who helped us in many different ways by giving their valuable guidance, kind co-operation, and encouragement.

We are thankful to Mr. Chandana Dissanayaka, the owner of the Nimrene(pvt) Ltd-COMRO CABS and staff of the Nimrene(pvt) Ltd-COMRO CABS who offer their valuable time to give us sufficient information to develop this system.

Finally, we offer our heart full thank to our group members who dedicate their valuable time and effort, parents who provide accommodation facilities and all other facilities what we want, other friends and several others who help us in many different ways.

Declaration

We declare this project report or part of it was not a copy of a document done by any university, any organization, any other institute or a previous student project group at SLIIT and was not copied from the Internet or other sources.

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Project ID	ITP-MLB-B4-01

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List of Acronyms and Abbreviations

1. SLIIT – Sri Lanka Institute of Information Technology
2. GUI – Graphical User Interface
3. PVT–Private
4. LTD–Limited

1. Introduction

1.1 Problem Statement

At present, COMRO Cabs uses manual file based system. Due to this they have noticed that it causes many problems and mistakes. Owner of this company is expecting to use a computerized cab service system to handle all these stuffs efficiently.

- More mistakes
- Time consuming
- Lot of paper works
- Difficulties in managing number of shifts and turns at once
- Inefficient response
- Insecure storage system
- Huge storage capacity
- Low security
- Delay response,

Are some problems they pointed to us.

Main reason for these problems is due to using ordinary manual file based management system. Therefore, our team's goal was to overcome all these problems and to make efficient and good software product which gives solutions for every problem stated above.

1.2 Product Scope

Developed Cab Service System is a better solution for the above mentioned problems. It facilitates many services for employees, customers of this cab service company. Such as manage employee details, manage customer details, manage reservation details, manage day today shifts and turns, report generation, managing vehicle details, managing package details, managing employee vacancies, sending SMS and emails and many other facilities. The system contains the following features,

- The developed system is a desktop application but it facilitates to manage details whenever customer login to their web site, by sending notification to operators. So it is easy to customers to requesting services.
- This system is developed to make it easy to the owner, to all the employees and customers.
- Many actions are taken to increase the security of this system. Such as some action can handle only by the owner, while employees are prohibited to accessing them. Every user has unique username and password. And also different user levels backup generation and log generation are there.
- The system contains several search options in section wise to find any detail even with related images using the proper keywords according to that section.
- The system contains notification which uses email, SMS and upcoming reservation alerts and to notify customers,
- And also this system manages vehicles as well. Notify users to service related vehicle, check condition, refuel, etc.
- This desktop Application facilitates the operators to create the technical reports of the system.
- This product provides (24x7 Service) services to customers with online requests.
- The system provides login facility to customers via the web application and request their services. At the same time operator get a notification of new requests.

- The system allows the owner and the operator to add customers, update the customer details when necessary situations, remove customers and only the owner can get backups.
- System calculates the employee salaries, customer payments, vehicle servicing bills and supplier bills.

1.3 Project Report Structure

This document is prepared by using Microsoft Word. Throughout the document “Times New Roman” font is used with a fixed size of 12pt and 1.5 line spacing. Headings are set to “Bold” property. All the diagrams are prepared according to UML 2.0 standards. Standard IEEE defined template is used for the preparation of the document. The document describes the problem specification, product scope, status and description of product, requirement analysis and design information, testing carried out, goals succeeded and future work. Important diagrams, special algorithms and coding are included as well.

2. Methodology

2.1 Requirements and Analysis

Gathering information regarding the CAB Service Management System for “Nimrene (Private) Limited – COMRO Cabs” project was done by interview with the people who involved the system in different ways, collect facts by background reading and review previous records.

Background Reading:

We gathered information in form of organizational chart that we looked over vehicle turns, customer records, vehicle records, maintain files and studied the procedure.

Interviewing:

We gathered most of information by interviewing with the people in different positions by ask what are the difficulties they faced with the manual paper based system and what are the other things if they want us to develop for them to make the system provide easy access and more user friendly.

Observation:

We overlook flow of work and interruptions in some occasions they had go through. After gathered and analyzed the requirements, the system was expressed by using following methods.

- System – CAB Service Management System “Nimrene (Private) Limited – COMRO Cabs”
- System Design – UML diagrams, Class diagrams, Component diagram, Sequence diagram, State charts and Activity diagrams etc.
- Language – Visual C#

2.2 Design

2.2.1 Sequence Diagrams

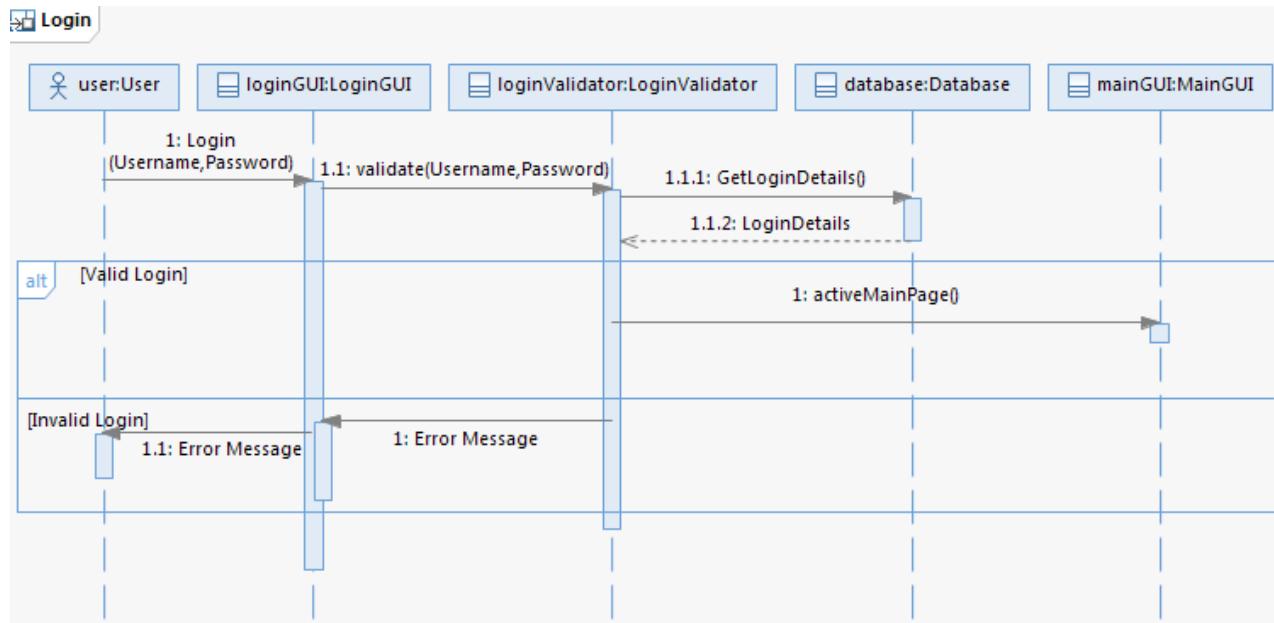


Figure 2.2.1.1 - Login SD

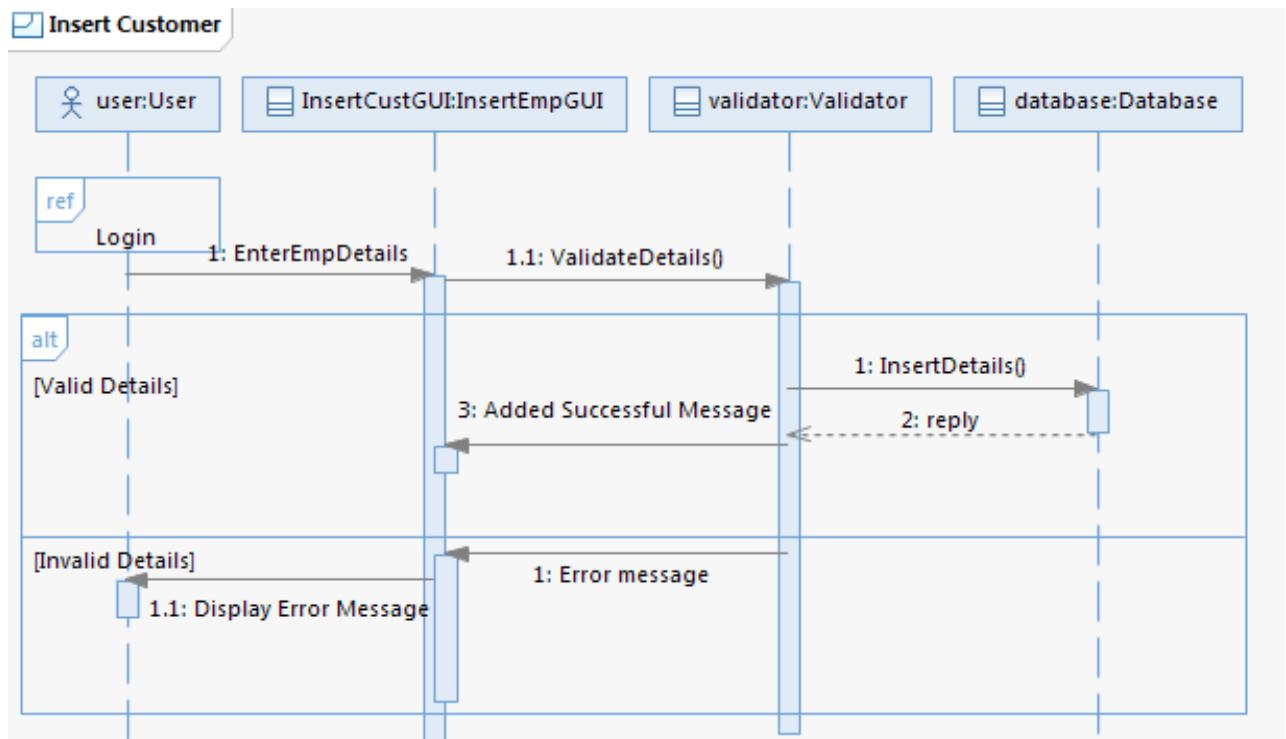


Figure 2.2.1.2 - Insert Customer SD

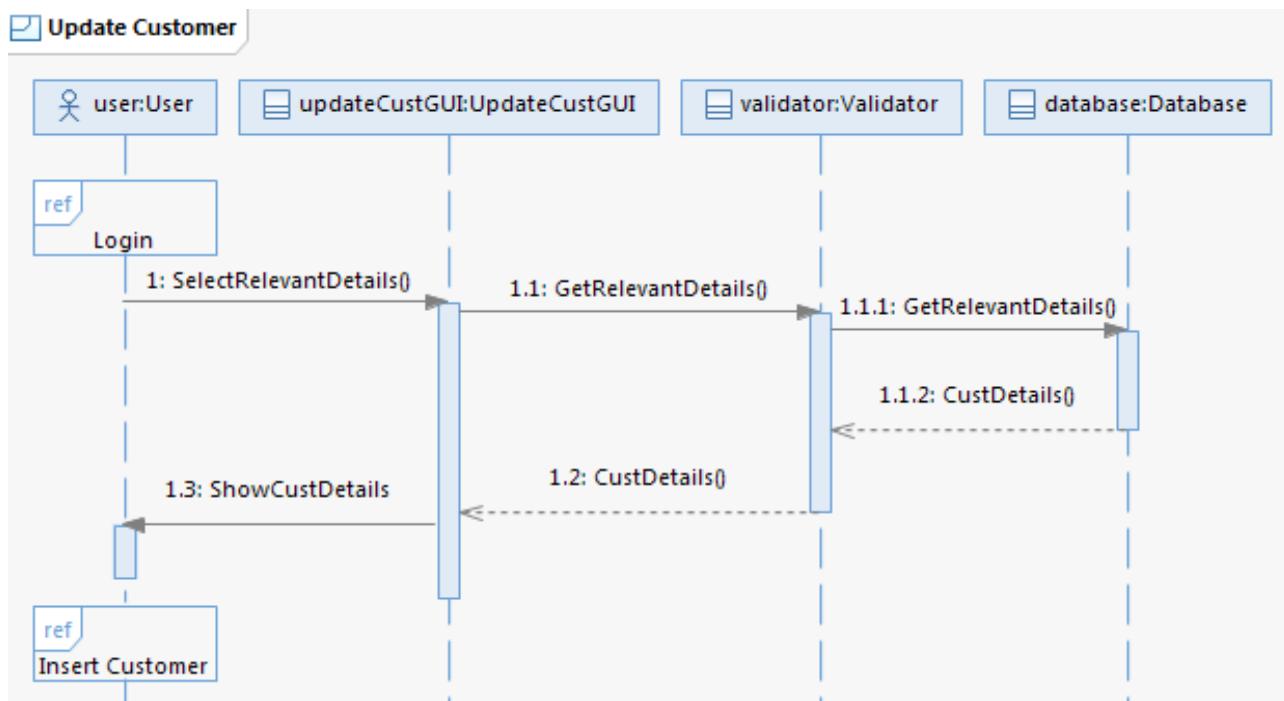


Figure 2.2.1.3 - Update Customer SD

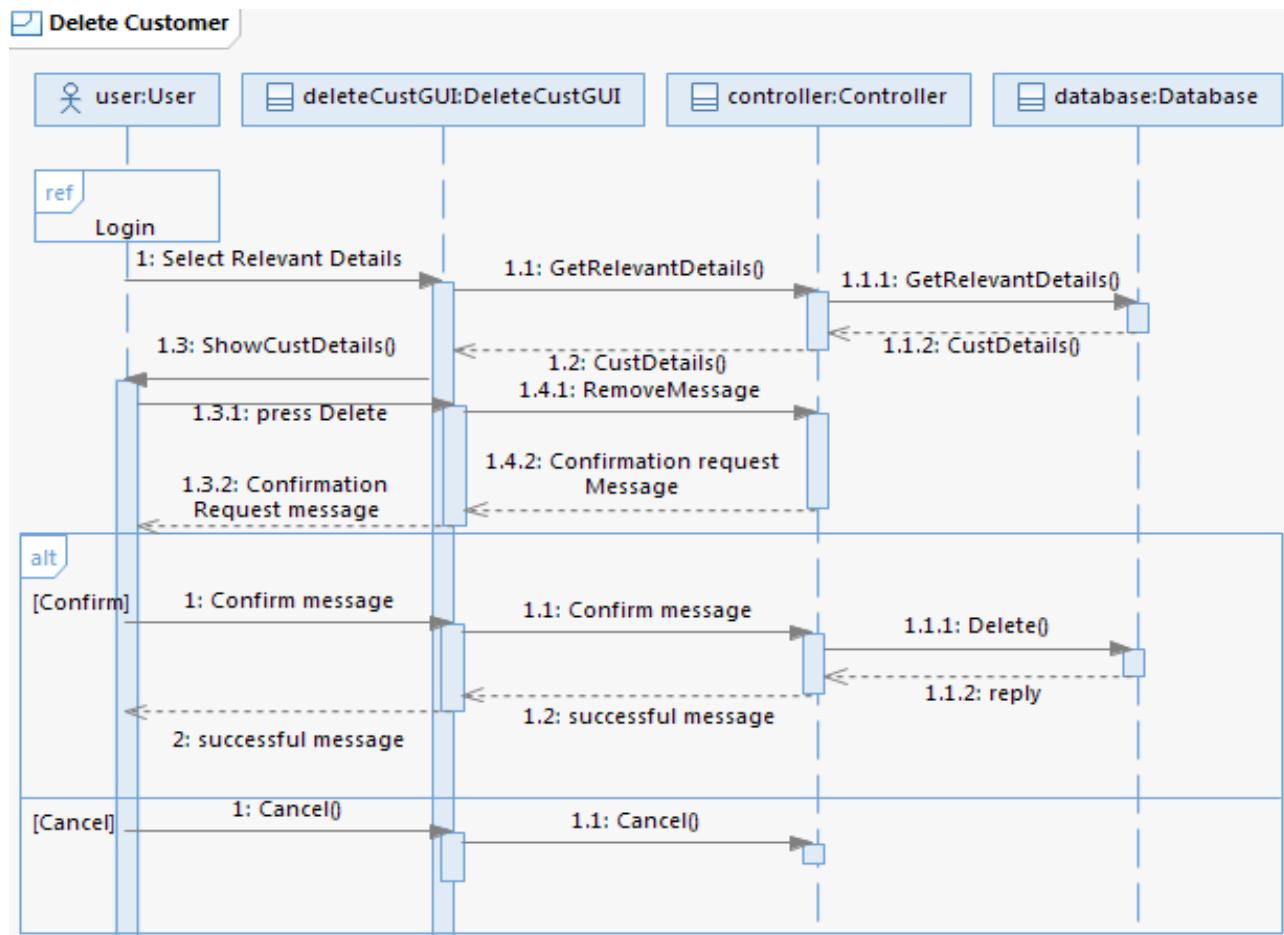


Figure 2.2.1.4 - Delete Customer SD

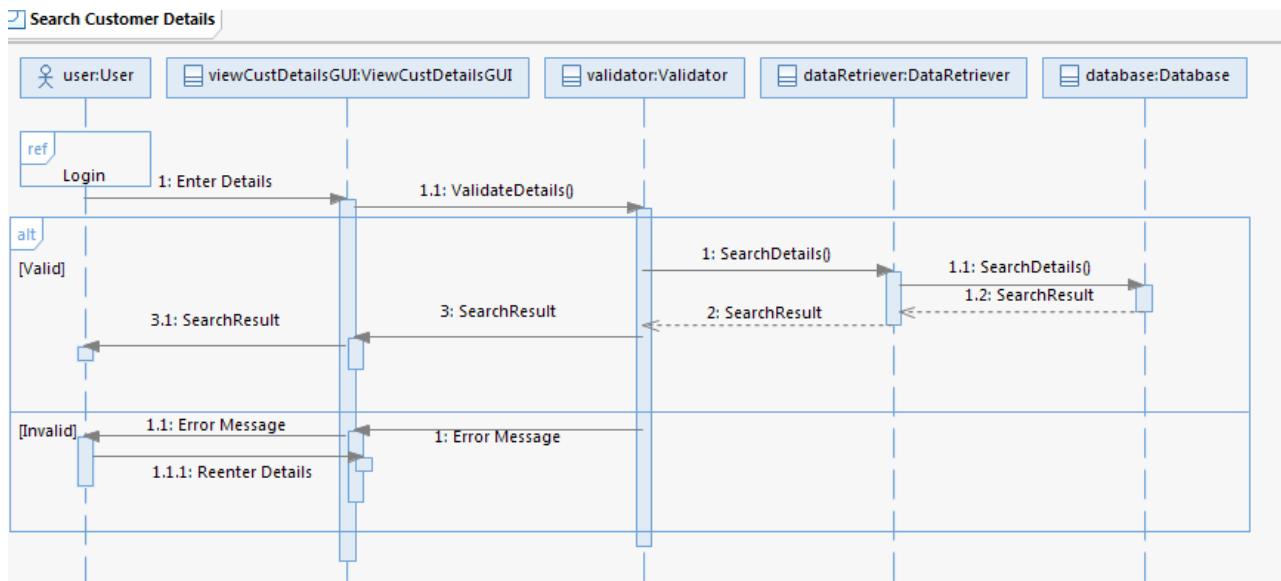


Figure 2.2.1.5 - Search Customer SD

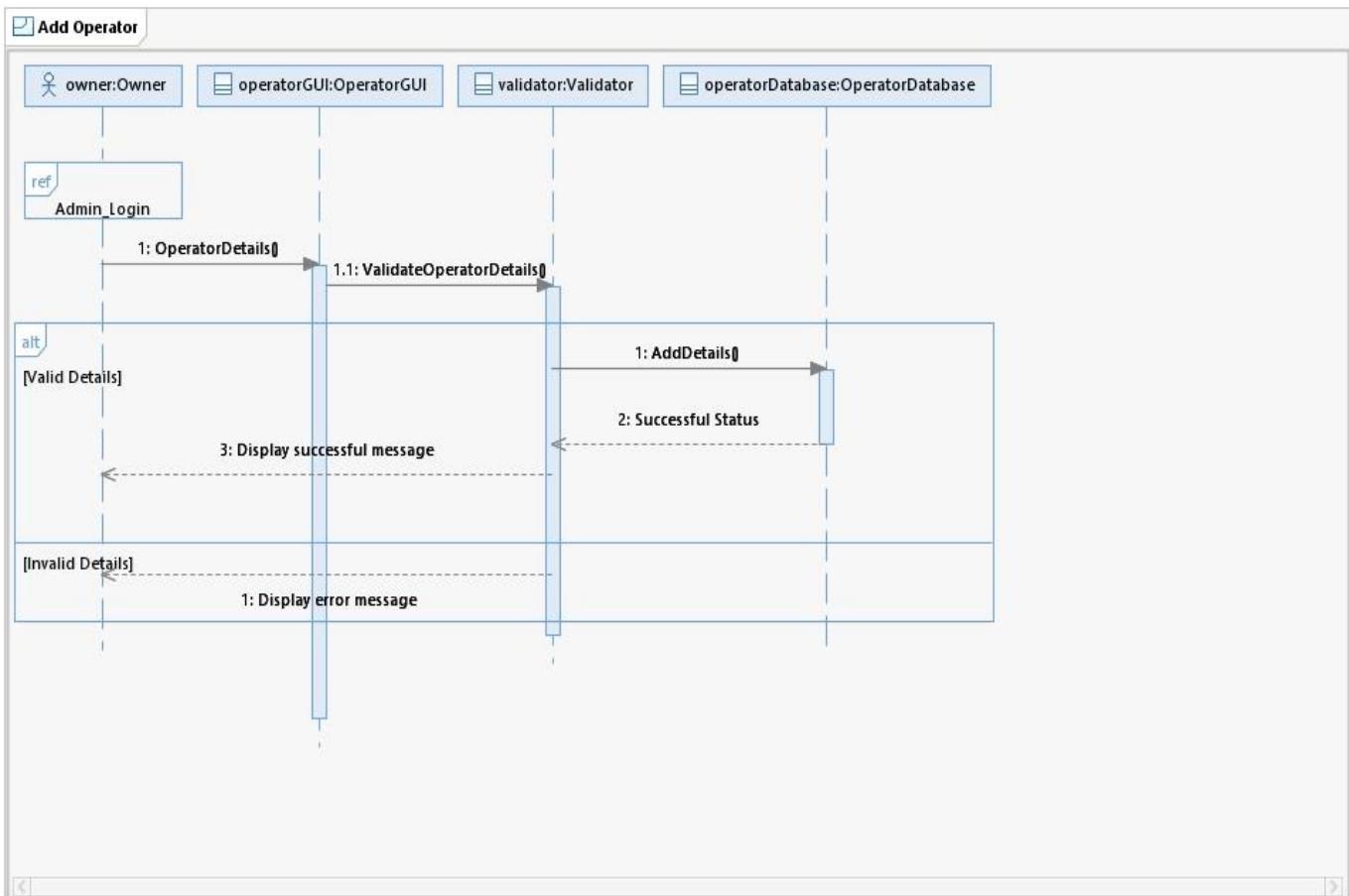


Figure 2.2.1.6 – Add Operator SD

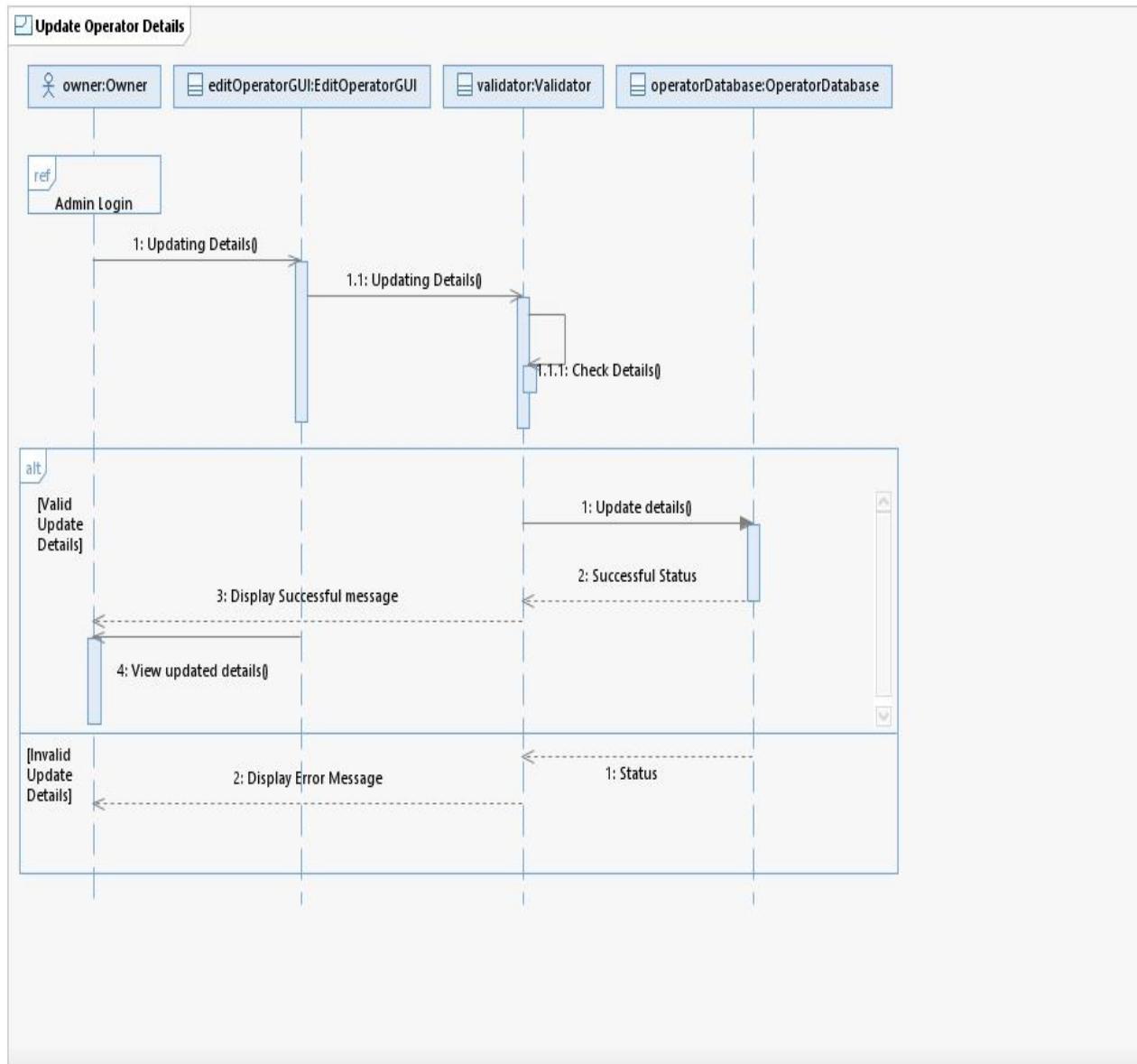


Figure 2.2.1.7 - Update Operator Details

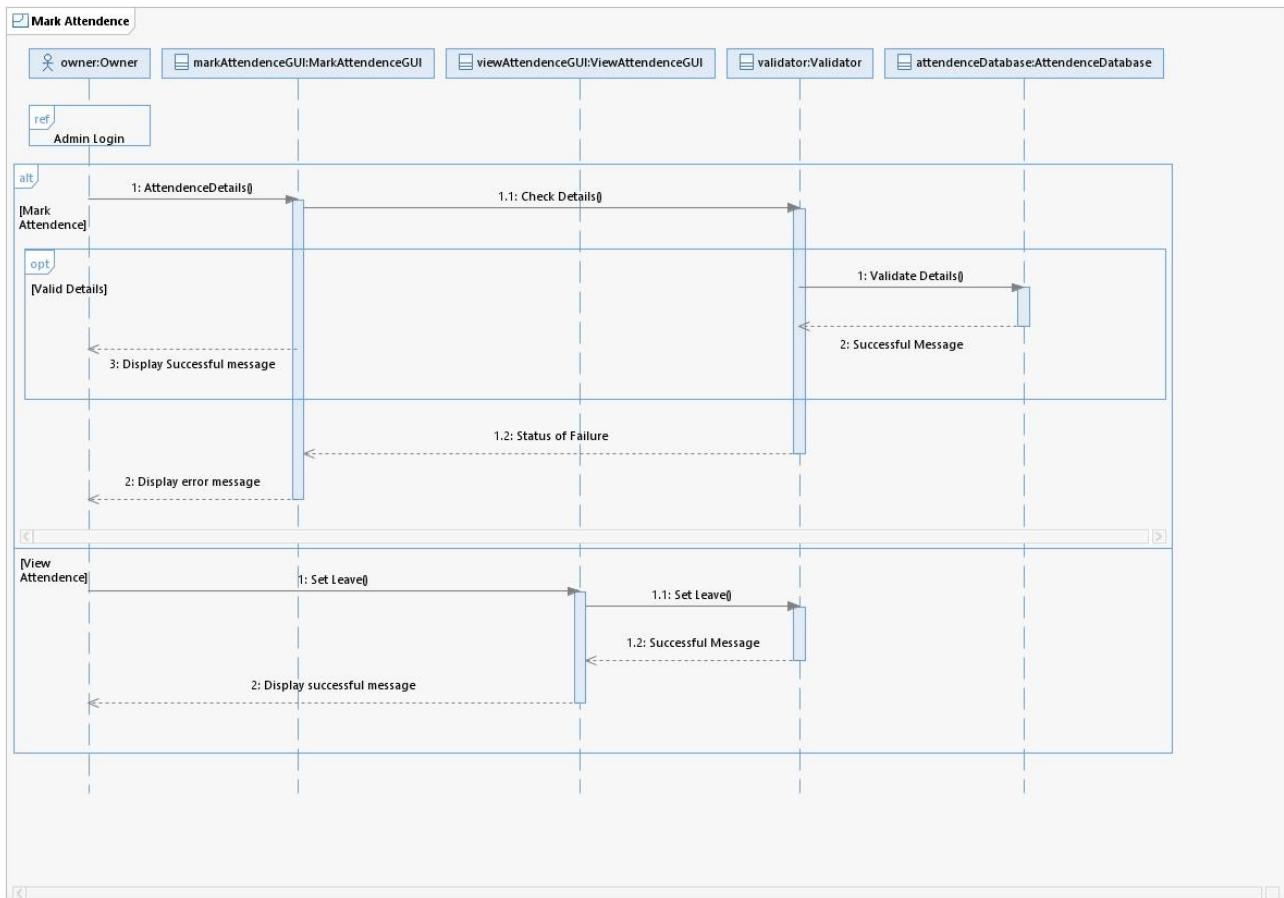


Figure 2.2.1.8 – Mark Attendance SD

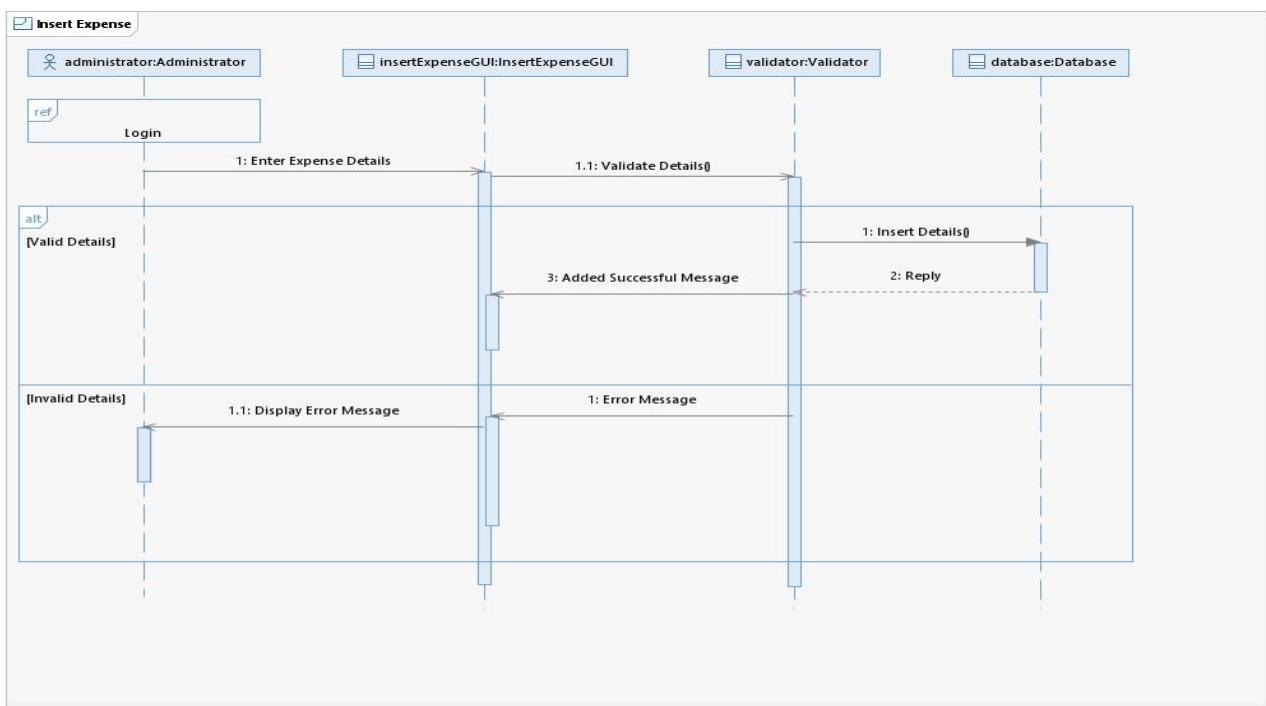


Figure 2.2.1.19 – Insert Expense SD

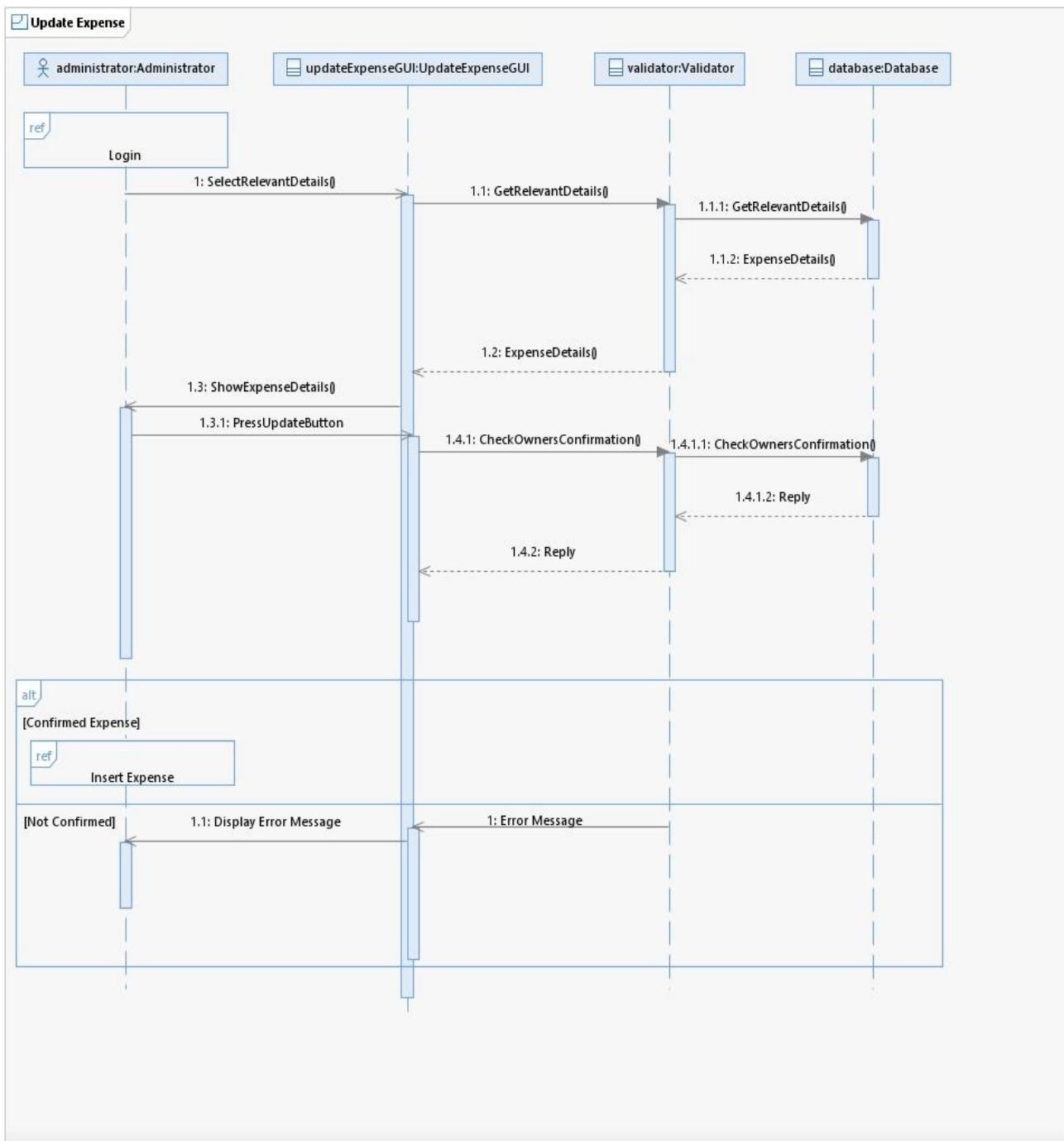


Figure 2.2.1.10 – Update Expense SD

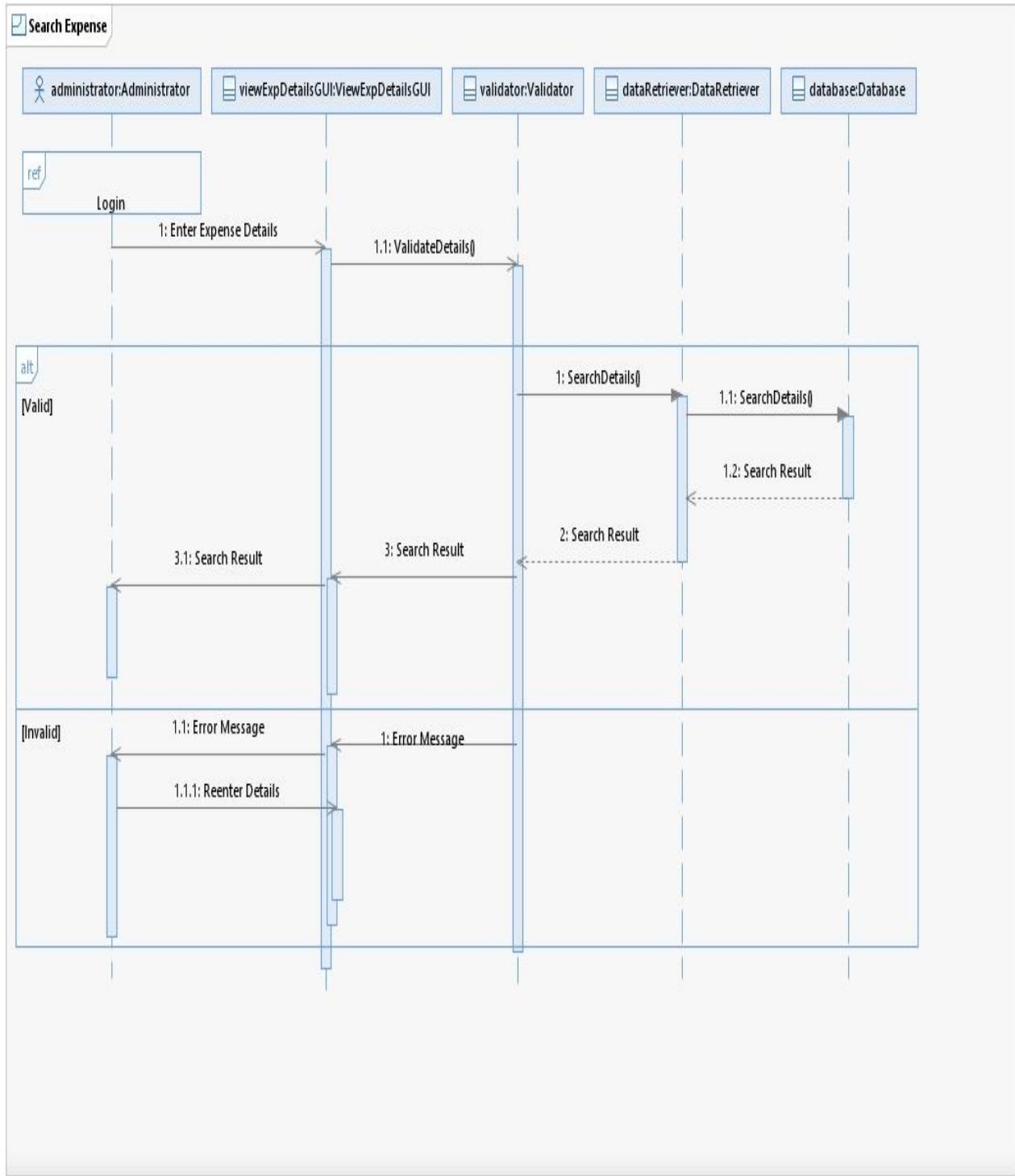


Figure 2.2.1.11 – Search Expense SD

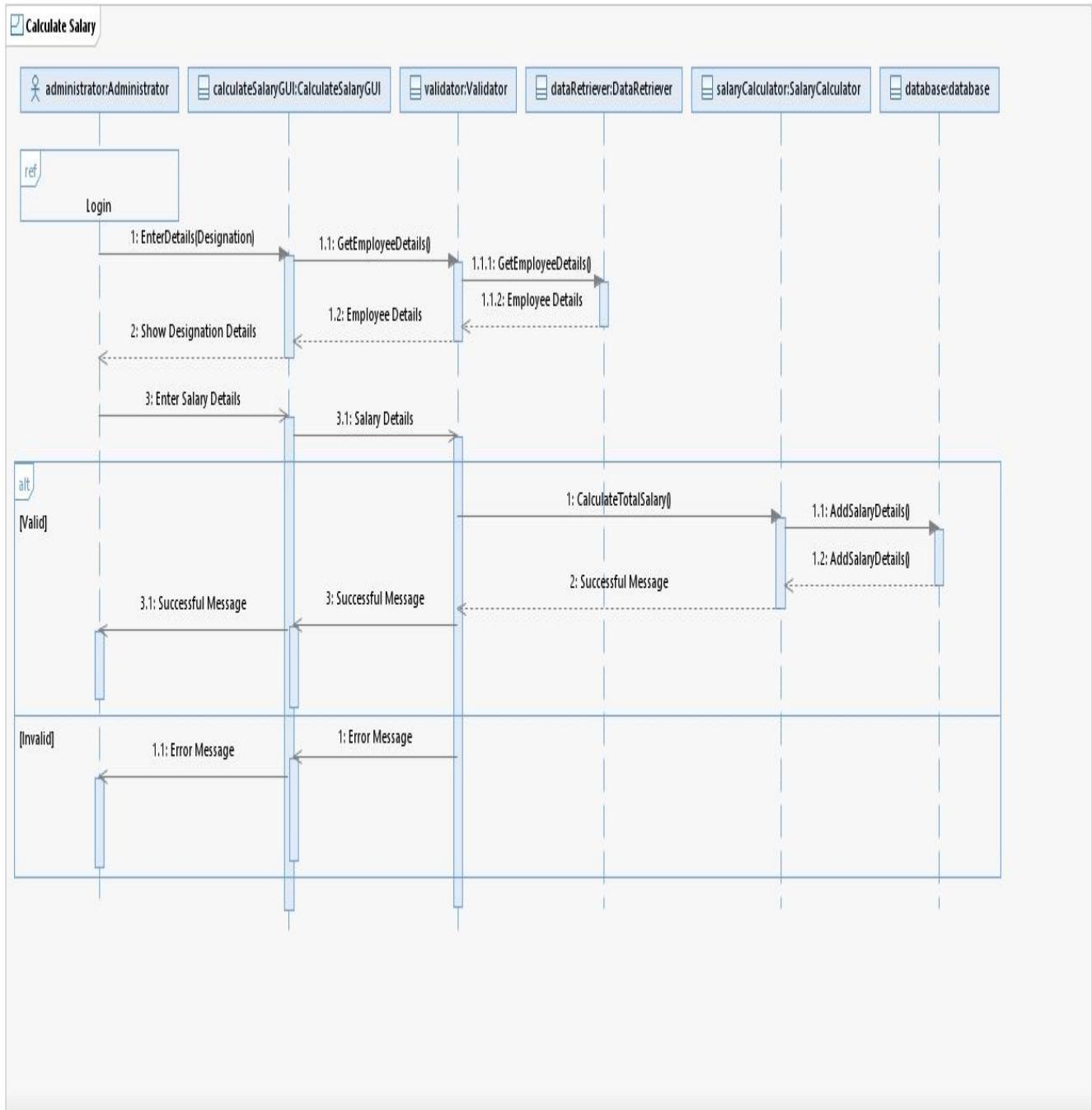


Figure 2.2.1.12 – Calculate Salary SD

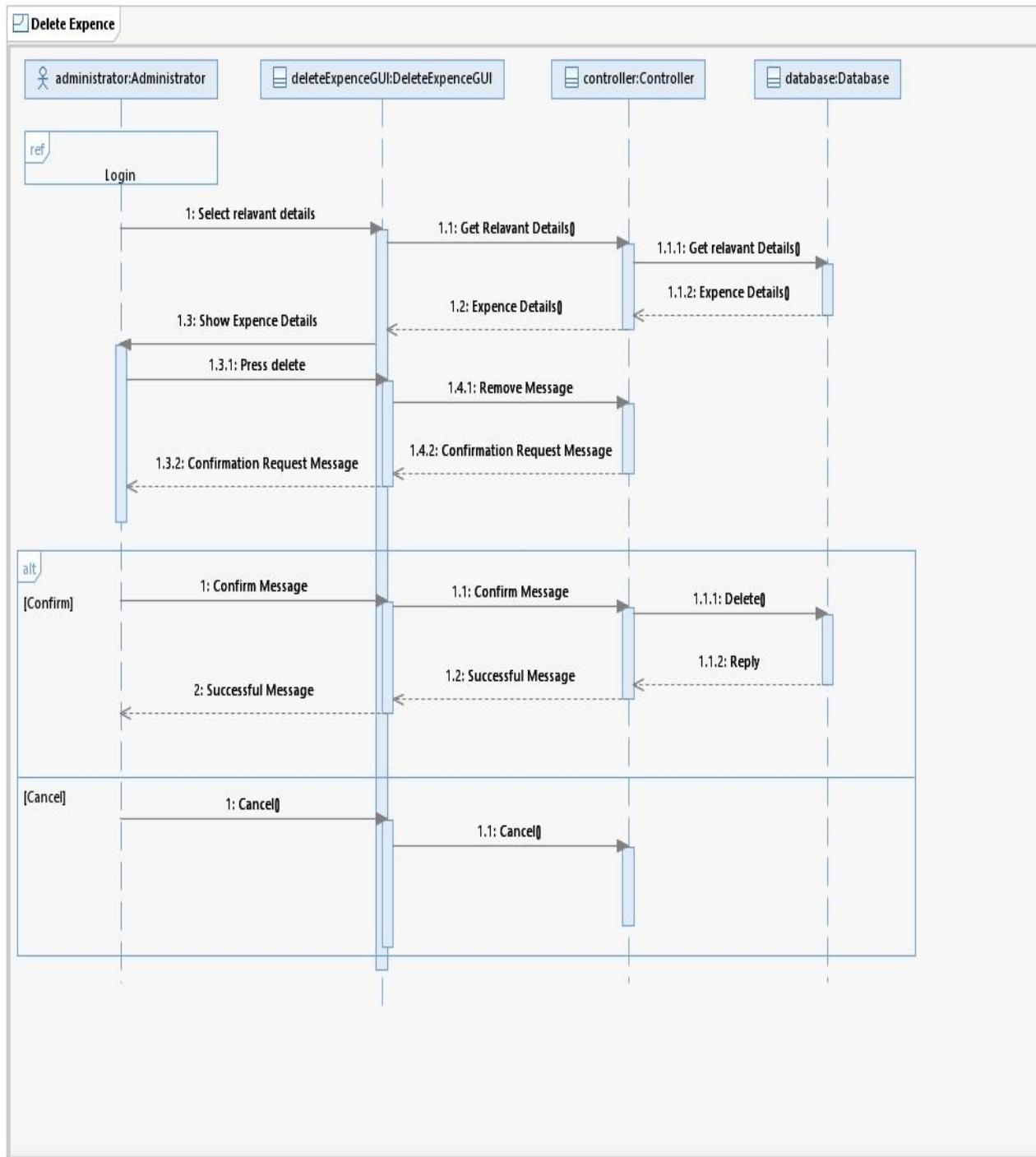


Figure 2.2.1.13 – Delete Expense SD

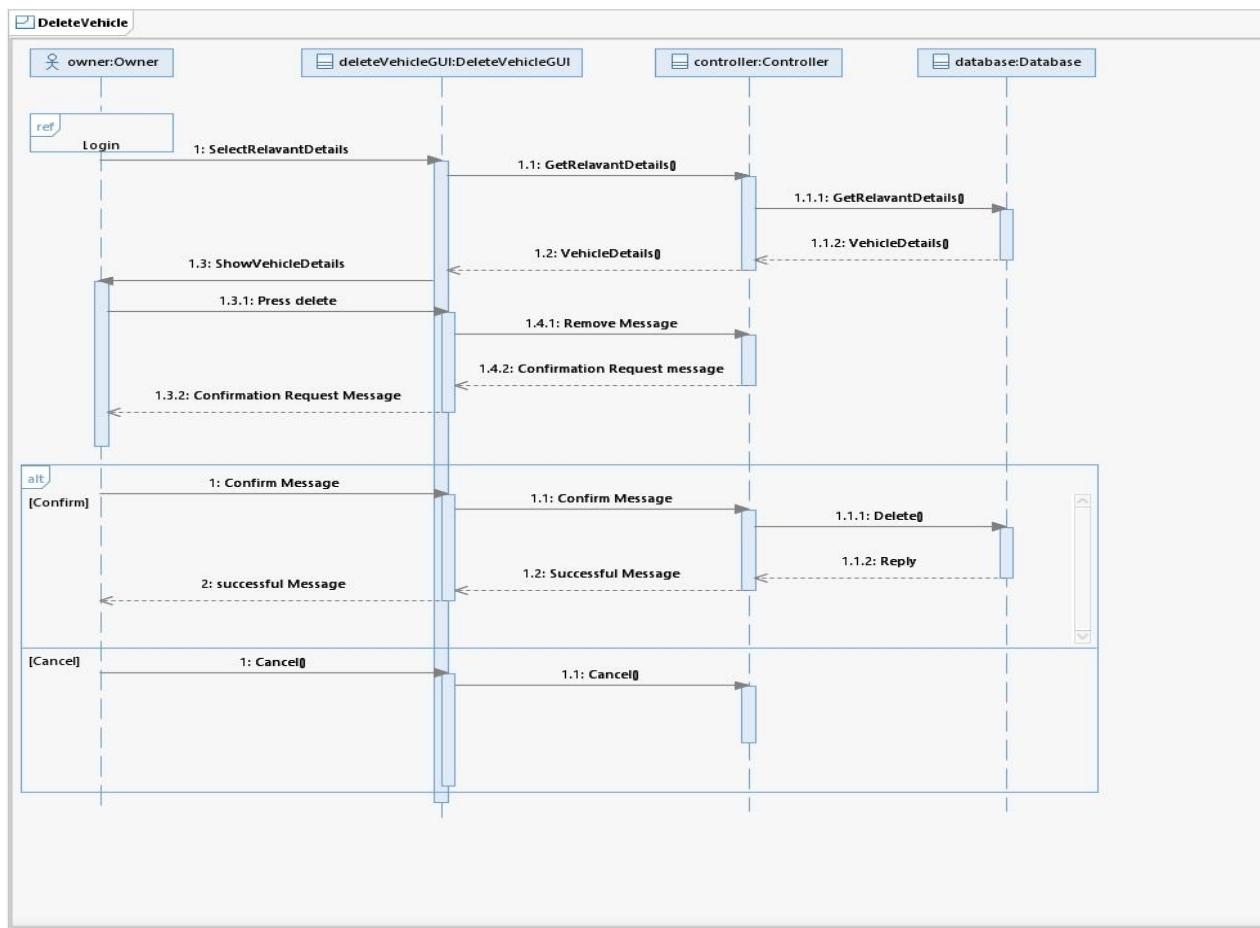


Figure 2.2.1.14 – Delete Vehicle SD

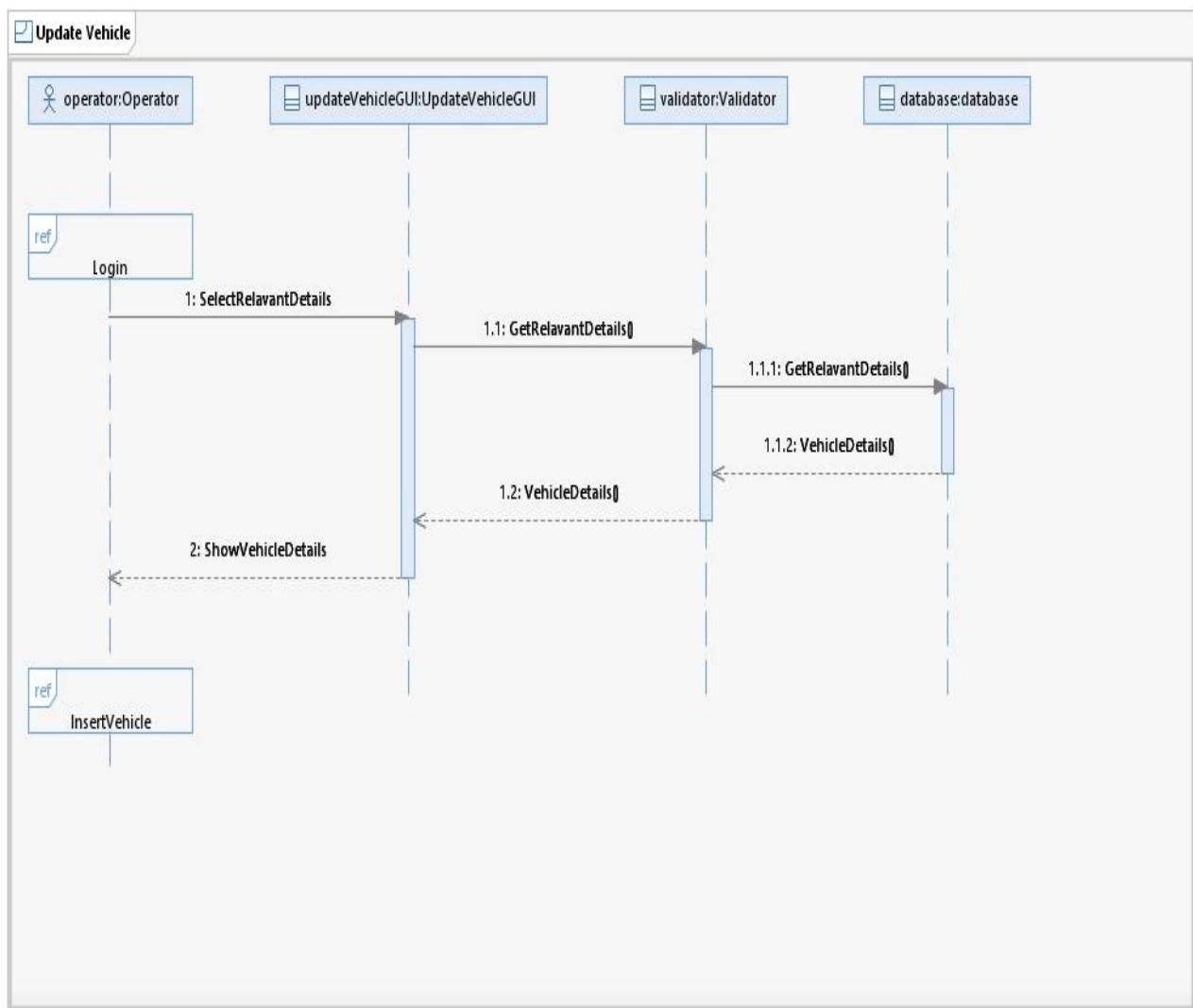


Figure 2.2.1.15 – Update Vehicle SD

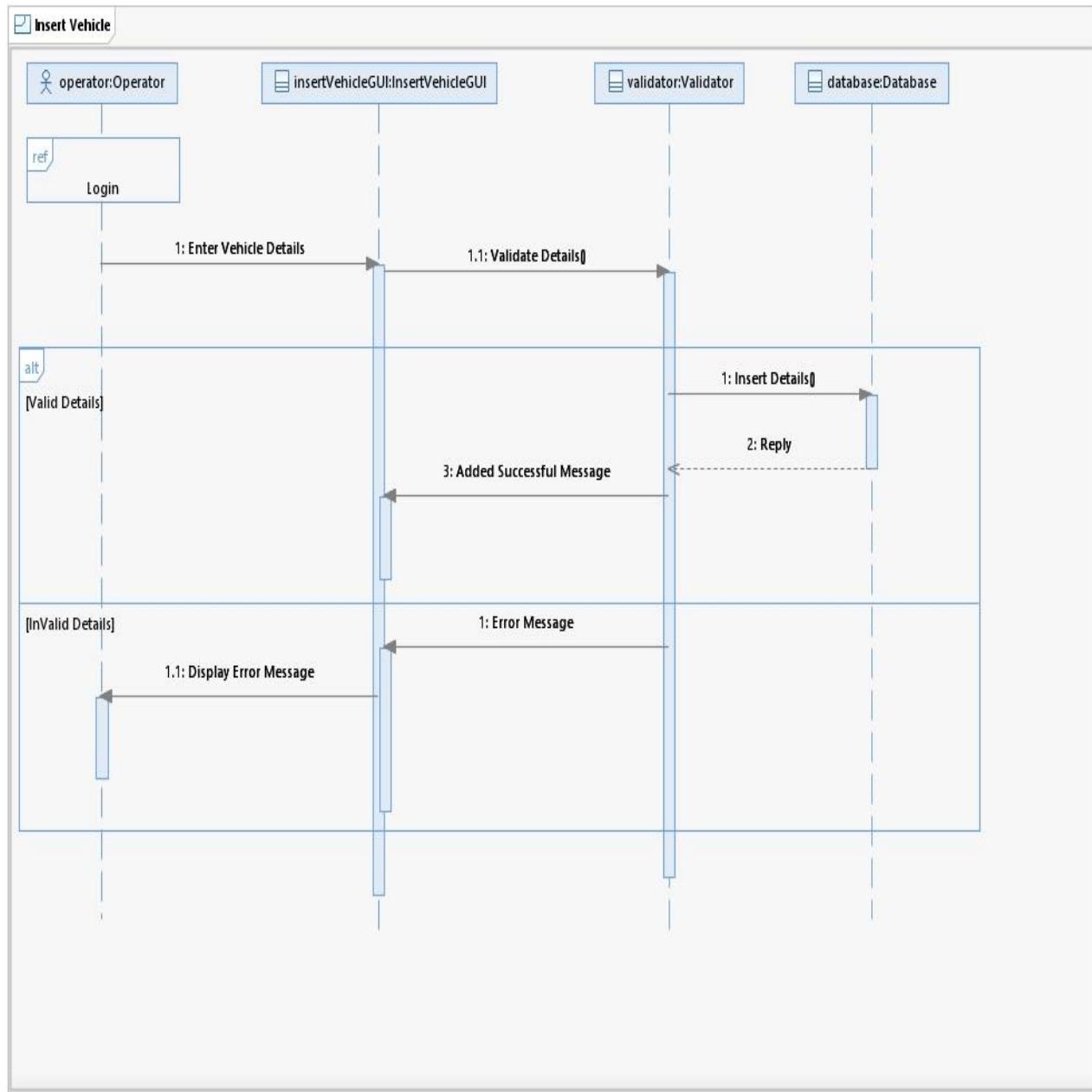


Figure 2.2.1.16 Insert Vehicle SD

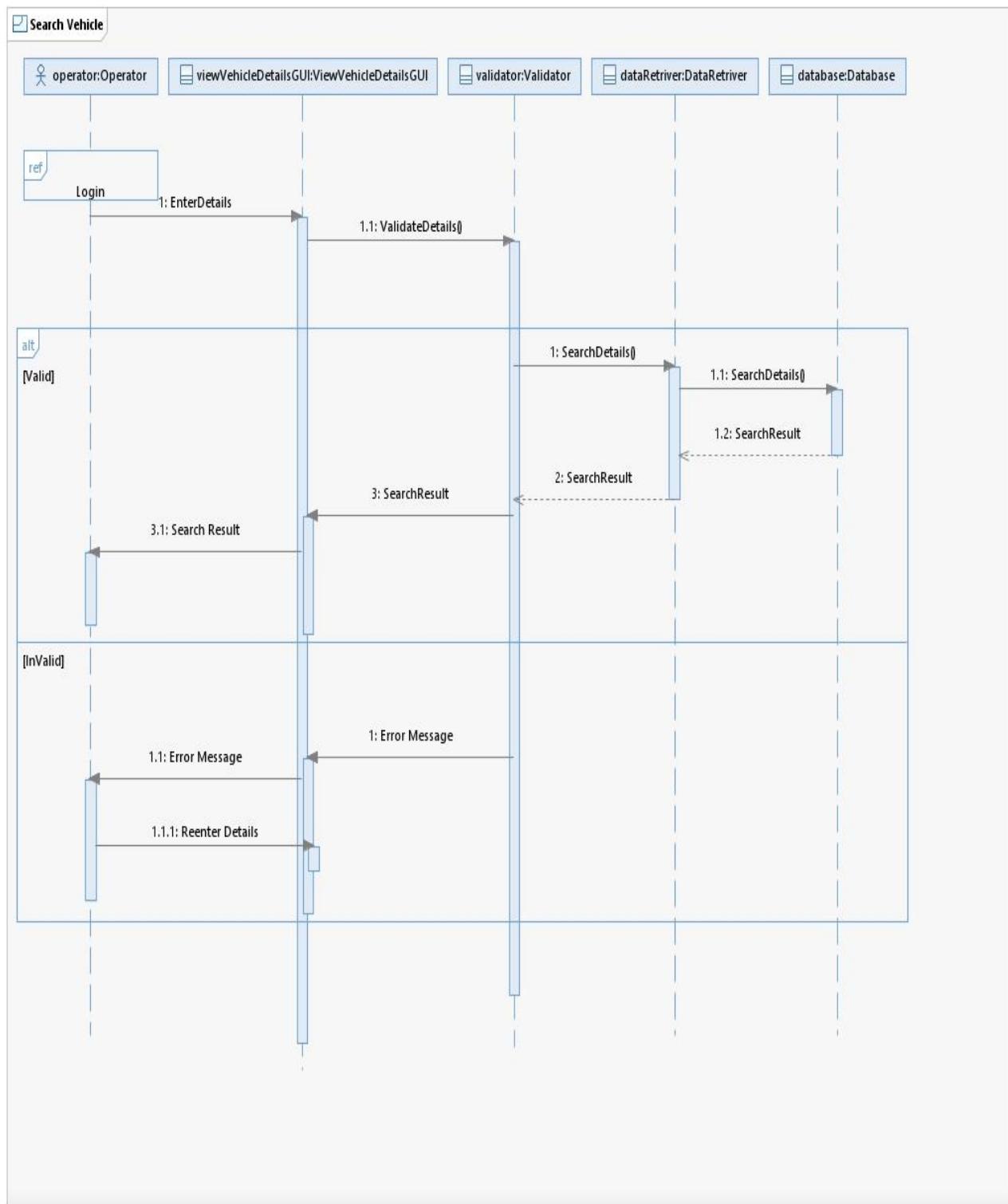


Figure 2.2.1.17 - Search Vehicle SD

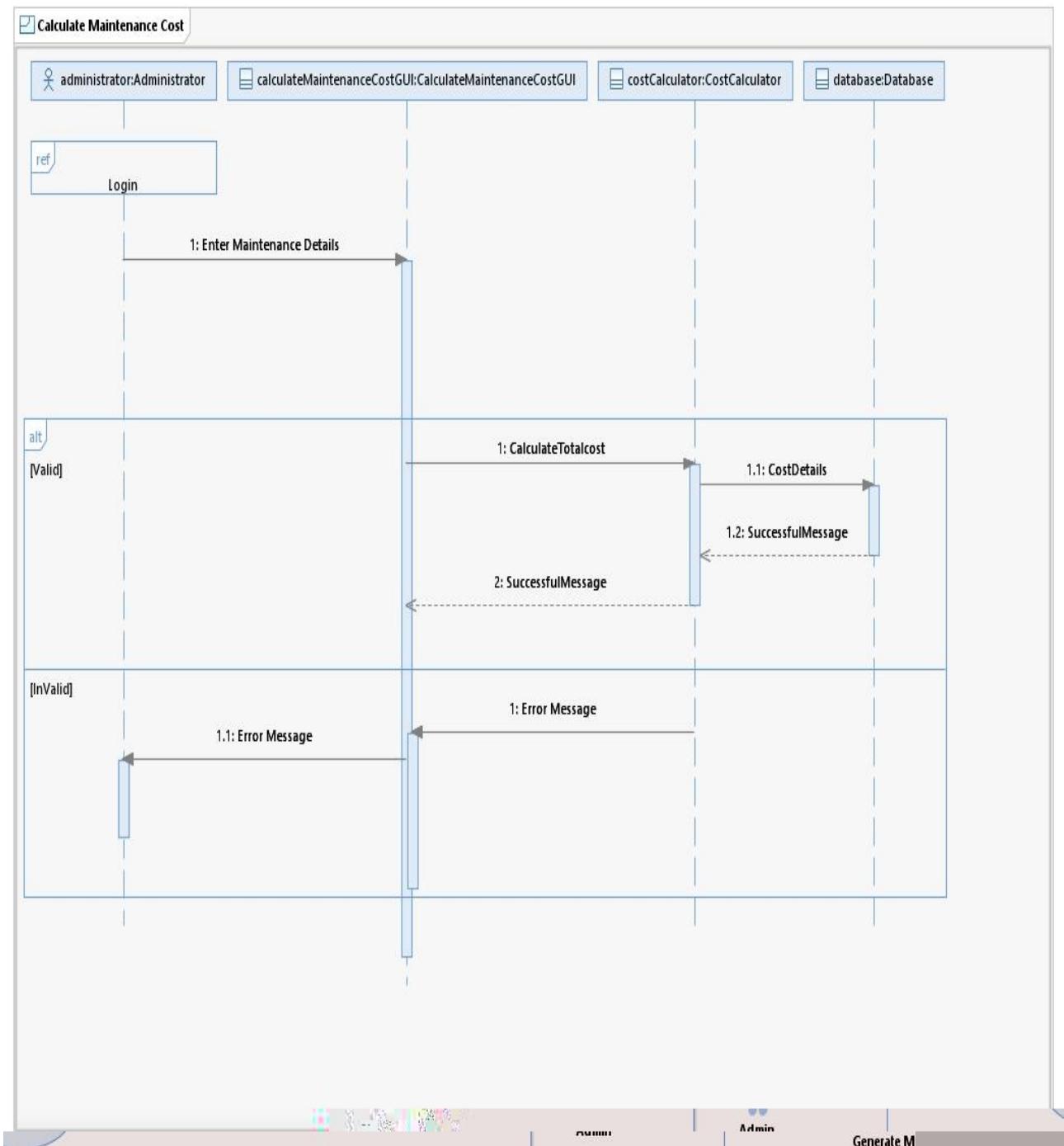


Figure 2.2.1.18 - Calculate Maintenance cost SD

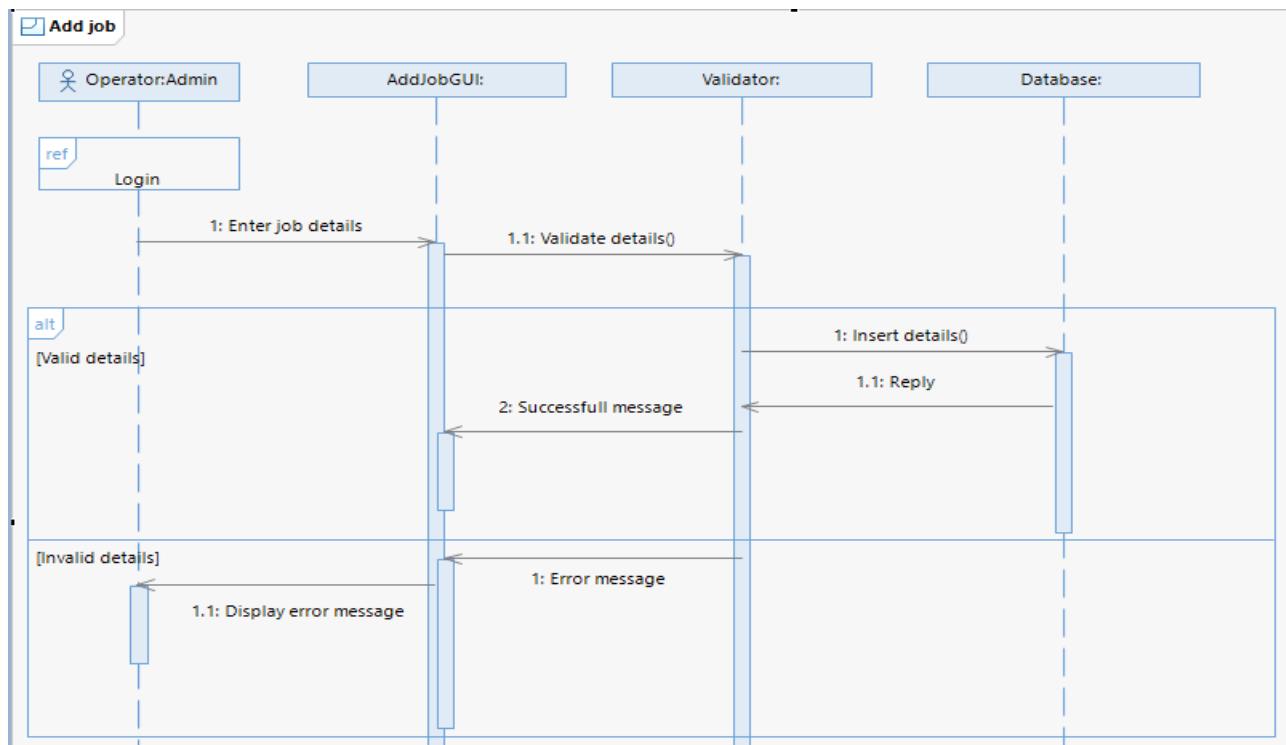


Figure 2.2.1.19 - Add Job SD

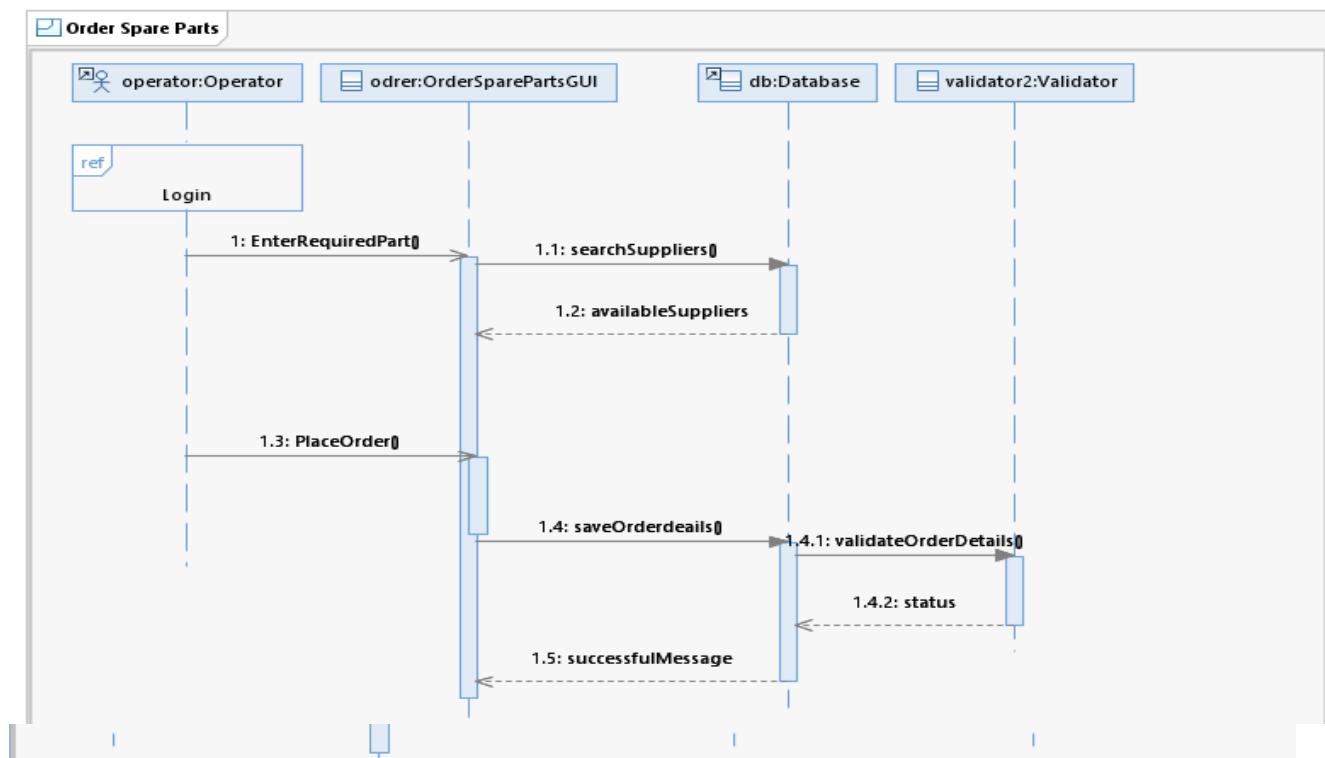


Figure 2.2.1.20 Calculate Trip Cost SD

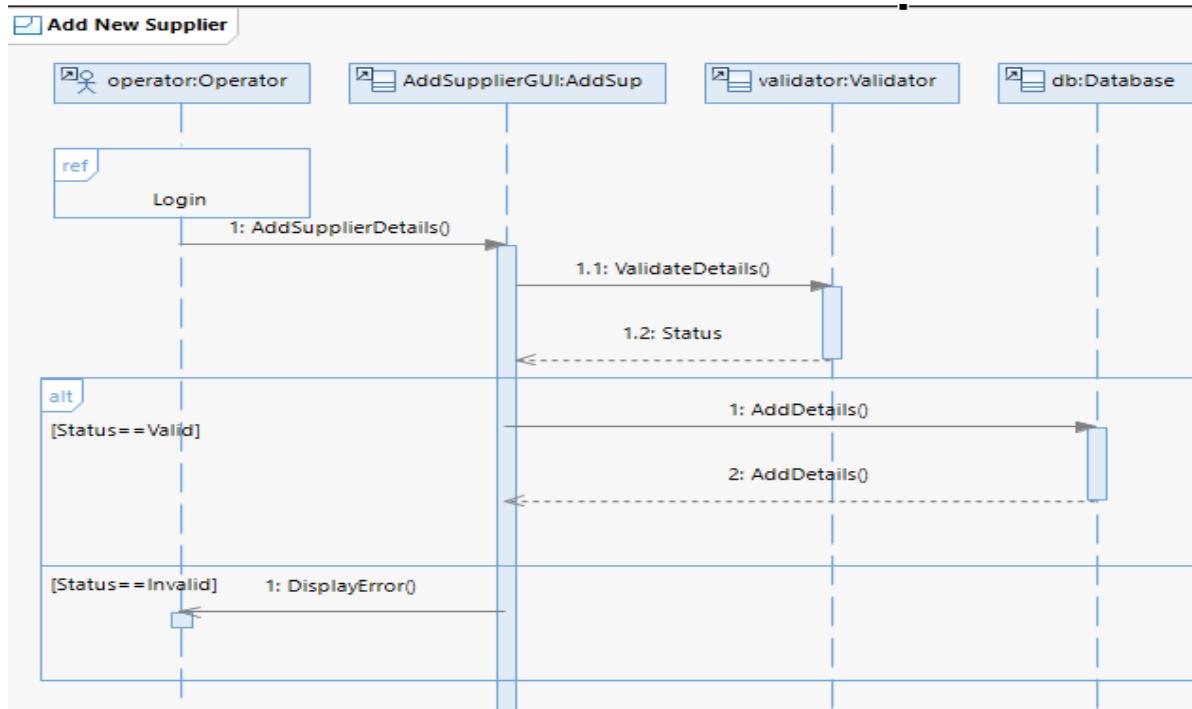


Figure 2.2.1.21 Add New Supplier SD

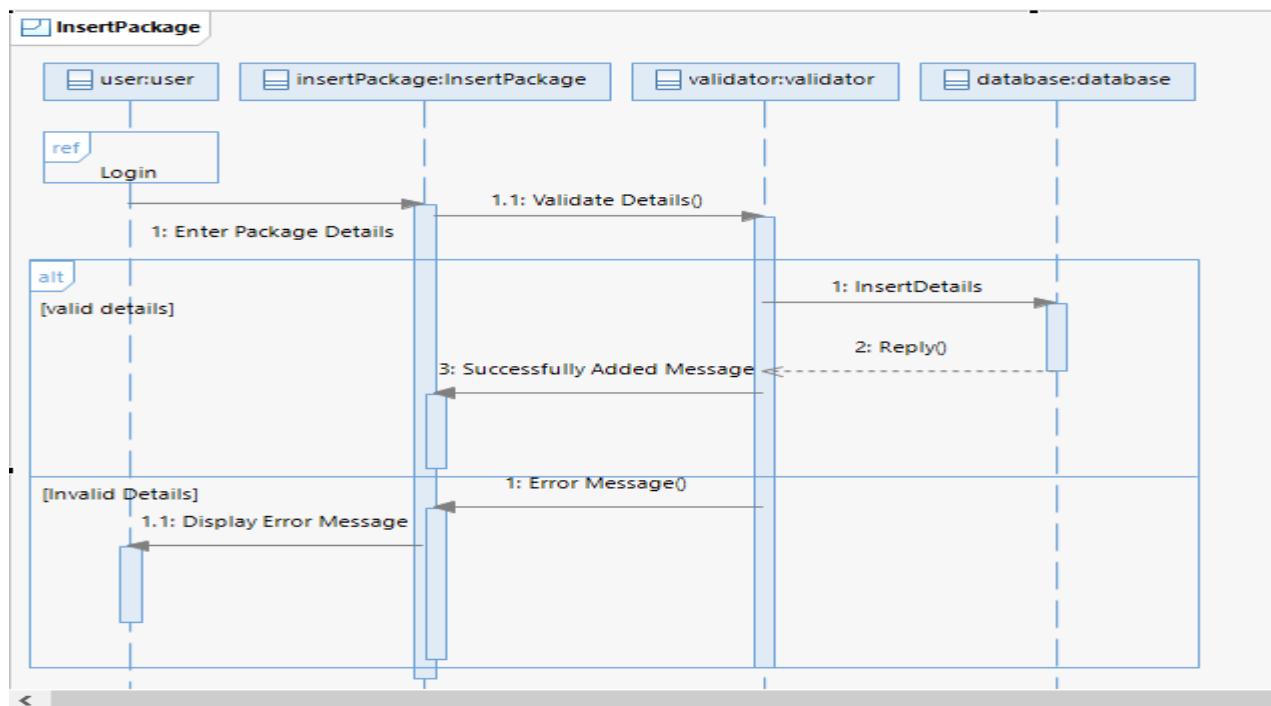


Figure 2.2.1.22 – Insert Package SD

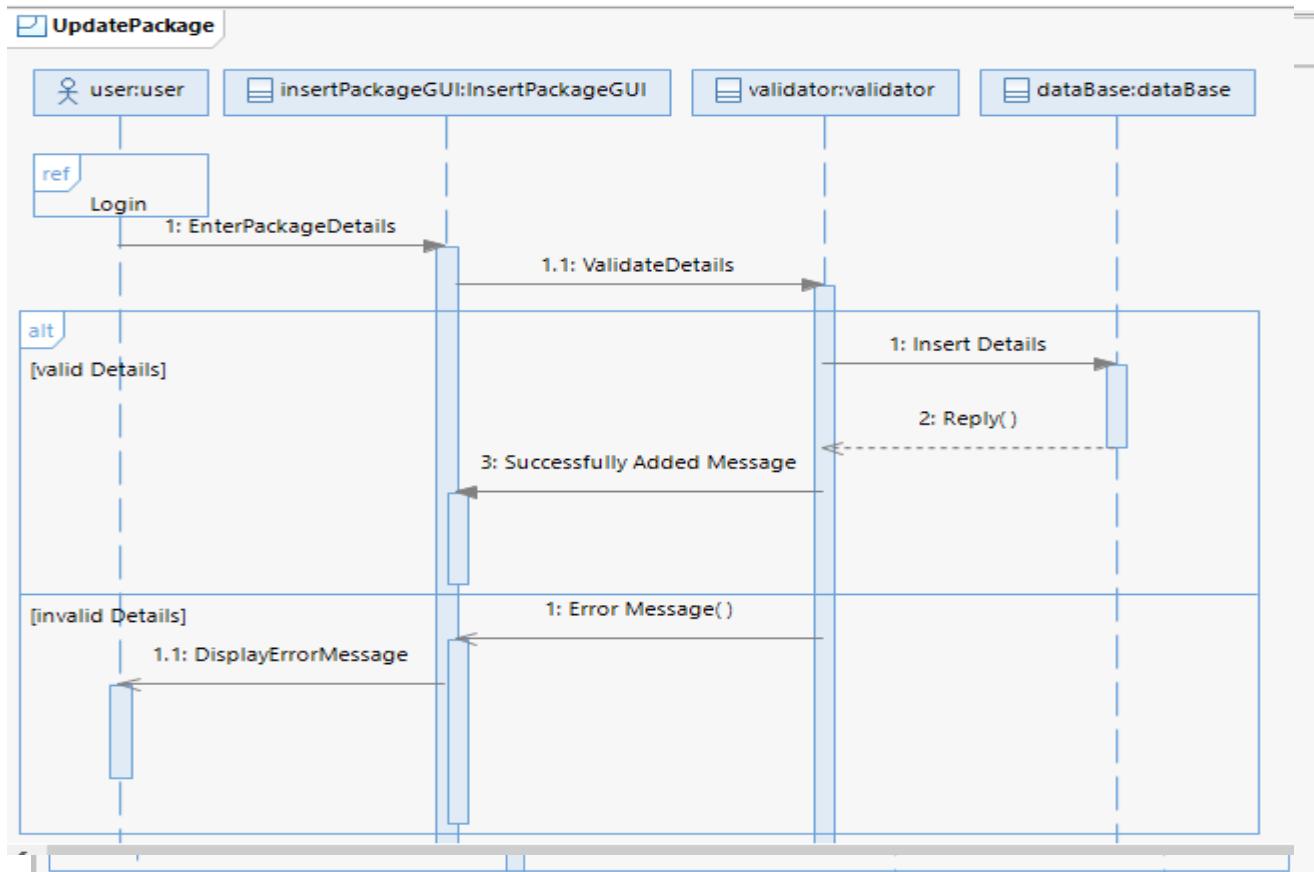


Figure 2.2.1.23– Update Package SD

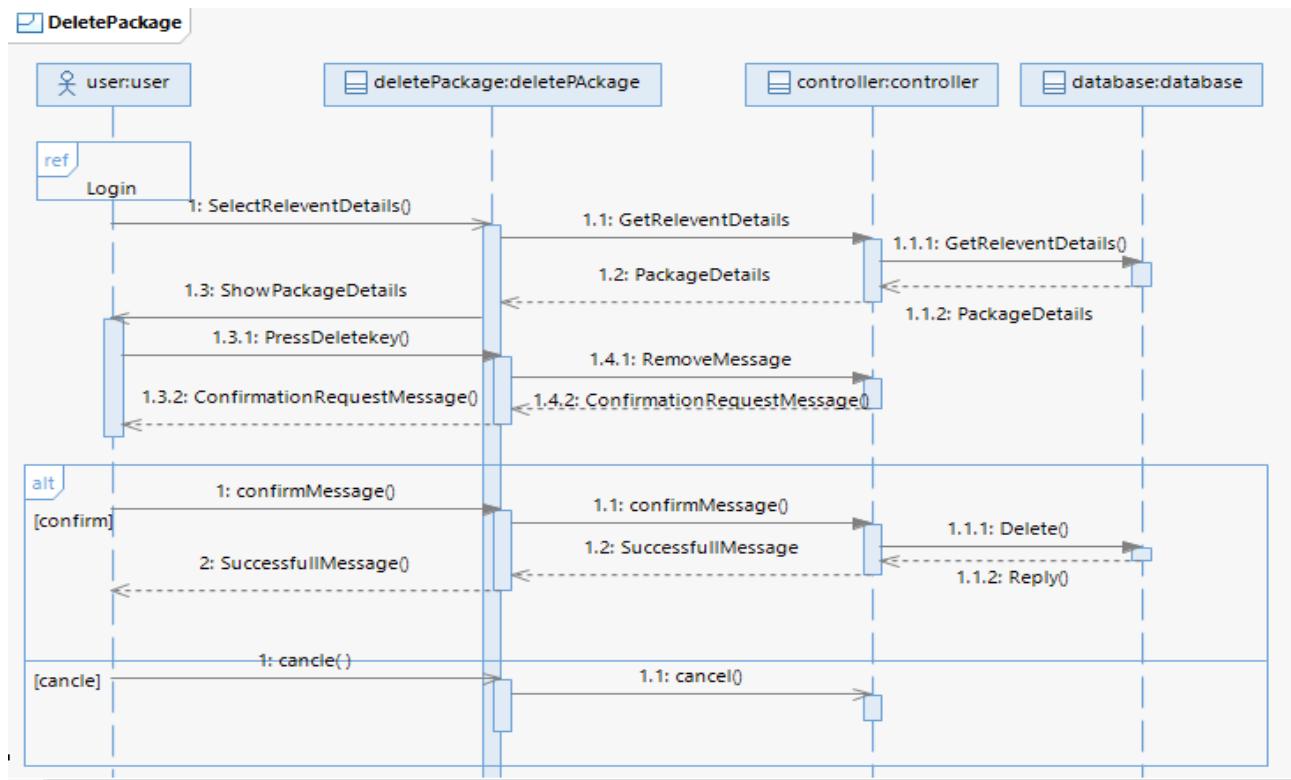


Figure 2.2.1.24 –Delete Package SD

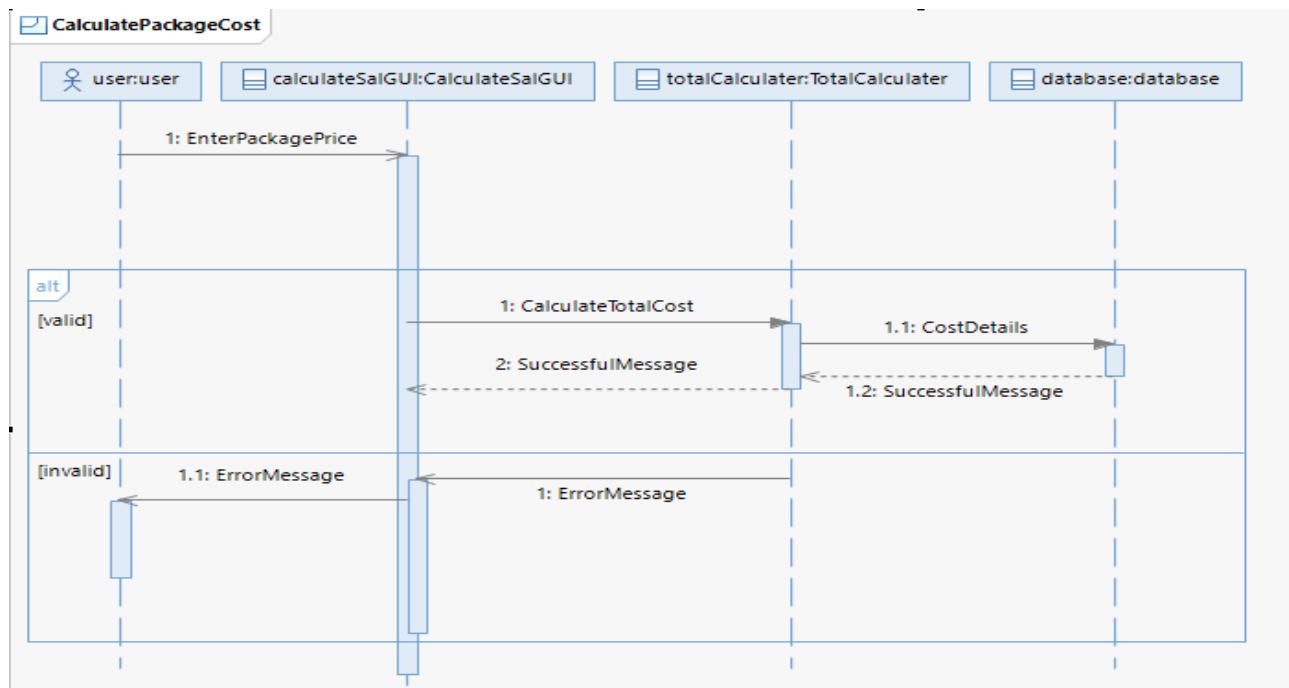


Figure 2.2.1.25 – Calculate Package SD

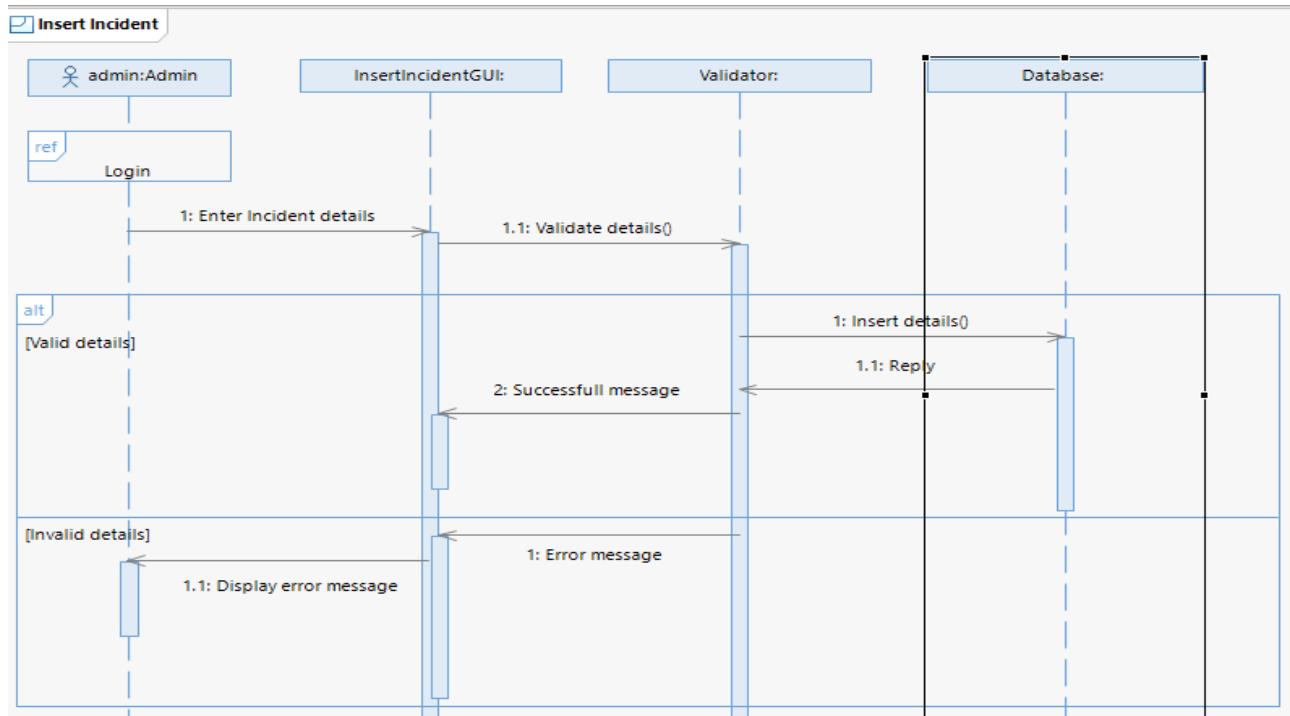


Figure 2.2.1.26 – Insert Incident SD

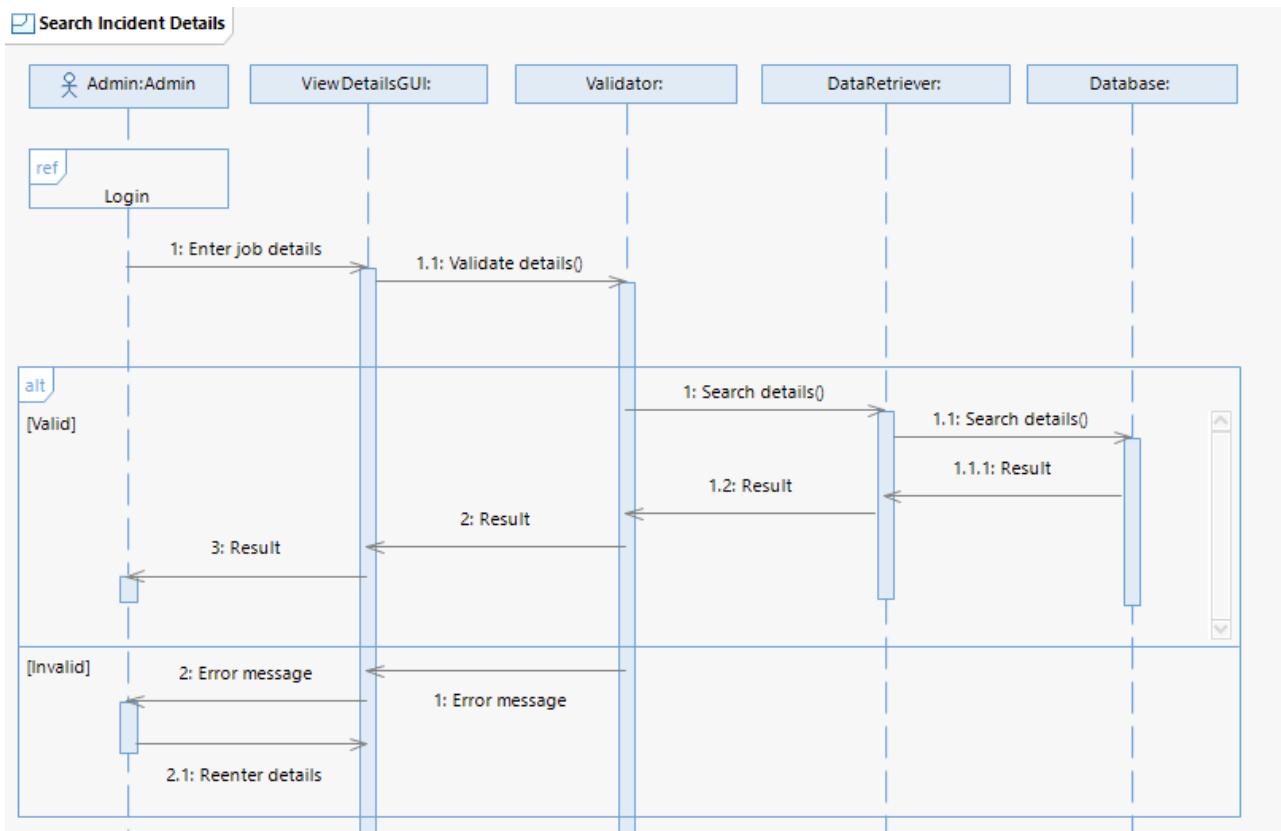
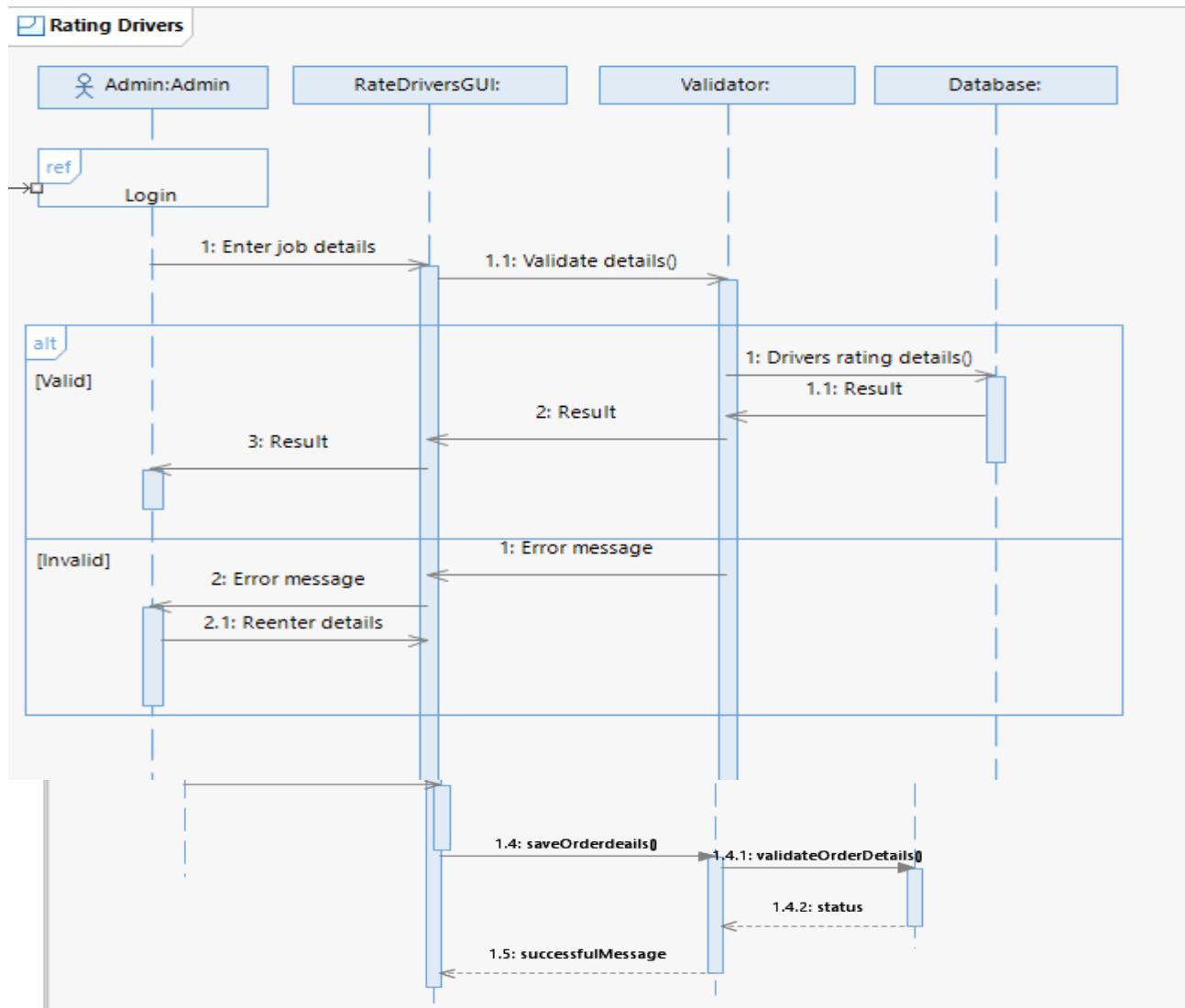


Figure 2.2.1.27 – Search Insert Details SD



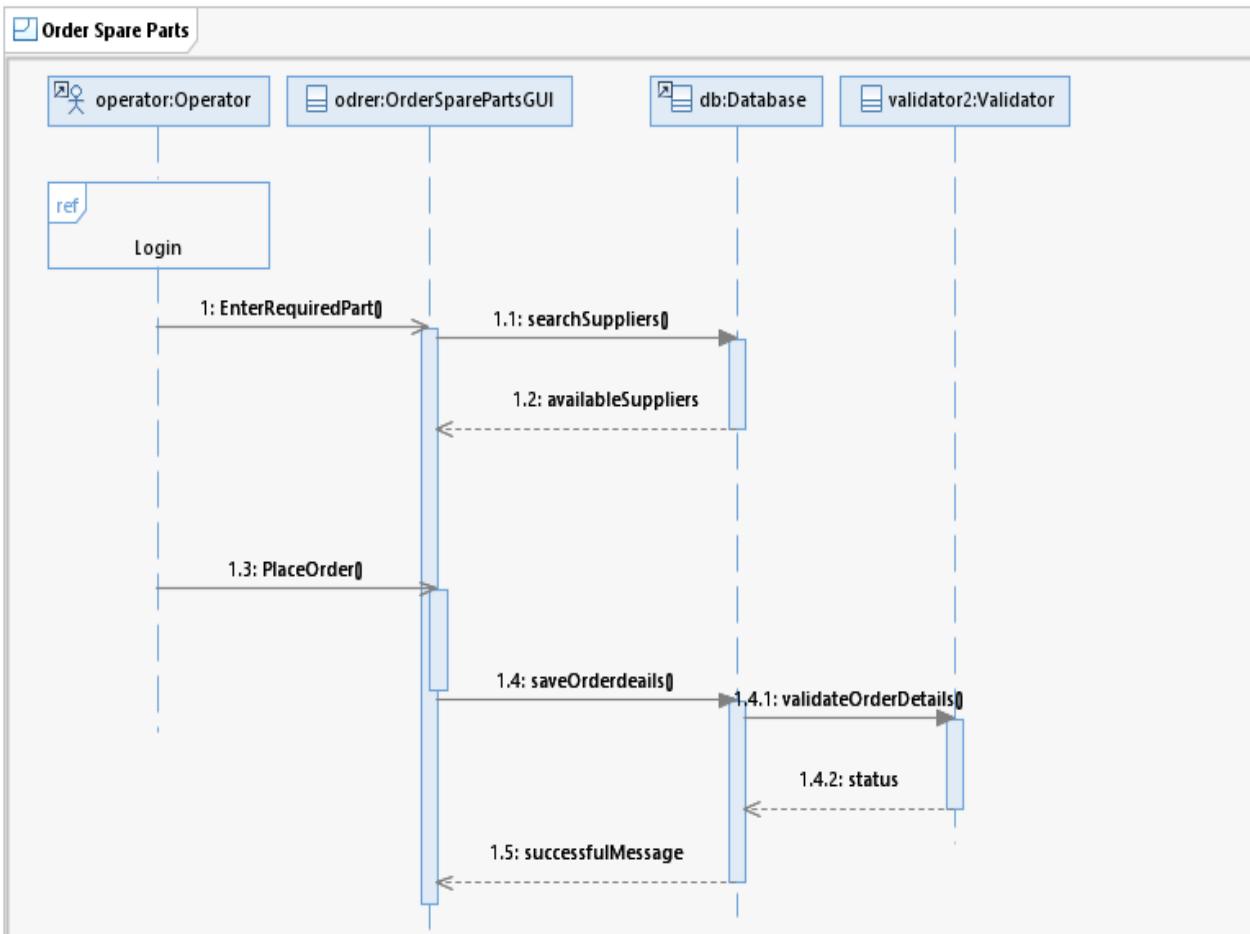


Figure 2.2.1.29– Order Spare Parts SD

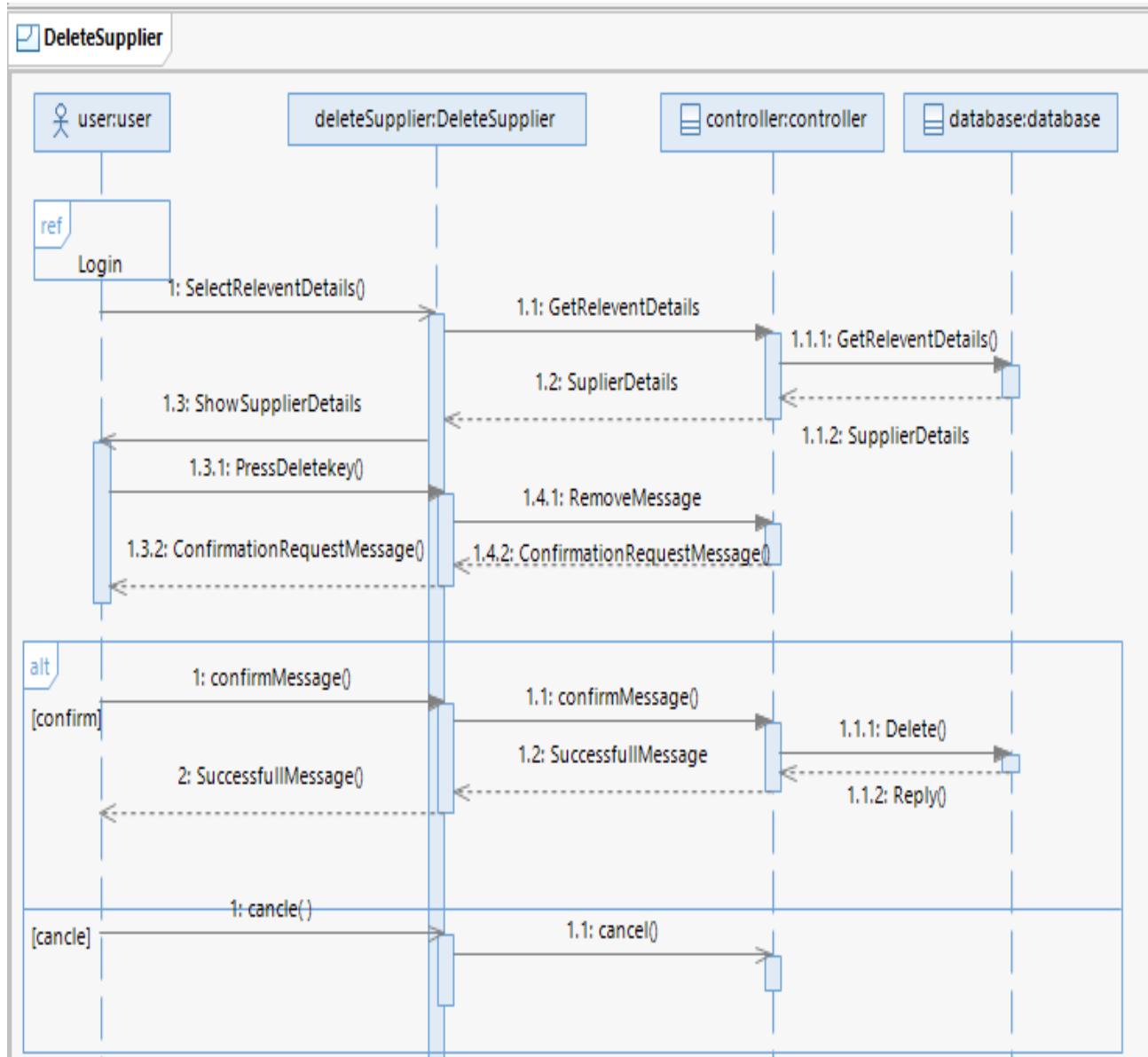


Figure 2.2.1.30– Delete Supplier SD

2.2.2 Activity Diagram

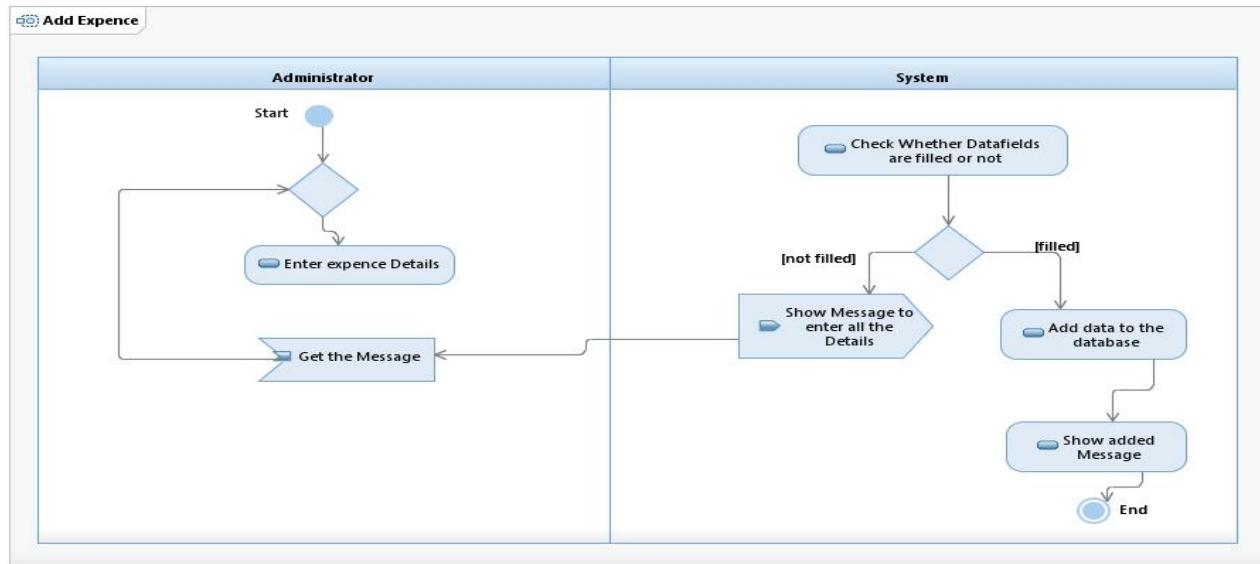


Figure 2.2.2.1– Add Expense AD

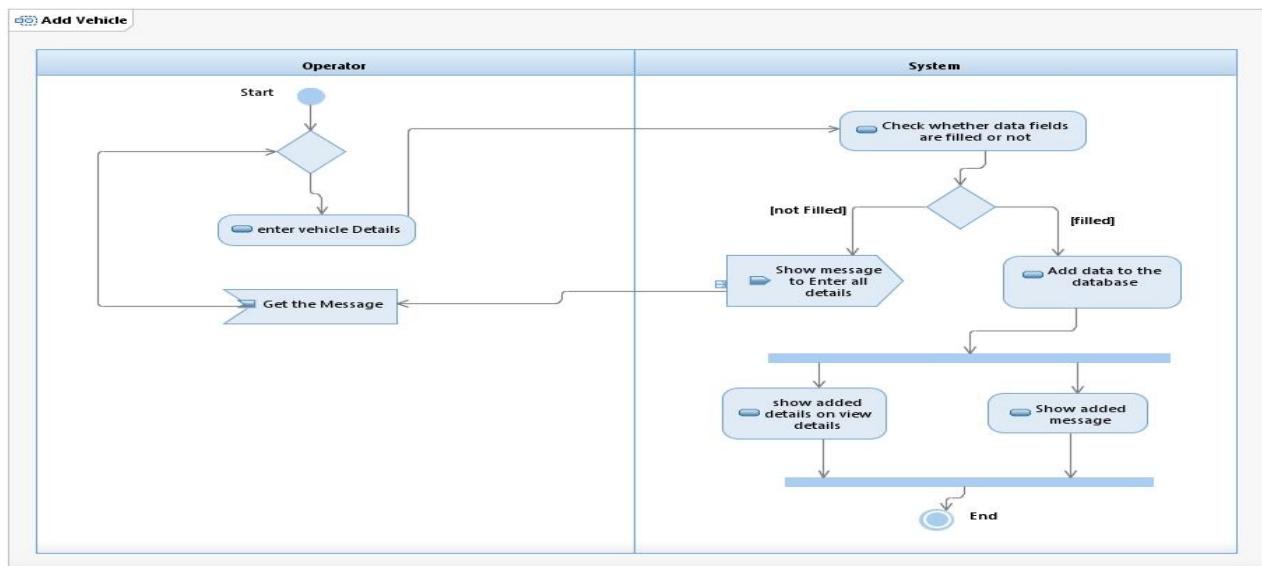


Figure 2.2.2.2– Add Vehicle AD

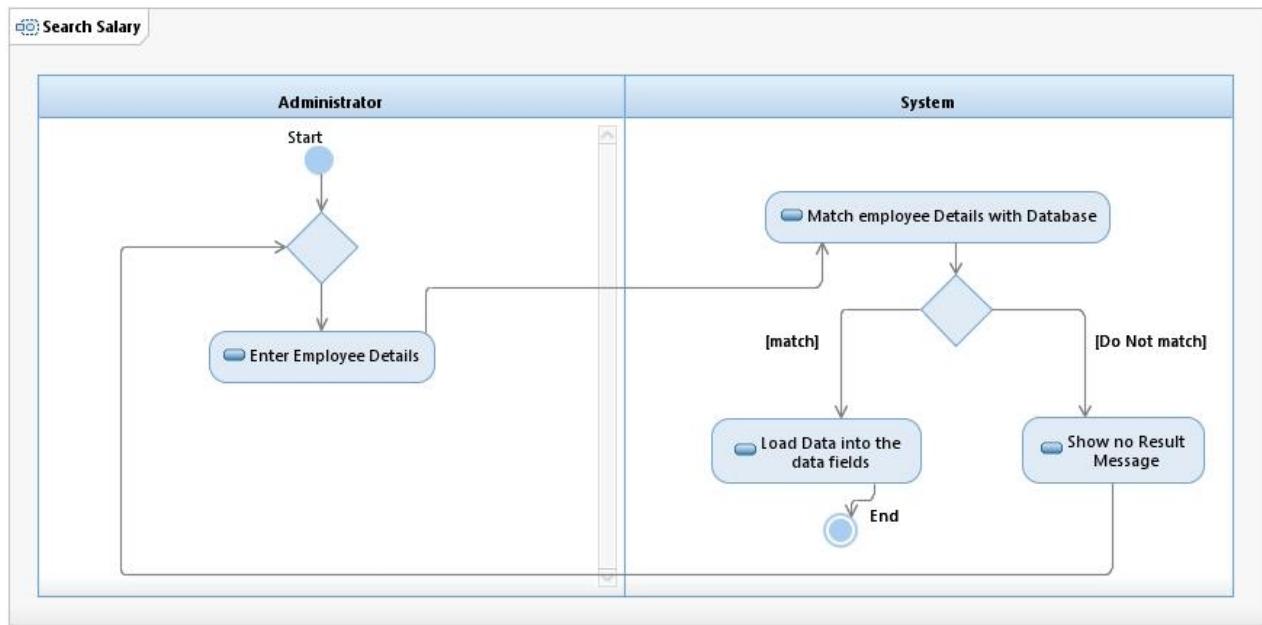


Figure 2.2.2.3– Search Salary AD

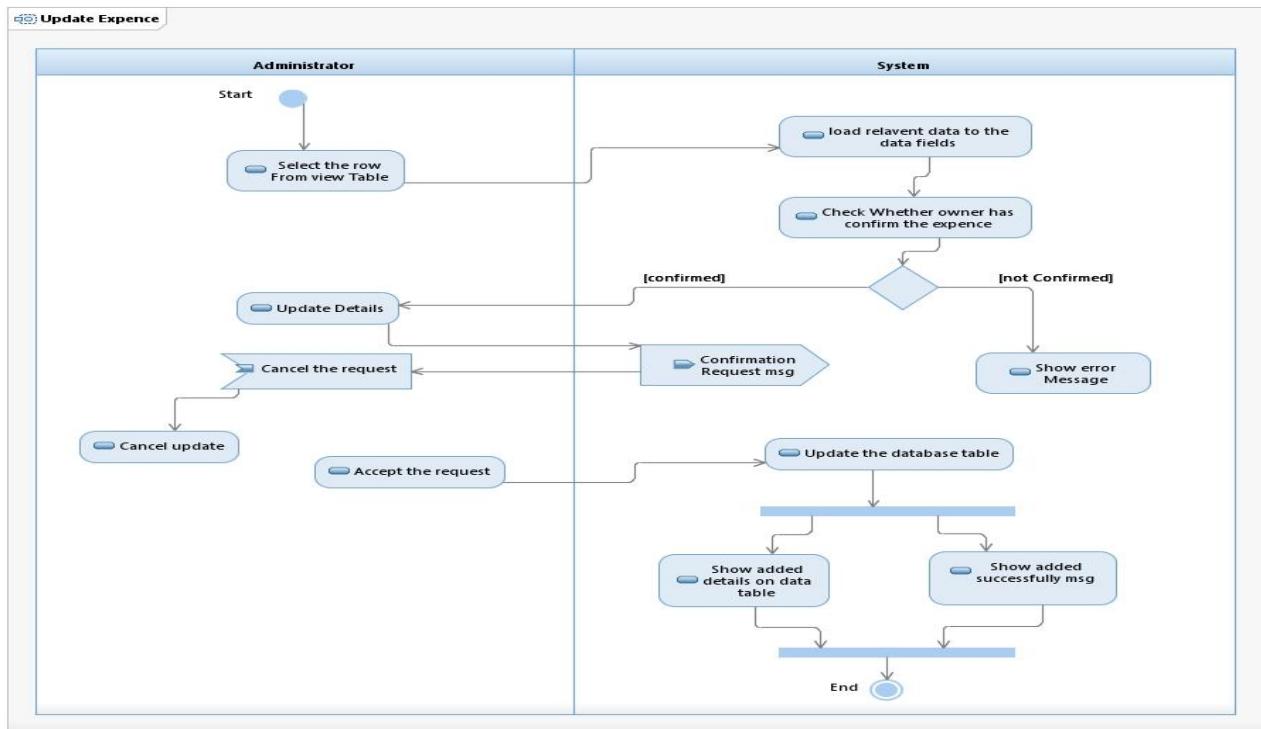


Figure 2.2.2.4– Update Expense AD

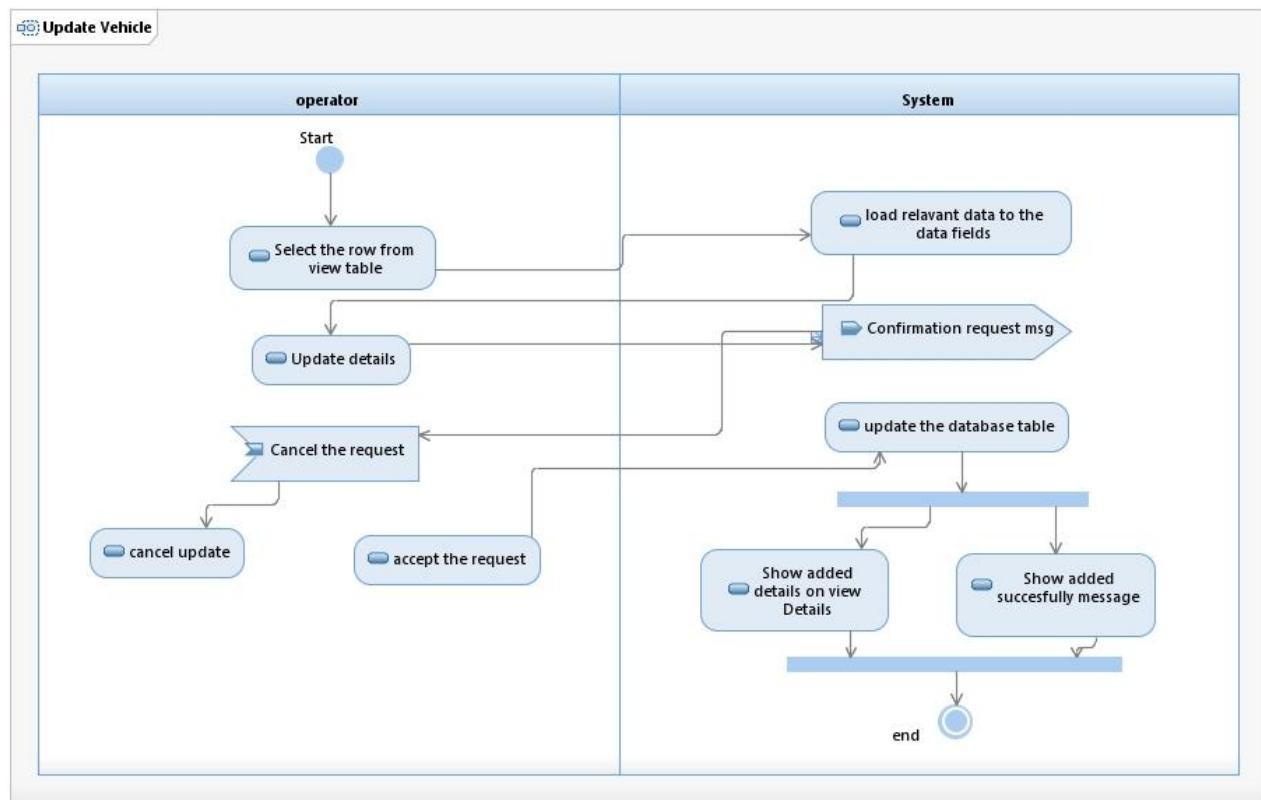


Figure 2.2.2.5– Update Vehicle AD

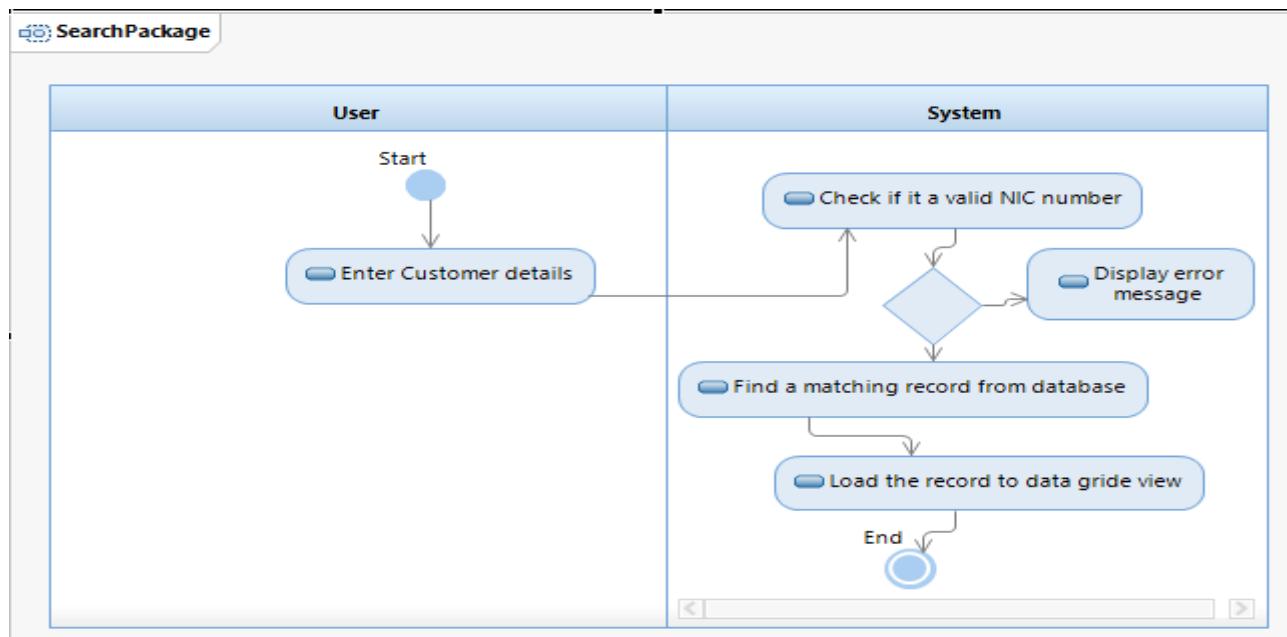


Figure 2.2.2.6– Search Package AD

2.2.3 Class Diagram

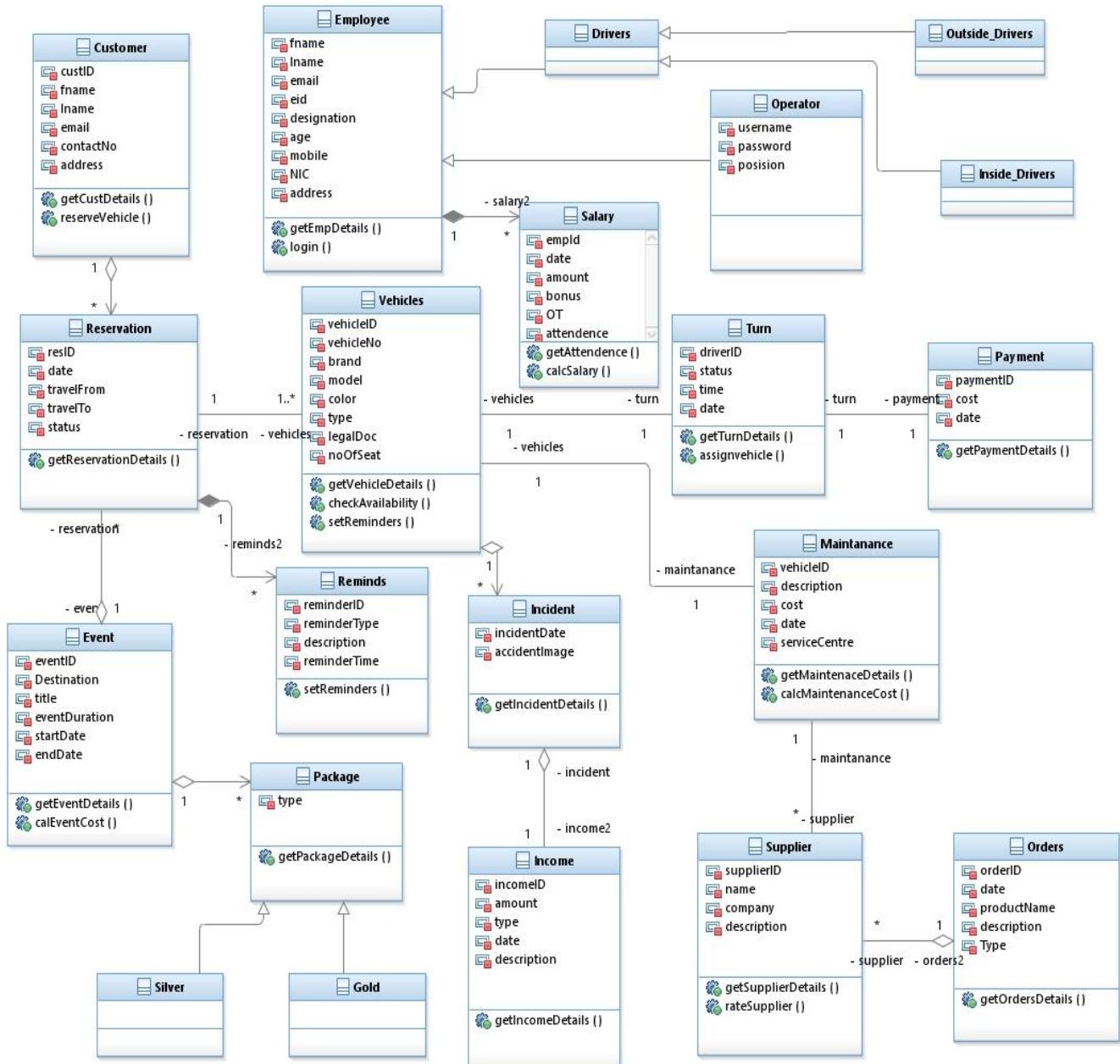


Figure 2.2.3.1 – Class Diagram

2.2.4 Physical Diagram

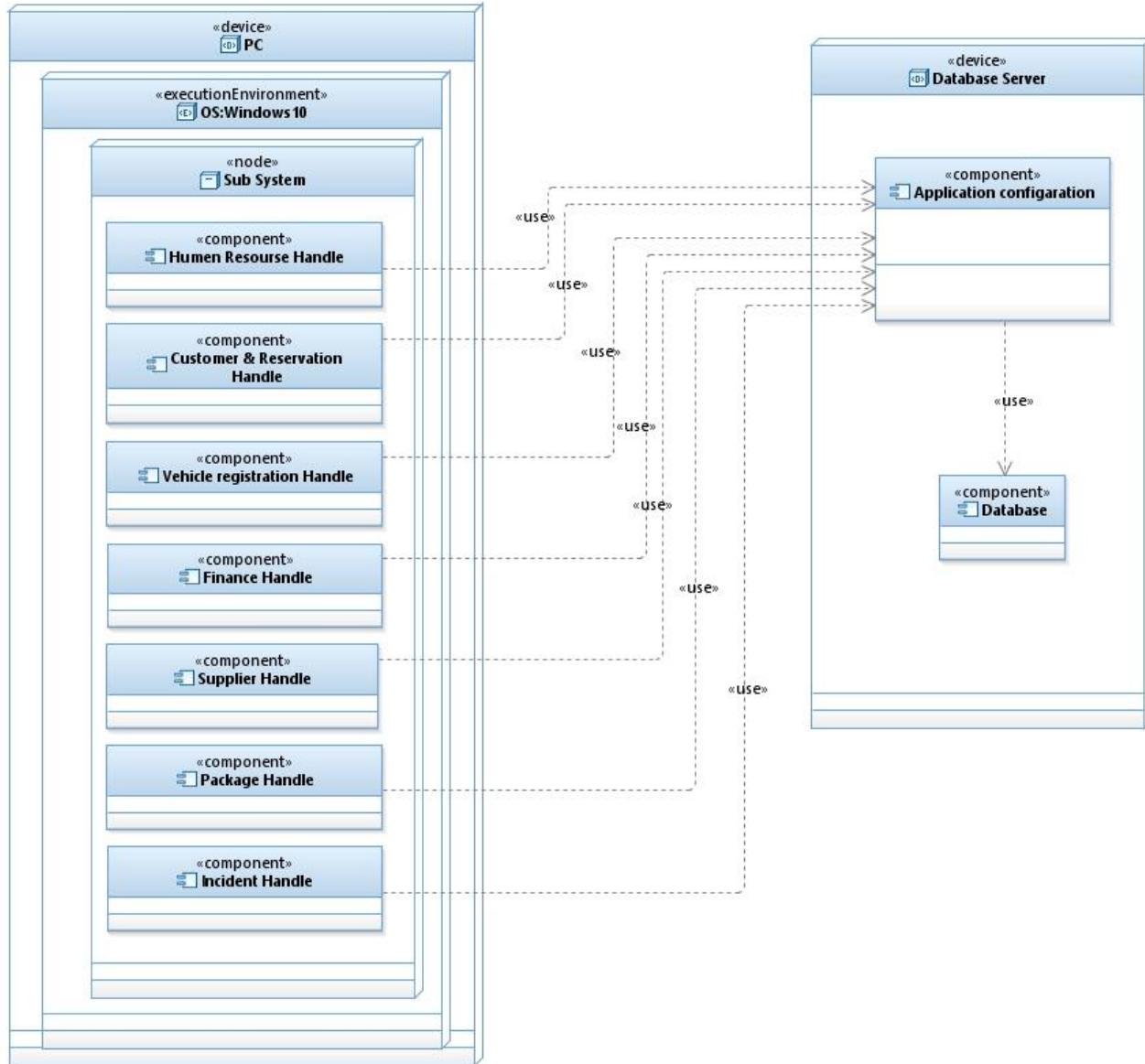


Figure 2.2.4.1 – Physical Diagram

2.2.5 ER Diagram

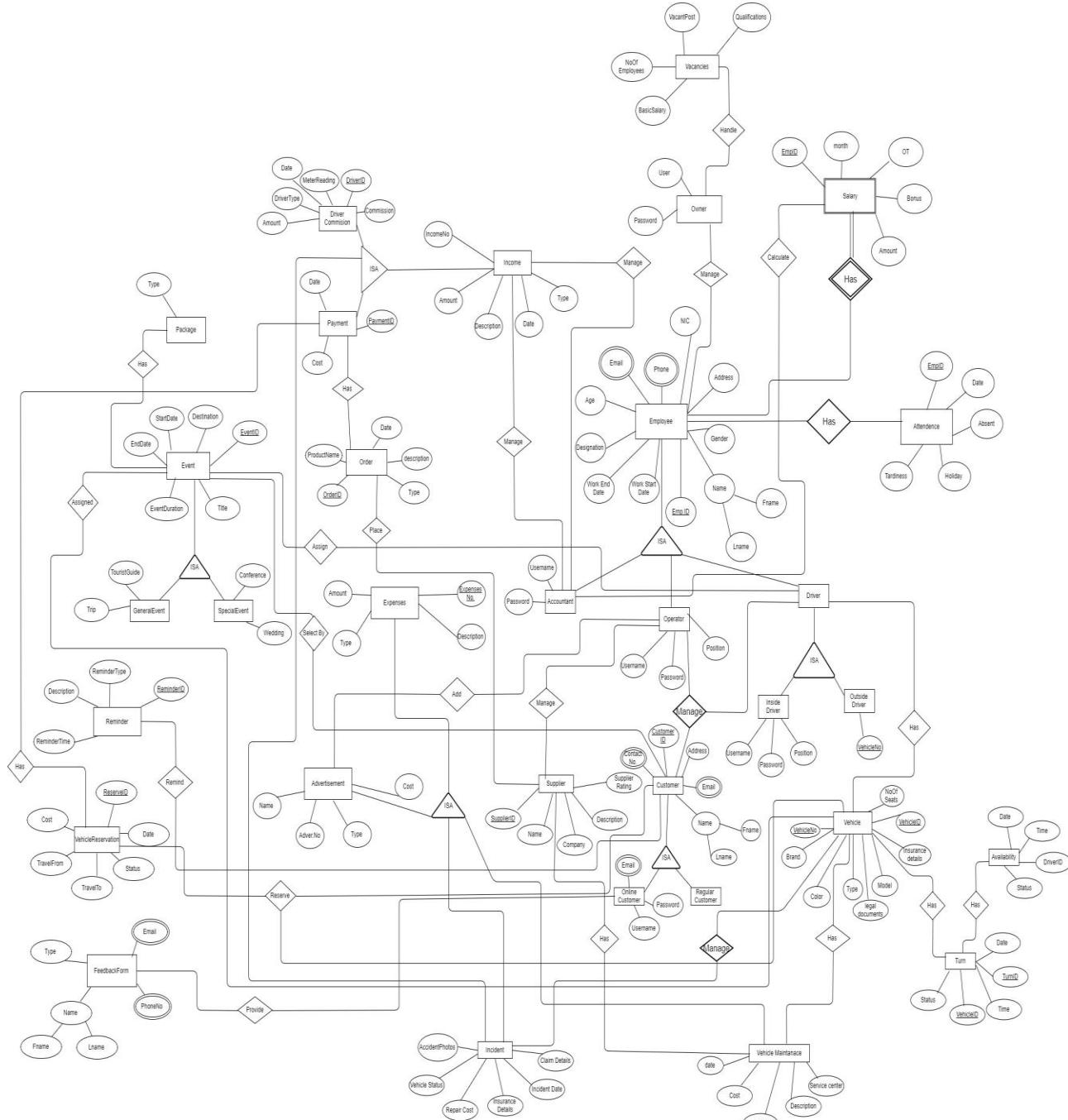


Figure 2.2.5.1 – Physical Diagram

2.3 Implementation

Technology used to develop,

- Microsoft Visual Studio Enterprise 2015
- C# language
- Microsoft SQL Server 2014

The Microsoft Visual Studio Enterprise 2015 relies on types and methods in a standard library for some of the features C# language is used because of the highly expressive, elegant, type-safe features of language and C# is the most powerful programming language for the .NET Framework, with the help of “Visual C++” and a redesigned common language runtime (CLR), a virtual machine component that executes all programs written for .NET. SQL Server 2014 has more efficient access control and permission management tools and offers better performance in data collection.

Data are retrieved from the SQL database using typical SQL queries which is written and those drives data being loaded to separate data tables in data sets.

2.4 Testing

At a high level, this system test intends to prove that the ability to do things, delivered by the needed things engineer, is as specified by the business in the needed thing (paperwork that proves or supports something).

“Comro Cabs” System allows most of necessary actions for the client which they requested.

Software will provide all usual services for (Computer file full of information) such as update and search information.

3. Evaluation

We developed our project as an attractive, user friendly. GUI desktop application along with a web application. To provide maximum user support, we have provided a user friendly environment through the system. Every single GUI is easy to understand and also has an extra help provided by warnings and automated validations to make it even more easy to work with by reducing human errors as much as possible. Because of all the GUIs are more familiar with the manual operating, it will make a better working environment for the user.

The Home GUI is consisted of a navigation which will easily navigate the user to different sections. Also the main GUI also will concern a navigation bar using a tab control. The navigating facility will be working with different user levels secured with a username & password.

3.1 Lessons Learned

The system study investigates the existing system which is operated manually and recommends a more suitable automated system to fulfill the company needs and data processing of vehicles, suppliers, employees, incidents etc.

The system study,

- Analyze the requirements for a new system
- Identify the weakness of the current manual system
- Coding the system
- Provides a complete system including hardware, software, live ware and other facilities

3.2 Future Work

The system we developed is in a very user friendly manner. We have tested and have corrected bugs as much as possible. But if there is any further development to be done, we hope to continue the maintenance of the system of Comro cab Service and car rental.

4. Conclusion

Combro Cab CAB Service "Nimrene (Private) Limited " Management System is a good improvement over manual system. The computerization of the system has sped up the process. In the current system, the receptionist manually handles and keep records of the reserving. Our system was tested with dummy data and so is found to be very reliable.

Shifting of manual system to "Comro Cabs" system, System will be more helpful to the users to work efficiency with present developing and changing environment in different ways.

Using our system,

It is helpful for better managing of work. No need to enter same data using different interfaces. According to the rules, user can't enter any unlatching numbers or characters unwanted fields. So if user trying to type unlatching characters.

System accessed by the admin or a receptionist. And we also put the privilege levels to the users. Only admin can handle finance management & Human Resource Management.

Our system is fully user-friendly. If user enter some unwanted data suddenly, system give notifications for the users to indicate their typing errors.

Our system is very easy to handle and learn. We also give the user manual to the user and whenever user got issue about any of our system function, user can refer the user manual and get the complete idea without any delay. Our system will give the monthly reserving reports. By using our system user can handle the cab service very easily.

5. References

Referred Books:

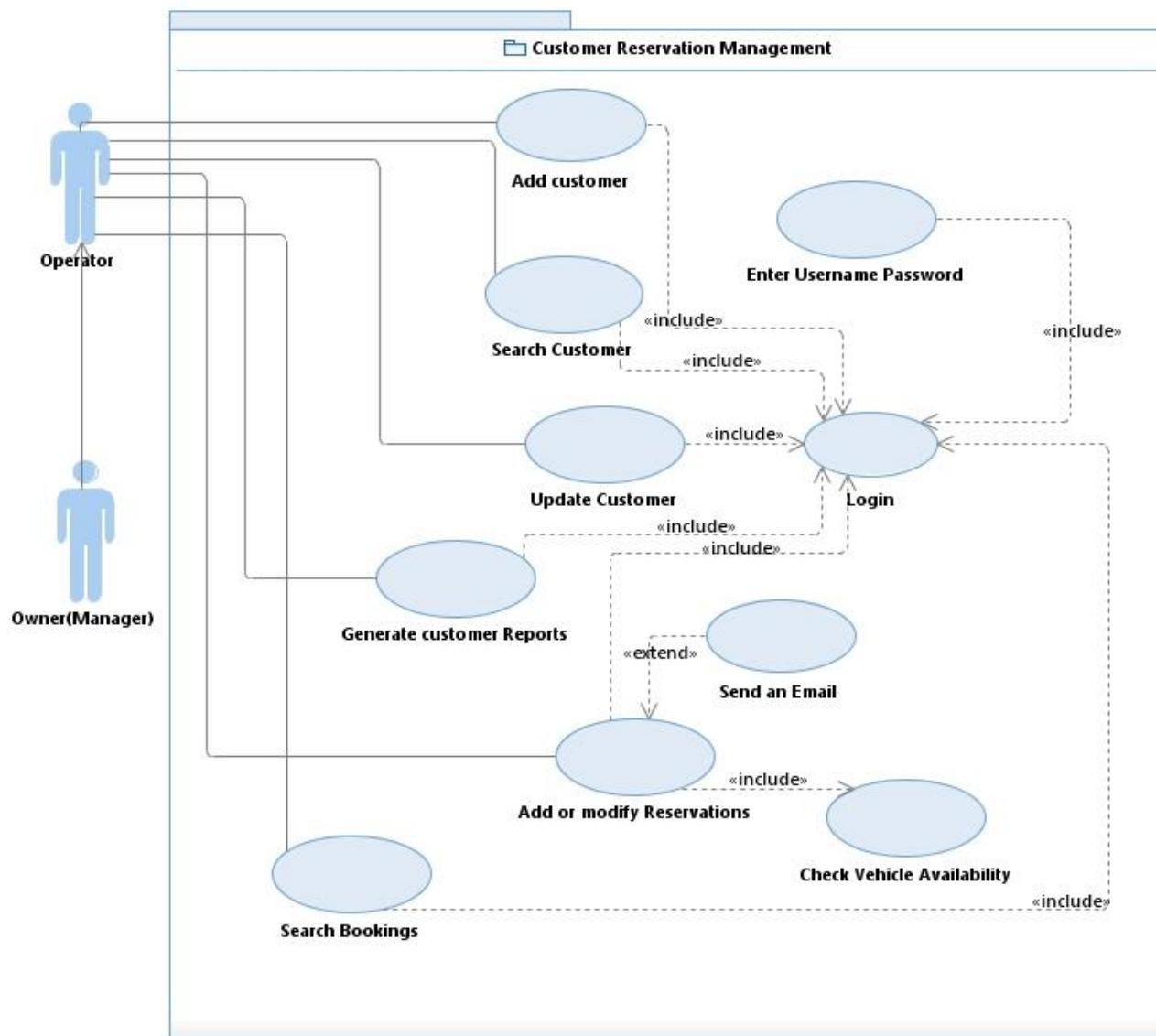
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4. Ragu Ramakrishnan / Jhones Gehrke, Database Management System 3rd edition.McGrow Hill, 2003.

World Wide Web:

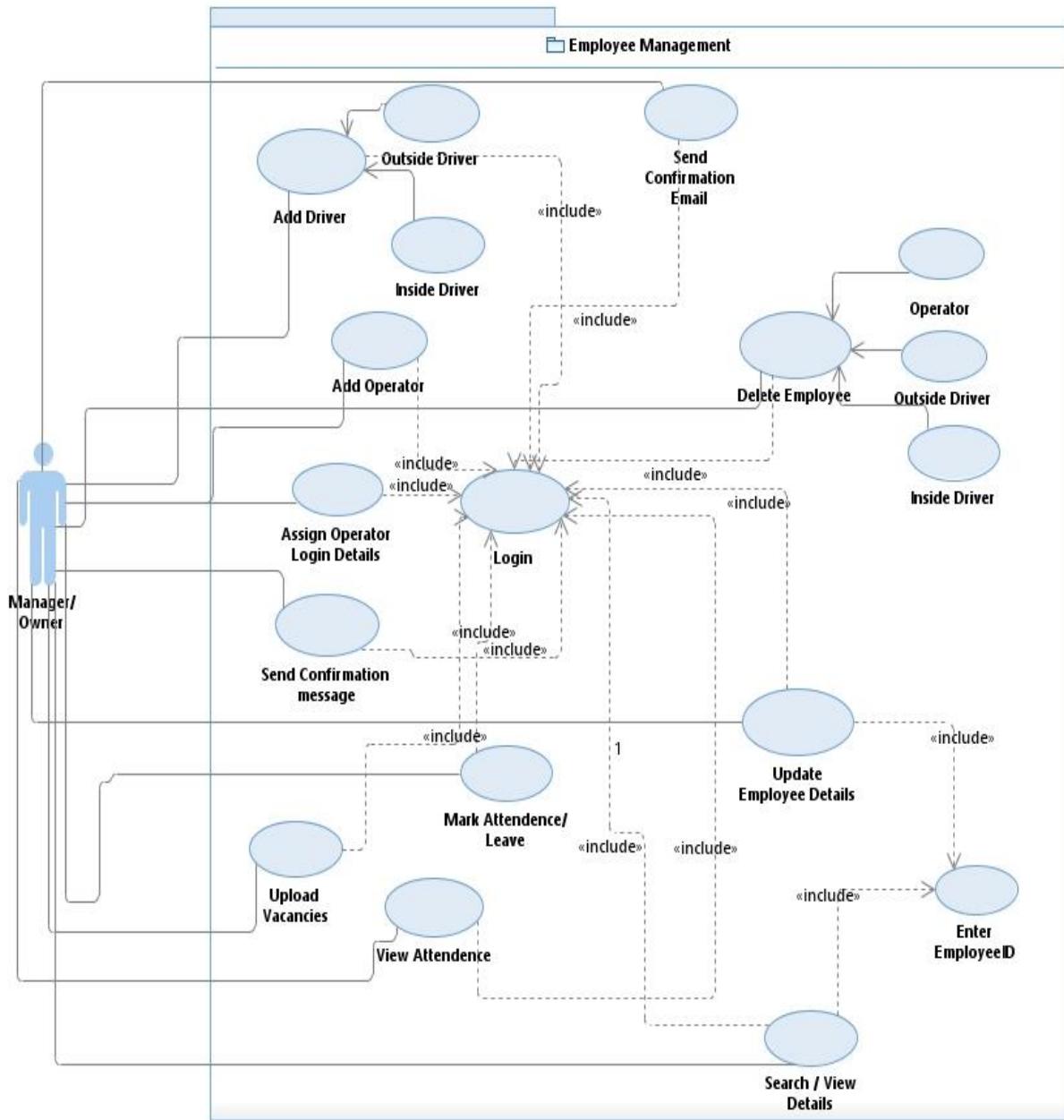
1. http://www.etworkinghub.com/testing_lifecycles.php
2. http://en.wikipedia.org/wiki/Software_maintenance
3. http://www.ieee.org/conferences_events/conferences/publishing/templates/html
4. <http://www.uml-diagrams.org/uml-24-diagrams.html>
5. <http://www.capterra.com/hospitality-property-management-software/>
6. http://en.wikipedia.org/wiki/Software_development_methodology
7. <http://www.uml-diagrams.org/use-case-diagrams.html>
8. <http://www.tutorialspoint.com>

Appendix A: Design Diagrams

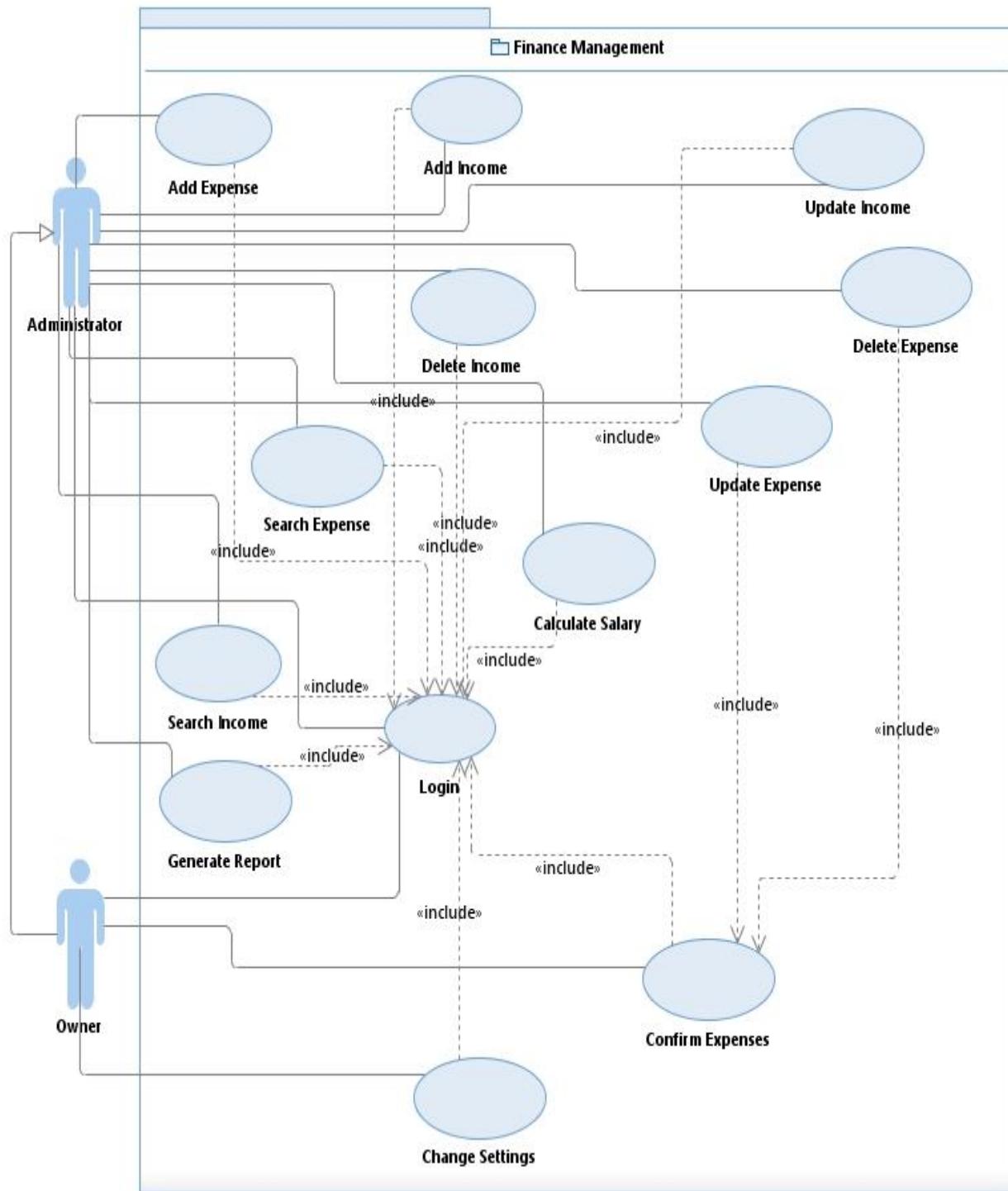
Use Case Diagram



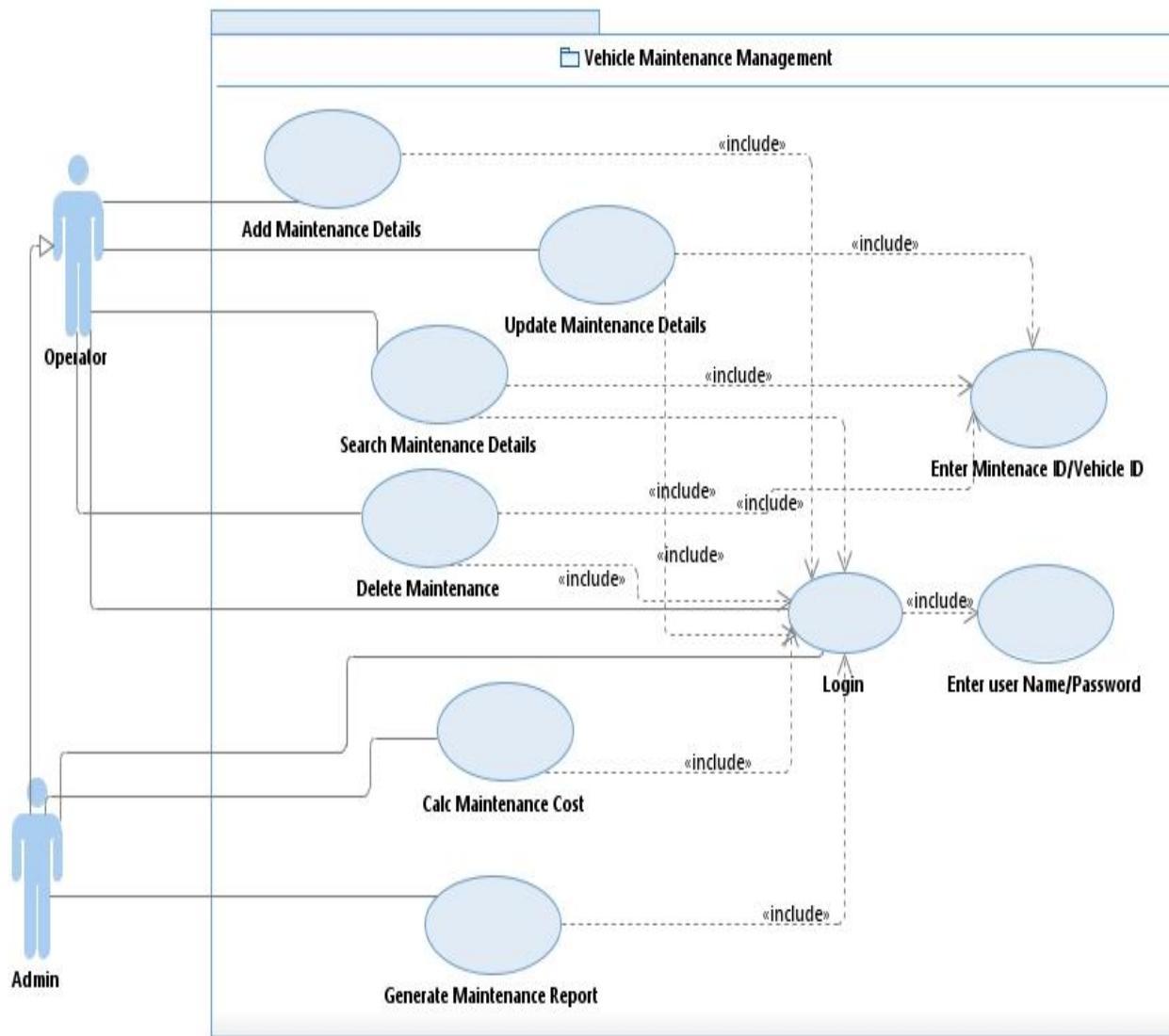
Use case Diagram I – Customer Reservation Management



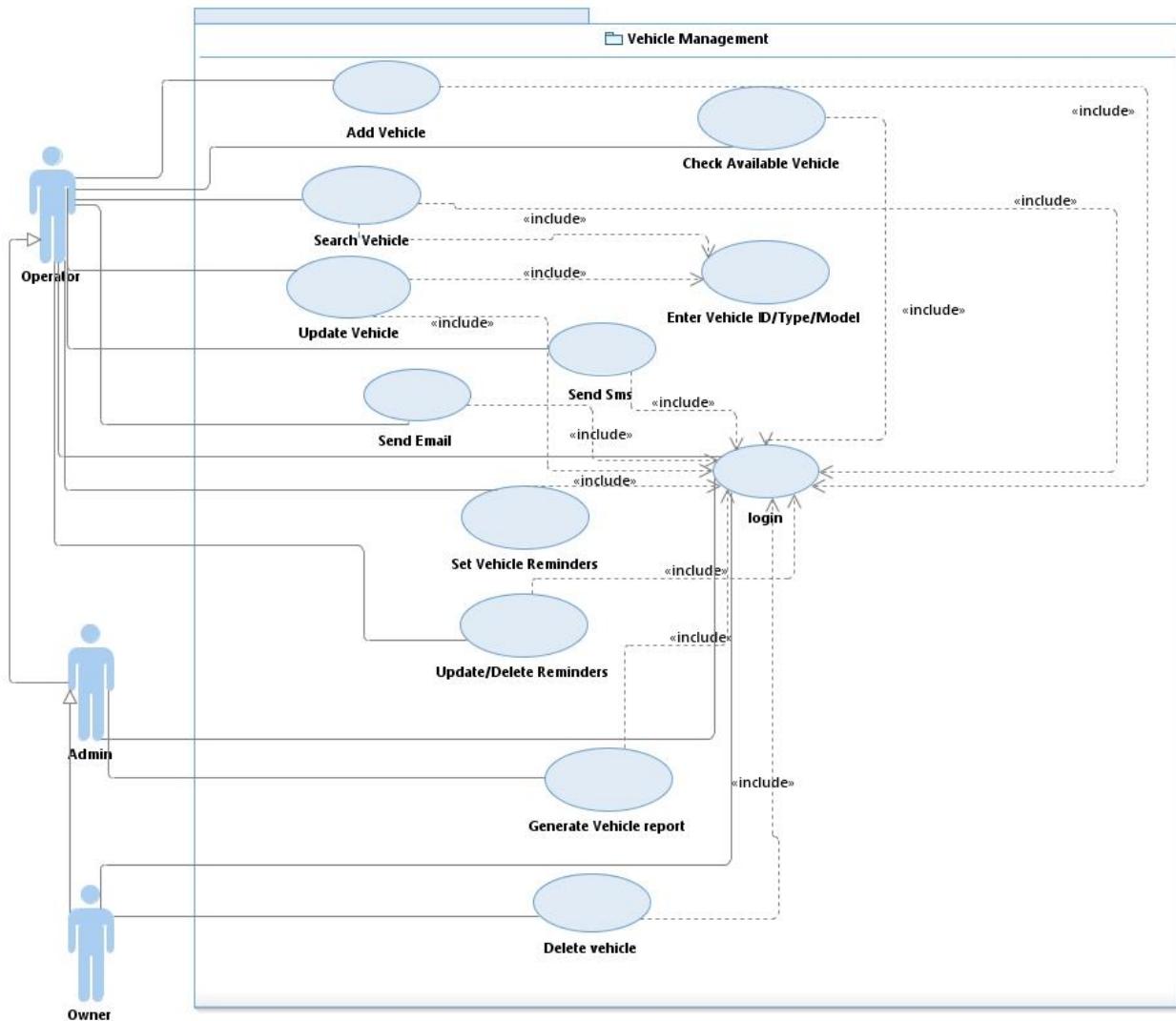
Use case Diagram II – Employee Management



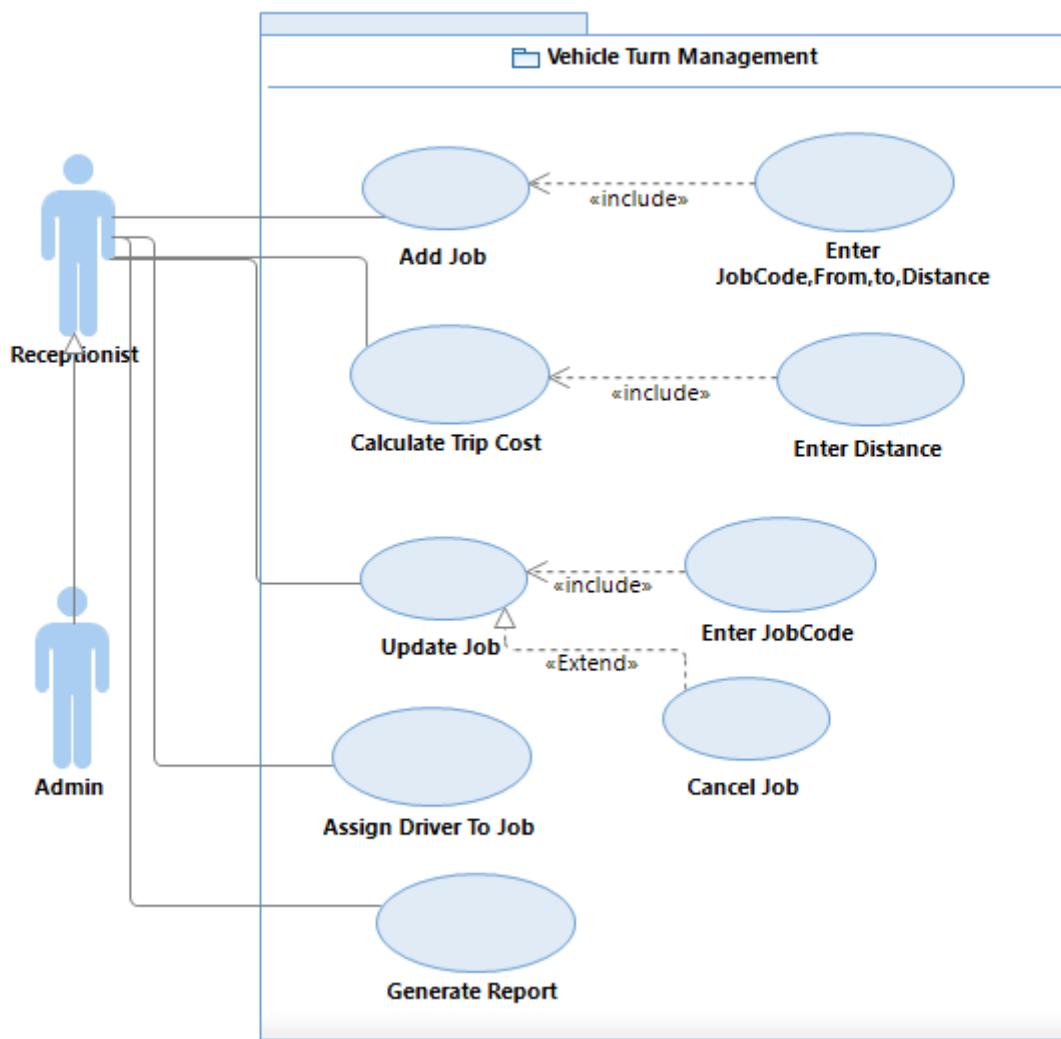
Use case Diagram III – Finance Management



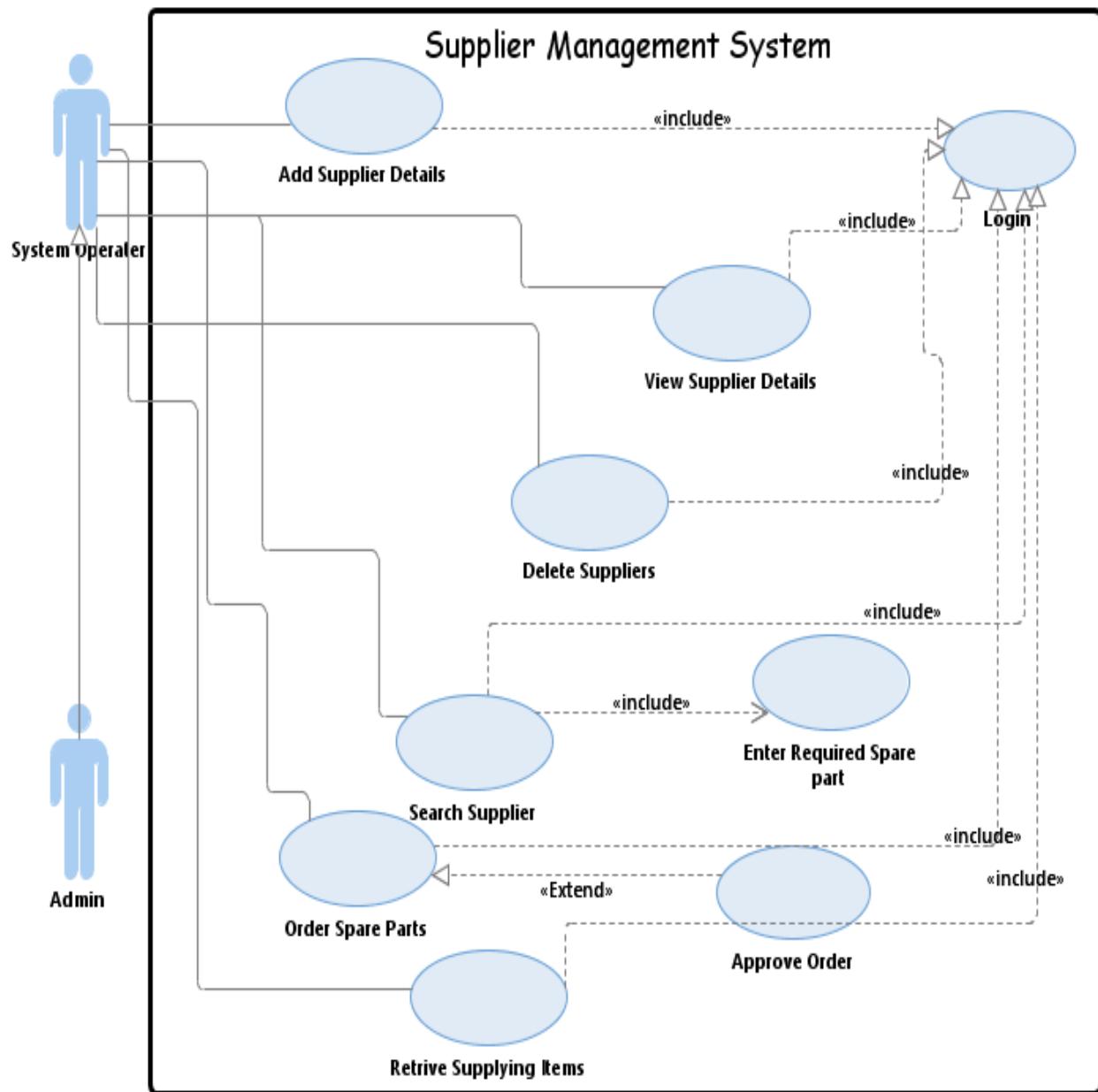
Use case Diagram IV – Vehicle Maintenance Management



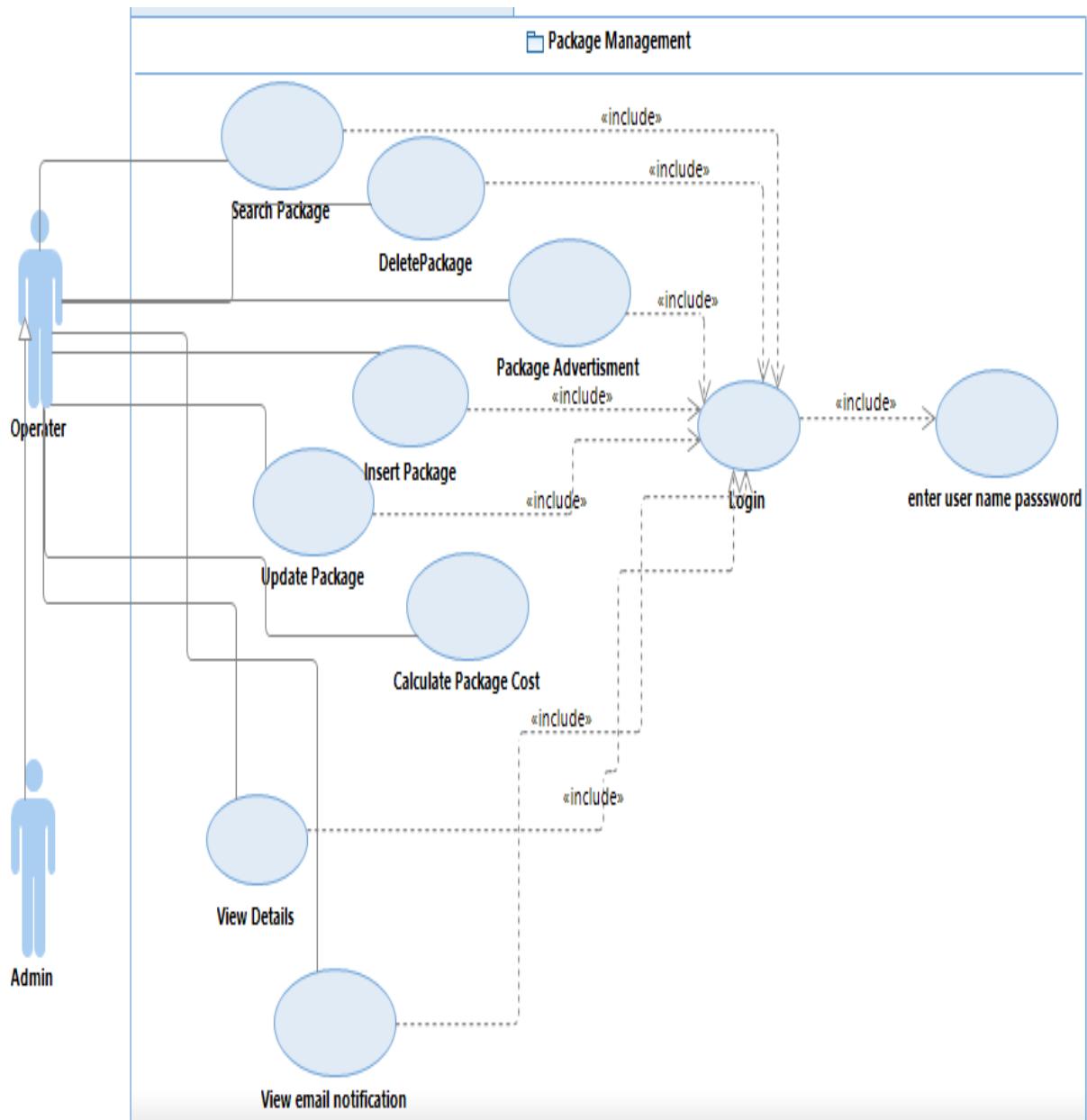
Use case Diagram V – Vehicle Management



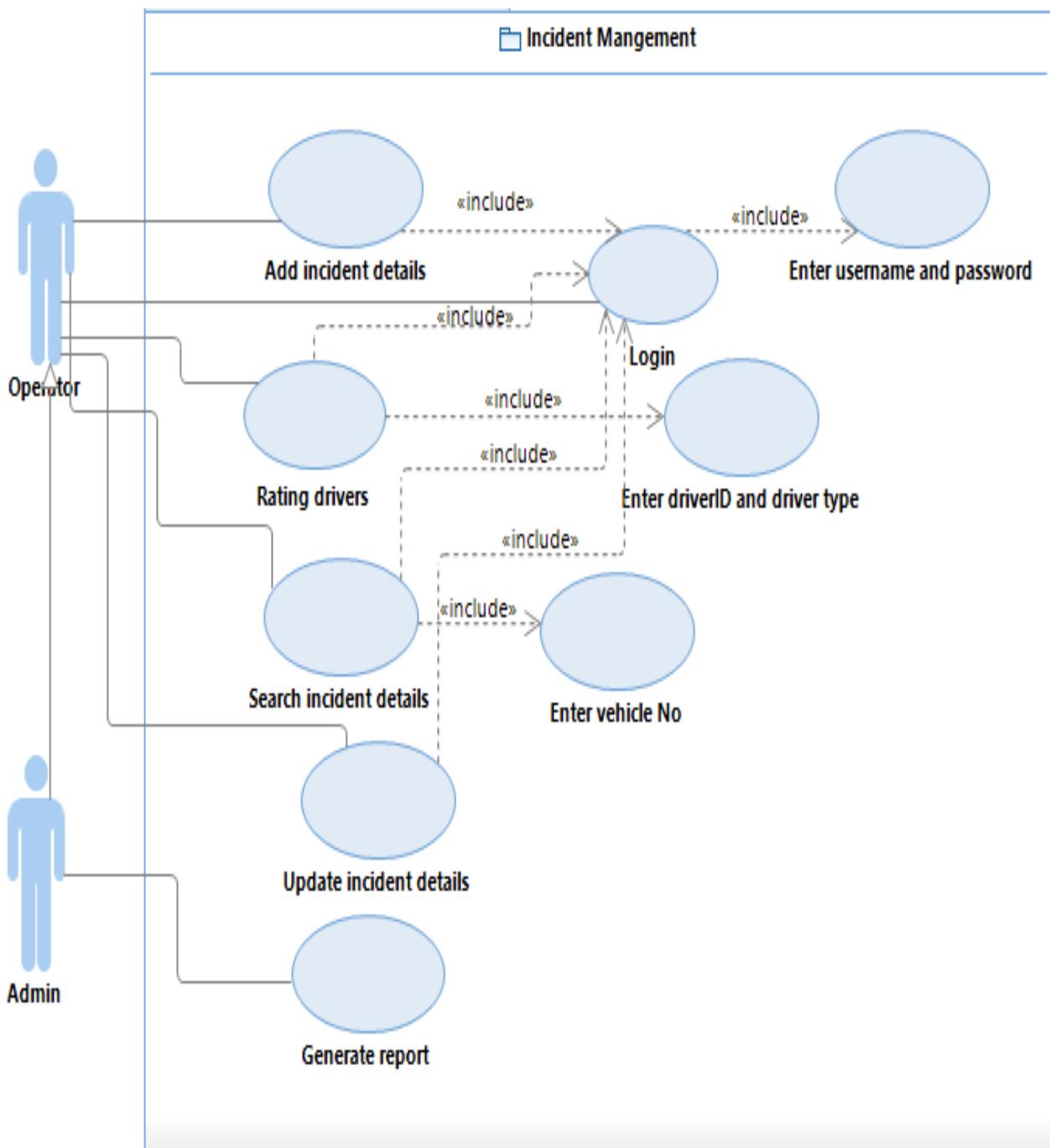
Use case Diagram VI – Vehicle Turn Management



Use case Diagram VII – Supplier Management System



Use case Diagram VIII – Package Management



Use case Diagram IX – Incident Management

Appendix B: Test Results

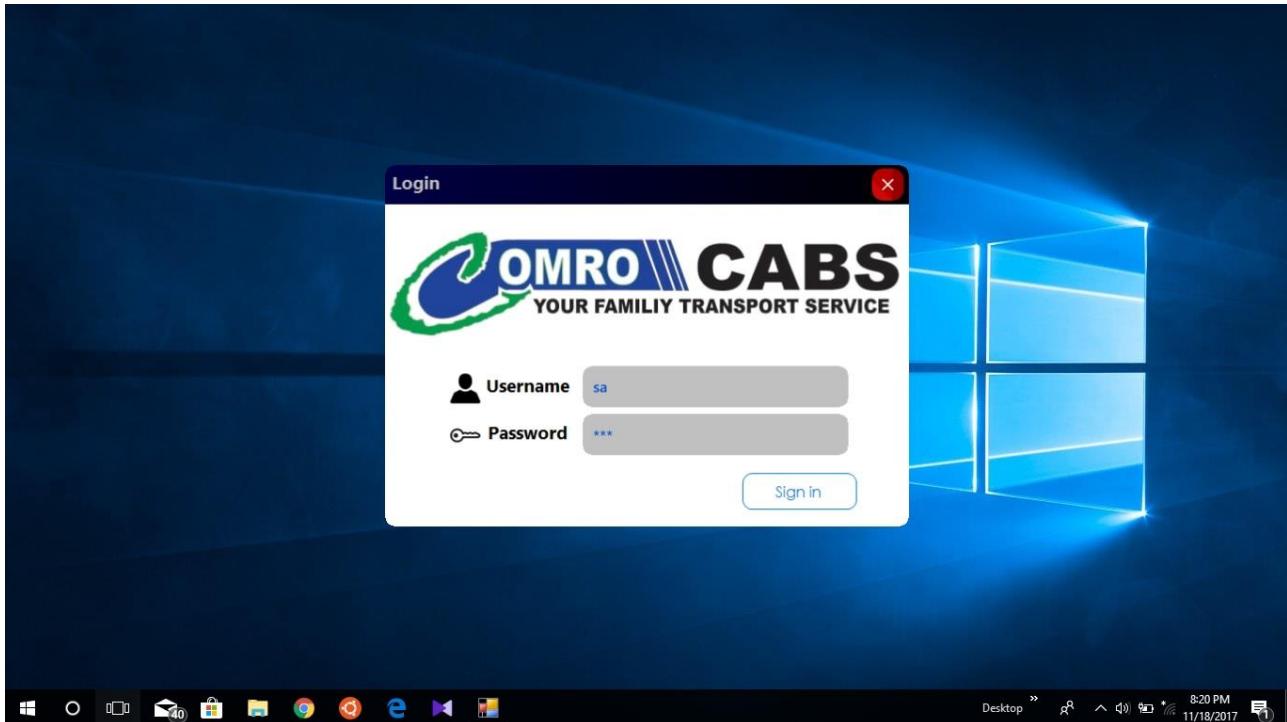


Figure 2.4.1 - Login

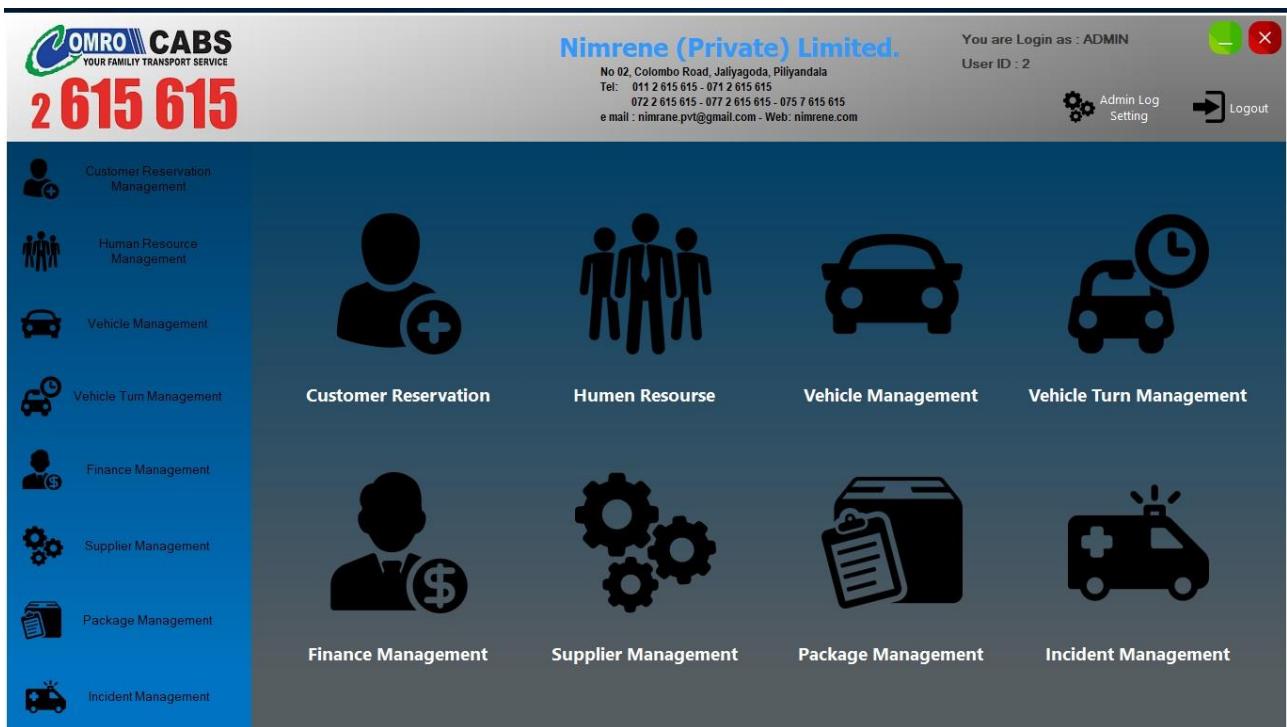


Figure 2.4.2 - Maintenance

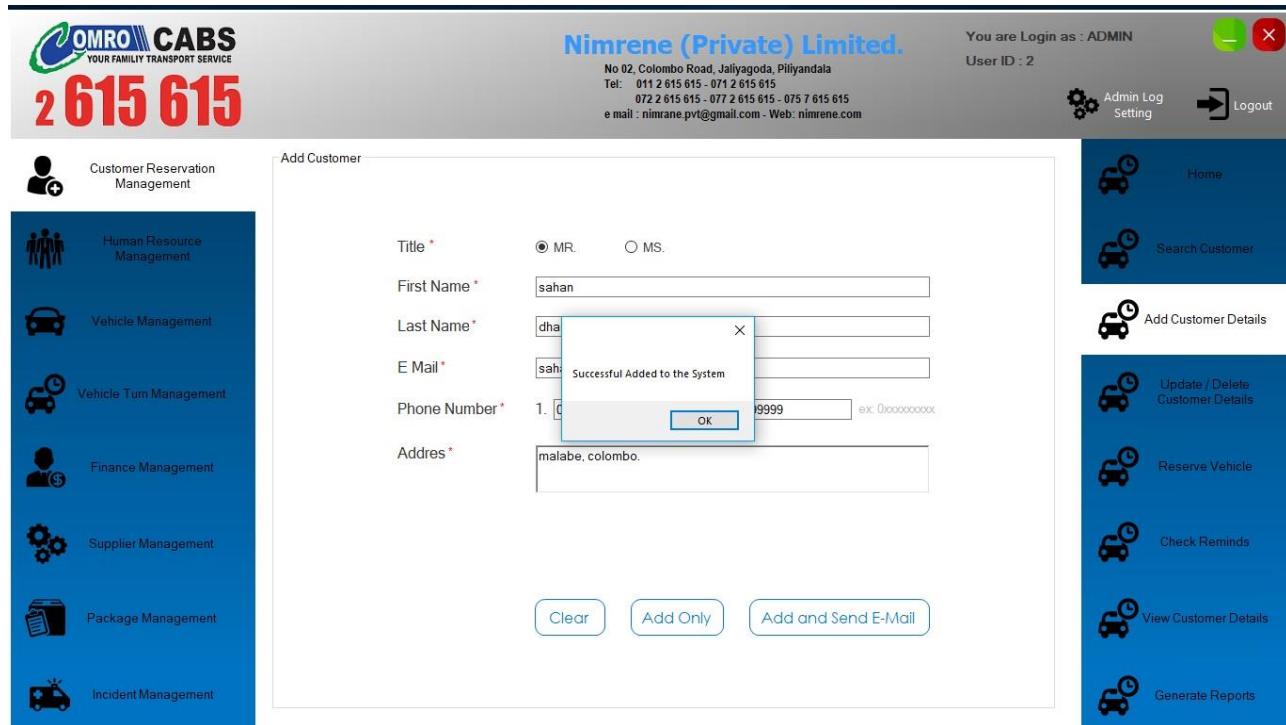


Figure 2.4.3 – Insert Customer

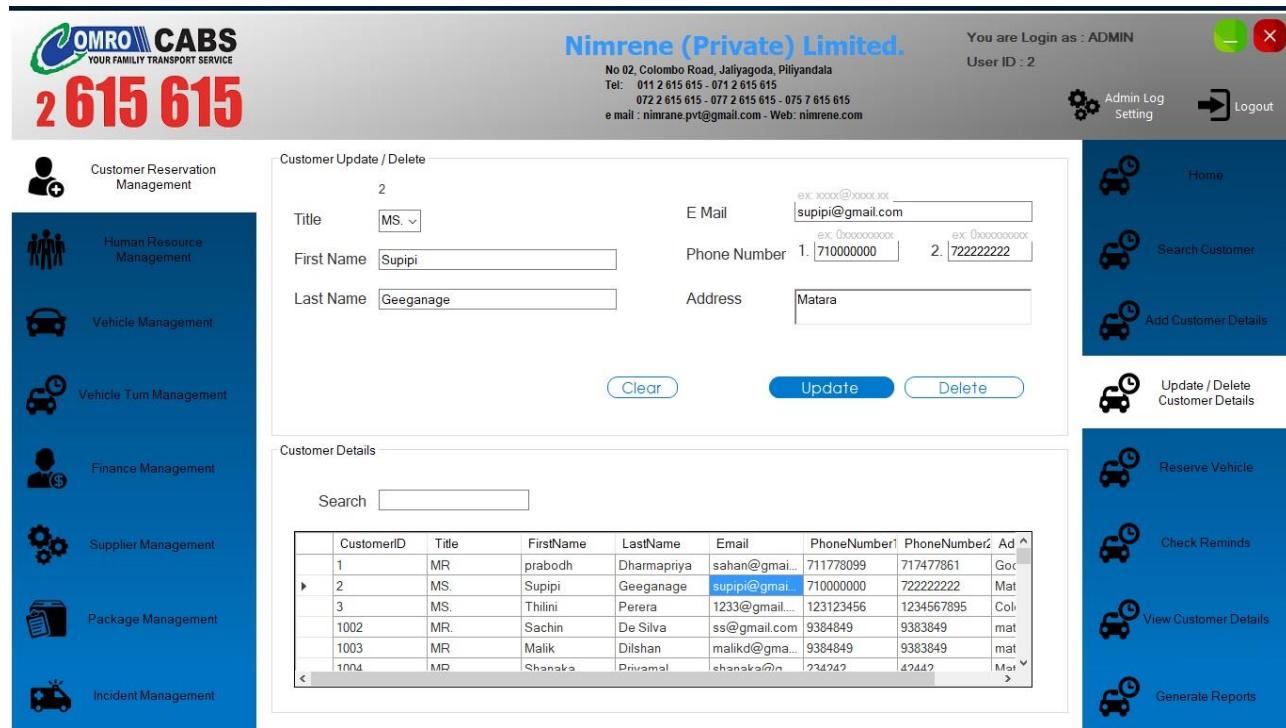


Figure 2.4.4 – Update Customer

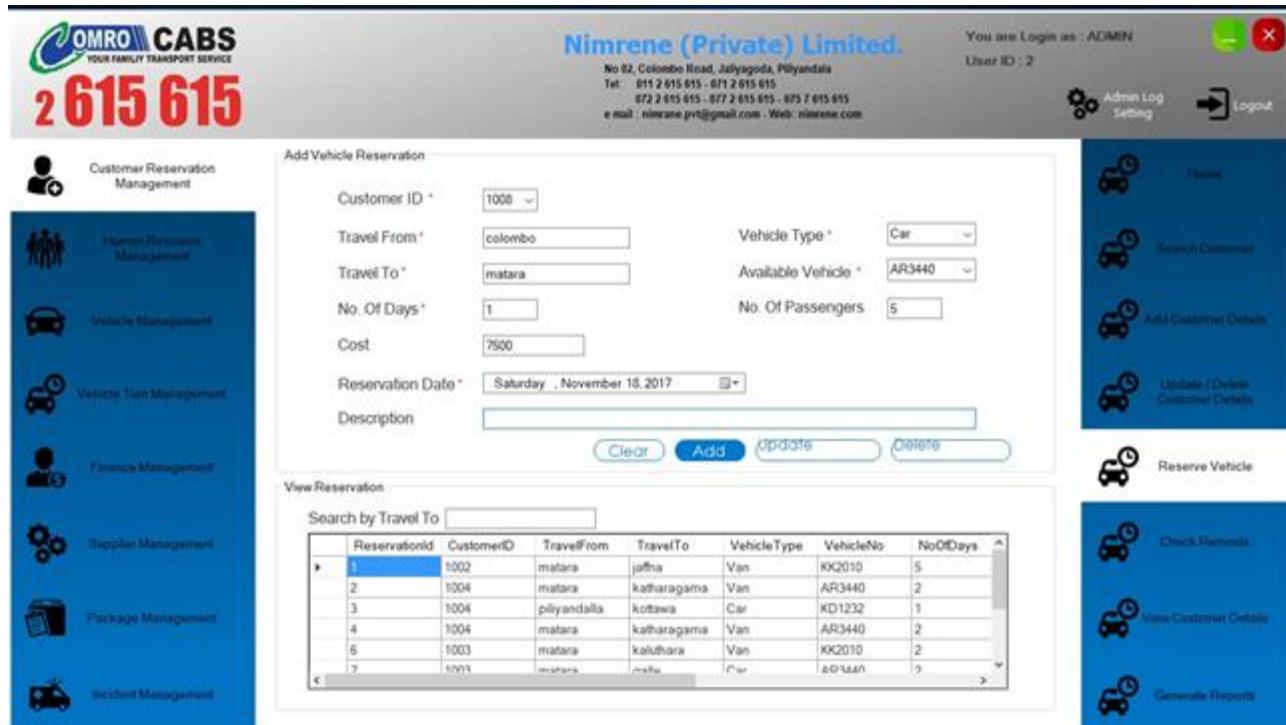


Figure 2.4.5 – Vehicle Reservation



Figure 2.4.6 – Available Operators

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrane.pvt@gmail.com - Web: nimrane.com

You are Login as : ADMIN
You are Login as UID : 2

Logout

Customer Reservation Management

Human Resource Management

Vehicle Management

Vehicle Turn Management

Finance Management

Supplier Management

Package Management

Incident Management

Home

Register Operator

Register Driver

Attendance

Employee Vacancies

Edit Driver Details

Edit Operator Details

Search/ View

Figure 2.4.7 – Register Inside Driver

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrane.pvt@gmail.com - Web: nimrane.com

You are Login as : ADMIN
You are Login as UID : 2

Logout

Customer Reservation Management

Human Resource Management

Vehicle Management

Vehicle Turn Management

Finance Management

Supplier Management

Package Management

Incident Management

Home

Register Operator

Register Driver

Attendance

Employee Vacancies

Edit Driver Details

Edit Operator Details

Search/ View

Figure 2.4.8 – View Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaffayagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

ADD SUPPLIERS

Company Name

Address

Supplying Items

- Tires
- Brake Pads
- Rim Covers
- Mud Guards
- Lights
- Glasses

AGENT CONTACT INFORMATION

E mail

Phone

COMPANY CONTACT INFORMATION

E mail

Phone

Reset **Save**

Home **Add Supplier** **View Supplier Details** **Search Suppliers** **Order Spare Parts** **Order Status**

Figure 2.4.9 – Add Suppliers

Nimrene (Private) Limited.
No 02, Colombo Road, Jaffayagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

ORDER SPARE PARTS

Company Name

Brand

Model

Part

Quantity

Date to be delivered

Register Order

Home **Add Supplier** **View Supplier Details** **Search Suppliers** **Order Spare Parts** **Order Status**

Figure 2.4.10 – Order Spare Parts

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

ONGOING ORDERS

OrderID	Supplier	Part	Quantity	Expected Date	Arrived Date	Status
1	AB Suppliers Pvt ...	Tires	2	1/1/1900	9/24/2017	Recieved
4	XY Motors	Brake Pads	2	9/23/2017	9/24/2017	Recieved
5	XY Motors	Tires	4	10/11/2017	10/18/2017	Recieved
6	Sahan Mud Guards	Mud Guards	2	10/5/2017	10/4/2017	Recieved
7	AB Suppliers	Tires	3	10/10/2017	10/5/2017	Recieved
8	AB Suppliers	Tires	1	9/28/2017	9/26/2017	Recieved
9	Sahan Mud Guards	Mud Guards	12	10/7/2017	10/7/2017	Recieved
10	Malik Spare Parts	Tires	3	10/6/2017	10/5/2017	Recieved
11	Malik Spare Parts	Tires	6	10/6/2017	10/5/2017	Recieved
12	Sahan Mud Guards	Tires	2	10/7/2017		Pending
13	Sahan Mud Guards	Mud Guards	2	10/6/2017		Pending

ORDER STATUS

Pending Orders 12 Arrived Date Saturday , November 18, 2017 Received

Home **Add Supplier** **View Supplier Details** **Search Suppliers** **Order Spare Parts**

Order Status

Figure 2.4.11 – Ongoing Order & Order Status

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

SUPPLIER DETAILS

Supplier_ID	Company_Nam	Address	Items	Phone	Email	Rating
4	Sahan Mud ...	No 22, Ah w...	Mud Guards	0718569874	sehamng@y...	3
2	Melik Spare ...	No 17, Sam...	Tires	0710782434	malikdilshan...	4
3	XY Motors	No 20, Uday...	Tires	0112457898	xymotors@g...	5
8	AB Suppliers	NO 12, Tan...	Tires	0718852654	absuppliers...	
9	Nico Suppliers	no 22, Uday...	Tires	0715467892	nicos@gmai...	3
34	Shan Motors	No 22,Galle ...	Tires	0712654789	shannm@yahoo...	3
36	Shan Motors	No 22,Galle ...	Mud Guards	0712654789	shannm@yahoo...	3
37	Shan Motors	No 22,Galle ...	Lights	0712654789	shannm@yahoo...	3
38	Shan Motors	No 22,Galle ...	Glasses	0712654789	shannm@yahoo...	3
39	XYZ Motors	No 2,Tangal...	Tires	0712633389	sxyzm@yahoo...	4

DELETE SUPPLIER

Supplier ID 4 Delete Supplier

Home **Add Supplier** **View Supplier Details** **Search Suppliers** **Order Spare Parts**

Order Status

Figure 2.4.12 – Supplier Details & Delete Supplier

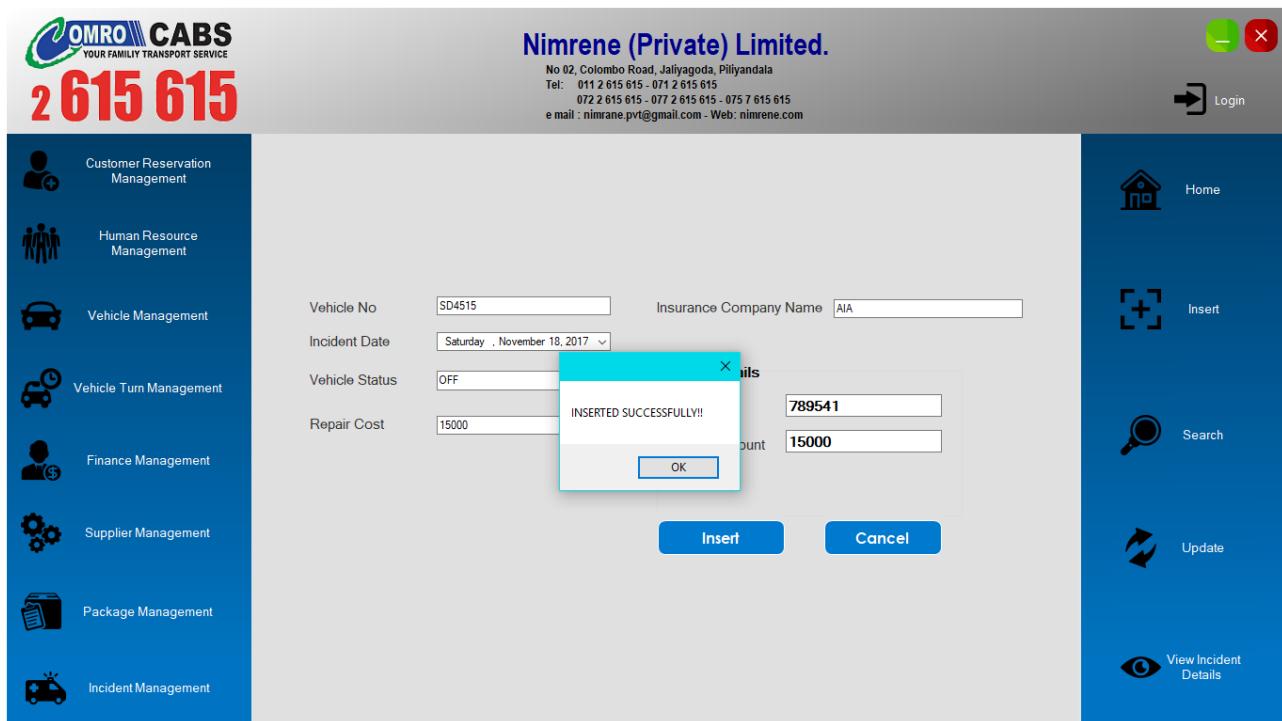


Figure 2.4.13 – Insert Incident

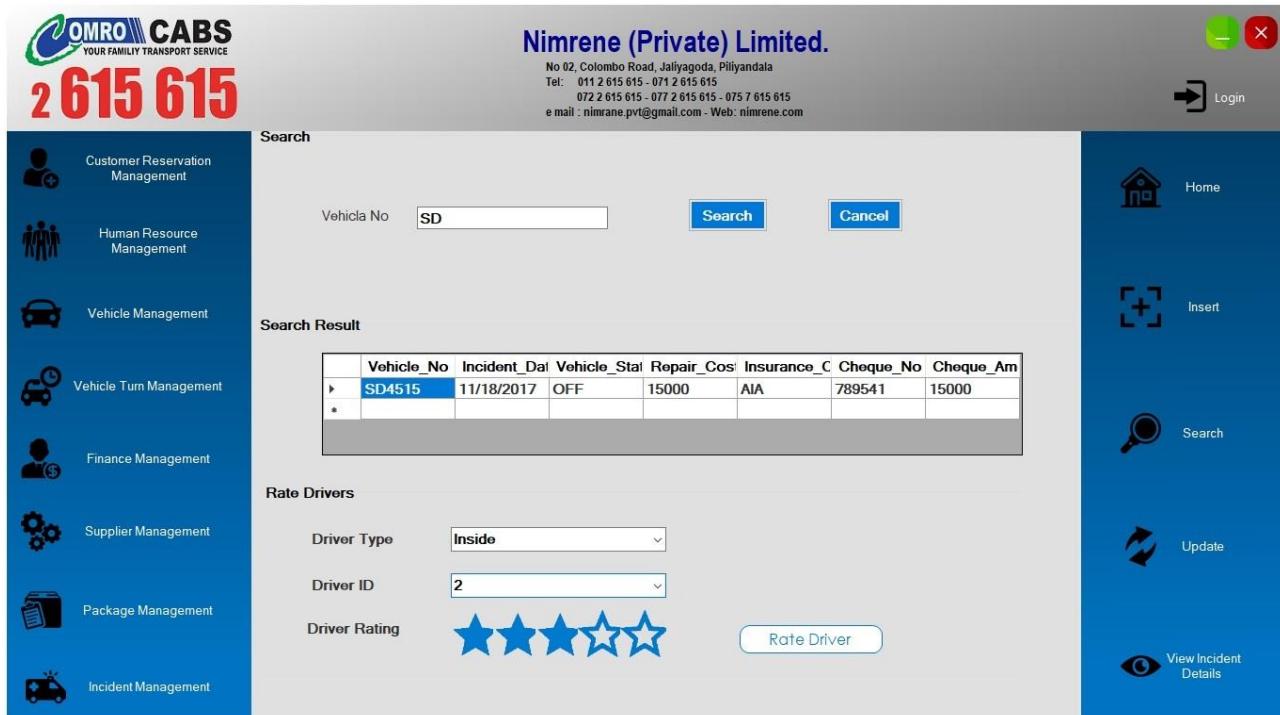


Figure 2.4.14 – Search Incident

The screenshot shows the 'View Incident Details' section. It includes a table with columns: Vehicle_No, Incident_Dat, Vehicle_Status, Repair_Cos, Insurance_C, Cheque_No, and Cheque_Am. The table contains data for various vehicles. Below this is a 'View Drivers Rating' section with a table showing DriverID, DriverID, DriverType, and Rating.

Vehicle_No	Incident_Dat	Vehicle_Status	Repair_Cos	Insurance_C	Cheque_No	Cheque_Am
ZX45781	11/18/2017	OFF	14000	AIA	458754	14000
BM4567	9/18/2017	ON	5000	AIA	985211	5000
BM5453	8/16/2017	OFF	16000	Union As...	890215	16000
CAB3454	9/22/2017	ON	5000	Janashakthi	8949421	5000
CD1234	9/22/2017	ON	21000	AIA	415241	21000
DF4546	1/23/2016	OFF	17000	LOLC	786442	17000
EF6415	4/27/2017	ON	21000	Janashakthi	541278	21000

RatingID	DriverID	DriverType	Rating
1	10	Inside	5
2		Inside	4
3	12	Outside	3
4	14	Inside	5
*			

On the right side, there is a vertical sidebar with icons for Home, Insert, Search, Update, and View Incident Details.

2.4.15 – View Incident Details

The screenshot shows the 'Bill Generator' section. It displays an 'Invoice Receipt' for MRO Cabs - Piliyandala. The receipt includes fields for Reservation ID (16), Customer ID (1004), Travel From (galle), Travel To (matara), Vehicle Type (Car), No Of Days (2), Vehicle NO. (AR3440), No Of Passengers (5), Total Kilometers, and Total Amount For Trip. A message at the bottom says 'THANK YOU - Have a Nice Journey.' On the right, there is a vertical sidebar with icons for Home, Search Customer, Add Customer Details, Update / Delete Customer Details, Reserve Vehicle, Check Reminds, View Customer Details, and Generate Reports.

2.4.16 – Billing Details

The screenshot shows a report titled "Customer Report" for "COMRO CABS YOUR FAMILY TRANSPORT SERVICE". The report lists 8 customer entries in a table:

Title	First Name	Last Name	Email	Phone Number1	Phone Number2	Address
MR	prabodh	Dharmapriya	sahan@gmail.com	711778099	717477861	Godagama, Matara
MS.	Supipi	Geeganage	supipi@gmail.com	710000000	722222222	Matara
MR.	Sachin	De Silva	ss@gmail.com	9384849	9383849	matara,Matara
MR	Malik	Dilshan	malikd@gmail.com	9384849	9383849	matara,Matara
MR.	Shanaka	Priyamal	shanaka@gmail.com	234242	42442	Matara
MR.	ss	sahan	sahan@gmail.com	142323212	123221222	matara
MR.	gamage	nimal	sahangc2010@gmail.co m	788999855	848455154	akureessa, matara
MR.	Nigamuni	Ashan	shnigamuni@gmail.com	711496709	717376470	Dikwella, Matara.

On the left sidebar, there are icons for Customer, Vehicle, Vehicle Turn, Finance, Supplier, Package, and Incident Management. On the right sidebar, there are links for Home, New Customer, Customer Details, Update/Delete Customer Details, Active Vehicle, Next Reminds, and Customer Details. A "Generate Reports" button is also present.

2.4.17 – View Report Details

The screenshot shows a report titled "Report Details" for "Nimrene (Private) Limited." The report lists a single package event for customer "Ashee".

Customer Name	NIC No	Date	Package Type	Package Duration	Event Type	Event_ID	Start Date
Ashee	94563652v	11/19/2017 12:00:00 AM	Silver Package	5	Wedding	45	11/19/2017 12:00:00 AM

On the left sidebar, there are icons for Customer Reservation Management, Human Resource Management, Vehicle Management, Vehicle Turn Management, Finance Management, Supplier Management, Package Management, and Incident Management. On the right sidebar, there are links for Home, Insert Package, Update Package, Delete Package, Search Package, Package Information, Package Report, and View Details. A "Login" button is also present.

2.4.18 – Search Package Report Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 072 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com Web: nimrene.com

Add Package

Customer Name: Sadamini Gamage
NIC No: 894576327v
Date: Thursday , January 19, 2017
E-mail: ashlee123@gmail.com
Package Type: Silver Package
Package Duration: 4
Event Type: Trip
Event_ID: 4
Distination: 9
Package Calculate
Package Cost 200
Total Cost: 6220

View Details

Load Refresh

Customer_Name	NIC_No	Date	Package_Type	Package_Durati	Event_Type	Ever ^
Naduka Madd...	914976327v	1/20/2017	Silver Package	4	Conference	5
Ashlee Gamag...	894576327v	1/19/2017	Silver Package	4	Trip	4
Thuresha ...	943245623v	11/19/2017	Golden Packa...	3	Wedding	5
Mahee ...	943245656v	11/19/2017	Golden Packa...	3	Wedding	5

Home Insert Package Update Package Delete Package Search Package Package Information Package Report View Details

2.4.19 – Package Insert Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 072 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com Web: nimrene.com

You are Login as : ADMIN
You are Login as UID : 1

Add Vehicle

Vehicle Details

Vehicle No : caf4567
Make : toyota
Brand/Model : supra
Type : Car
Year : 2009
Colour : red
Doors : 4
Seat Capacity : 7

Inside / Outside : Outside Vehicle

Picture 

Browse Clear

Vehicle Management System

Message has been successfully sent

OK

maheesha wannigama
986578965v
mahee.wannigama@gmail.com

Owner Mobile : 0717555896

Report : Revenue Licence
 Police Report
 Insurance

Comment : fuel capacity 12.5

Submit Clear E-Mail

Vehicle Details sent to the owner
One outside vehicle is added

Home Insert Update Delete Search

2.4.20 – Send Email Message

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

You are Login as : ADMIN
You are Login as UID : 1

Add Vehicle

Vehicle Details

Vehicle No	caf4567
Make	toyota
Brand/Model	supra
Type	Car
Year	2009
Colour	red
Doors	4
Seat Capacity	7

Inside / Outside : Outside Vehicle

Picture

Other Details

Engine Number	qw23er456t
Chassis Number	qw3456tree
Registered Date	11/25/2017
Mileage	457kmh
Insurance Company	AIA
Licence Exp Date	11/20/2017
Fuel Type	Super unleaded petrol.
Transmission	<input checked="" type="radio"/> Auto <input type="radio"/> Manual

Report

Revenue Licence
 Police Report
 Insurance

Comment: fuel capacity 12.5

Buttons: Submit, Clear, E-Mail, Back

Navigation: Home, Insert, Update, Delete, Search

2.4.21 – Add Vehicle Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

You are Login as : ADMIN
You are Login as UID : 1

Vehicle Reminder

Vehicle service date

at 10.30 am appointment

11/18/2017 12:00:00 AM

Accept

Reminder accepted

OK

November 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Today: 11/19/2017

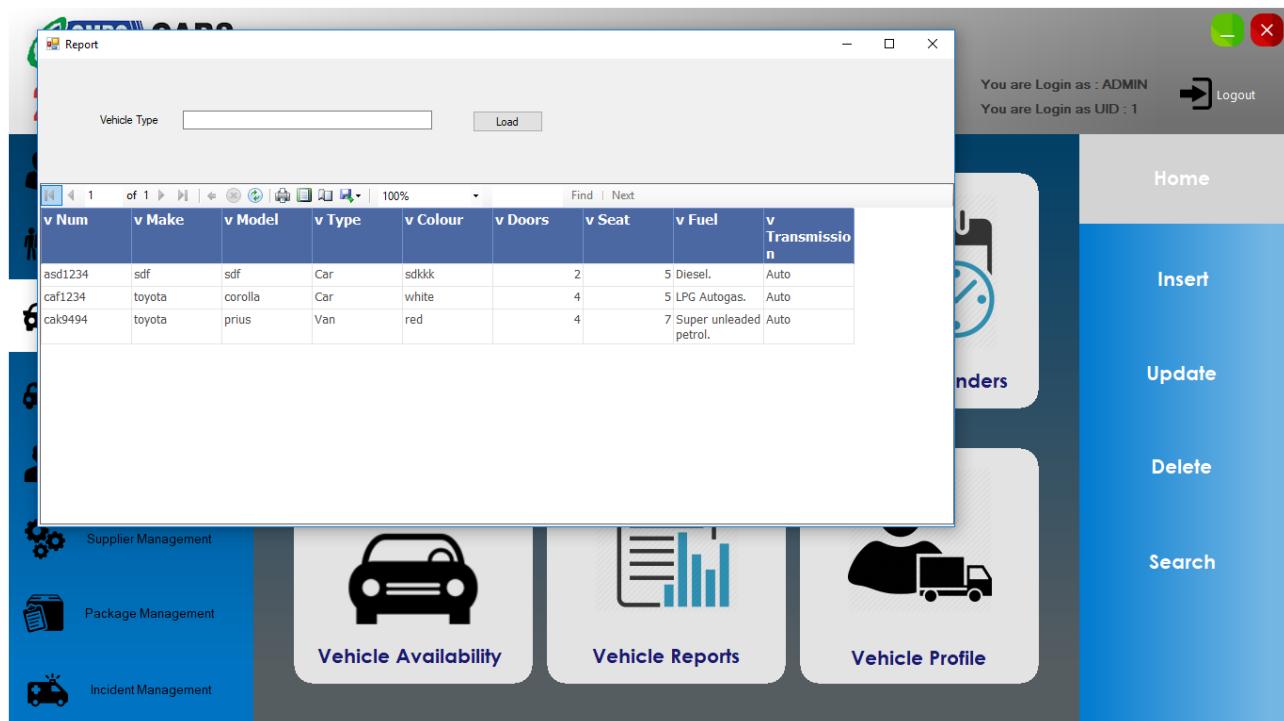
Vehicle Reminder Details

Vehicle	Type	Description	Alert Date
234	Licence e...	heyyyyyy	11/30/2017
234	Vehicle se...	hellothere	11/28/2017
234	Vehicle se...	hellothere	11/22/2017
6	asd1234	Licence e...	11/19/2017
7	caf1234	Vehicle se...	at 10.30 a...

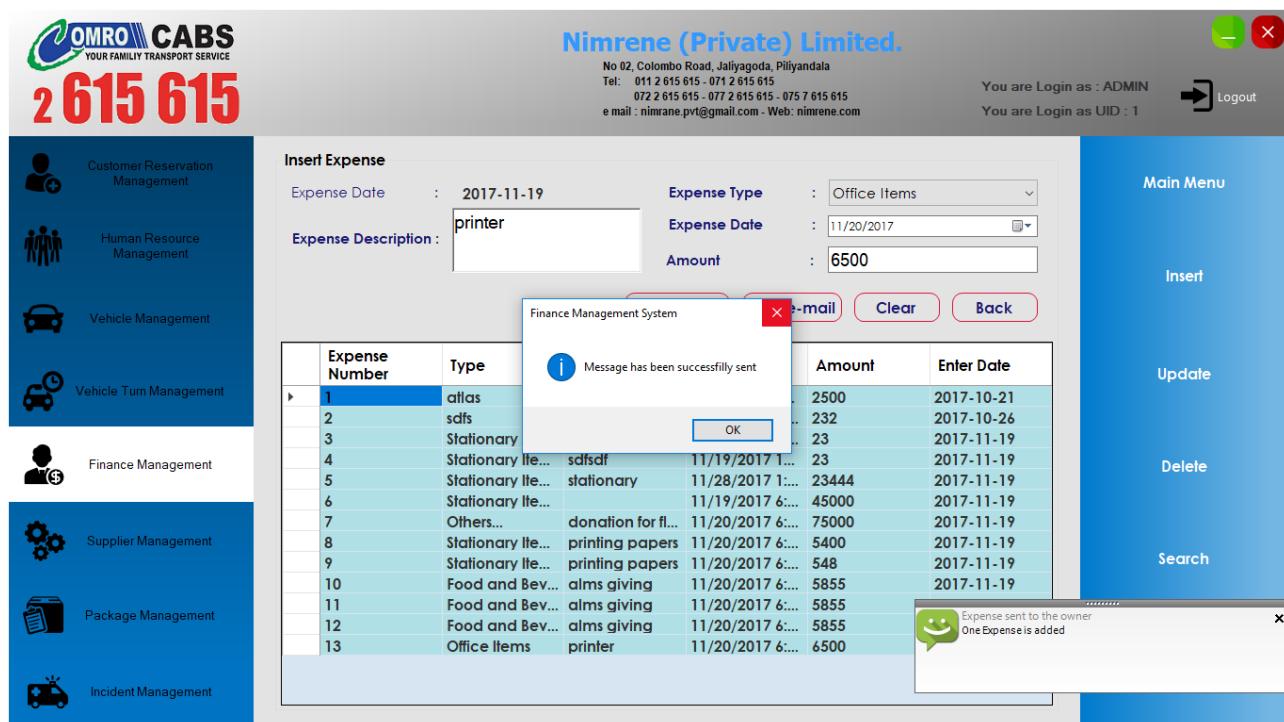
Buttons: Cancel, Save, Back, Edit Reminder, Delete Reminder

Navigation: Home, Insert, Update, Delete, Search

2.4.22 – Vehicle Reminder



2.4.23 – Vehicle Reports



2.4.24 – Send Mail Expense

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

You are Login as : ADMIN
You are Login as UID : 1

Main Menu
Insert
Update
Delete
Search
Report

Expense Number	Type	Amount	Enter Date
1	atlas	2500	2017-10-21
2	sdfs	232	2017-10-26
3	Stationary	23	2017-11-19
4	Stationary It...	23	2017-11-19
5	Stationary It...	23444	2017-11-19
6	Stationary It...	45000	2017-11-19
7	Others...	75000	2017-11-19
8	Stationary It...	5400	2017-11-19
9	Stationary It...	548	2017-11-19
10	Food and Bev...	5855	2017-11-19
11	Food and Bev...	5855	2017-11-19
12	Food and Bev...	5855	2017-11-19

2.4.25 – Add Expense Details

Nimrene (Private) Limited.
Jaliyagoda, Piliyandala
2 615 615
2 615 615 - 075 7 615 615
e-mail.com - Web: nimrene.com

You are Login as : ADMIN
You are Login as UID : 1

exp ID	exp Type	exp Description	exp Date	exp Amount	exp Enter Date
1	Stationary Items	stationary items	10/10/2017 12:00:00 AM	2500	2017-10-21
2	sdfs	adasd	10/26/2017 2:06:14 PM	232	2017-10-26
3	Stationary Items		11/19/2017 8:13:21 AM	23	2017-11-19
4	Stationary Items	sdfsdf	11/19/2017 12:55:44 PM	23	2017-11-19
5	Stationary Items	stationary	11/28/2017 1:03:16 PM	23444	2017-11-19
6	Stationary Items		11/19/2017 6:48:27 PM	45000	2017-11-19
7	Others...	donation for flood relief	11/20/2017 6:48:27 PM	75000	2017-11-19
8	Stationary Items	printing papers	11/20/2017 6:48:27 PM	5400	2017-11-19
9	Stationary Items	printing papers	11/20/2017 6:48:27 PM	548	2017-11-19

2.4.26 – Finance Report Details

2.4.27 –Finance Salary Details

2.4.28 – Search Expense Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaffayagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

ADD SUPPLIERS

Customer Reservation Management
Human Resource Management
Vehicle Management
Vehicle Turn Management
Finance Management
Supplier Management
Package Management
Incident Management

Company Name
Address
Supplying Items Tires
 Brake Pads
 Rim Covers
 Mud Guards
 Lights
 Glasses

AGENT CONTACT INFORMATION
E mail
Phone

COMPANY CONTACT INFORMATION
E mail
Phone

Reset Save

Home Add Supplier View Supplier Details Search Suppliers Order Spare Parts Order Status

2.4.29 – Add Supplier Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaffayagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

ORDER SPARE PARTS

Customer Reservation Management
Human Resource Management
Vehicle Management
Vehicle Turn Management
Finance Management
Supplier Management
Package Management
Incident Management

Company Name
Brand
Model
Part
Quantity
Date to be delivered

Register Order

Home Add Supplier View Supplier Details Search Suppliers Order Spare Parts Order Status

2.4.30 – Supplier Order Spare Parts Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

SEARCH SUPPLIERS

Required Part Search

Available Suppliers View Supplier Details

SUPPLIER DETAILS

Company Name

Providing Parts

Address

E mail Reset

Rating Rate Supplier

Navigation Sidebar (Left)

- Customer Reservation Management
- Human Resource Management
- Vehicle Management
- Vehicle Turn Management
- Finance Management
- Supplier Management
- Package Management
- Incident Management

Navigation Sidebar (Right)

- Home
- Add Supplier
- View Supplier Details
- Search Suppliers
- Order Spare Parts
- Order Status

2.4.30 – Search Supplier Details

Nimrene (Private) Limited.
No 02, Colombo Road, Jaliyagoda, Piliyandala
Tel: 011 2 615 615 - 071 2 615 615
072 2 615 615 - 077 2 615 615 - 075 7 615 615
e mail : nimrene.pvt@gmail.com - Web: nimrene.com

ONGOING ORDERS

OrderID	Supplier	Part	Quantity	Expected Date	Arrived Date	Status
1	AB Suppliers Pvt ...	Tires	2	1/1/1900	9/24/2017	Received
4	XY Motors	Brake Pads	2	9/23/2017	9/24/2017	Received
5	XY Motors	Tires	4	10/11/2017	10/18/2017	Received
6	Sahan Mud Guards	Mud Guards	2	10/5/2017	10/4/2017	Received
7	AB Suppliers	Tires	3	10/10/2017	10/5/2017	Received
8	AB Suppliers	Tires	1	9/28/2017	9/26/2017	Received
9	Sahan Mud Guards	Mud Guards	12	10/7/2017	10/7/2017	Received
10	Malik Spare Parts	Tires	3	10/6/2017	10/5/2017	Received
11	Malik Spare Parts	Tires	6	10/6/2017	10/5/2017	Received
12	Sahan Mud Guards	Tires	2	10/7/2017		Pending
13	Sahan Mud Guards	Mud Guards	2	10/6/2017		Pending

ORDER STATUS

Pending Orders Arrived Date Received

Navigation Sidebar (Left)

- Customer Reservation Management
- Human Resource Management
- Vehicle Management
- Vehicle Turn Management
- Finance Management
- Supplier Management
- Package Management
- Incident Management

Navigation Sidebar (Right)

- Home
- Add Supplier
- View Supplier Details
- Search Suppliers
- Order Spare Parts
- Order Status

2.4.31 – Supplier Ongoing Order Details

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SUPPLIER DETAILS

Supplier_ID	Company_Nam...	Address	Items	Phone	Email	Rating
4	Sahan Mud ...	No 22, Ah w...	Mud Guards	0718569874	sahanmg@yah...	3
2	Malik Spare ...	No 17, Sam...	Tires	0710782434	malikdilshan...	4
3	XY Motors	No 20, Uday...	Tires	0112457896	xymotors@g...	5
8	AB Suppliers	NO 12, Tan...	Tires	0718852654	absuppliers...	
9	Nico Suppliers	no 22, Uday...	Tires	0715467892	nicos@gmai...	3
34	Shan Motors	No 22,Galle...	Tires	0712654789	shannm@yahoo...	3
36	Shan Motors	No 22,Galle ...	Mud Guards	0712654789	shannm@yahoo...	3
37	Shan Motors	No 22,Galle ...	Lights	0712654789	shannm@yahoo...	3
38	Shan Motors	No 22,Galle ...	Glasses	0712654789	shannm@yahoo...	3
39	XYZ Motors	No 2,Tangal...	Tires	0712633389	sxyzm@yahoo...	4

DELETE SUPPLIER

Supplier ID: 4 Delete Supplier

2.4.32 – View Supplier Details

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Vehicle Details

Vehicle No: SD4515 Insurance Company Name: AIA

Incident Date: Saturday , November 18, 2017

Vehicle Status: OFF

Repair Cost: 15000

Inserted Successfully!

OK

Insert Cancel

2.4.33 – Incident Insert Details

2.4.33 – Incident Insert Details

The screenshot shows the Cab Service Management System interface. On the left, there is a sidebar with various management icons: Customer Reservation Management, Human Resource Management, Vehicle Management, Vehicle Turn Management, Finance Management, Supplier Management, Package Management, and Incident Management. The main area has a header "Nimrene (Private) Limited." with address and contact information. A search bar at the top allows searching by vehicle number (SD). Below it, a "Search Result" table shows one record: SD4515, 11/18/2017, OFF, 15000, AIA, 789541, 15000. To the right, a vertical toolbar provides navigation options: Home, Insert, Search, Update, and View Incident Details.

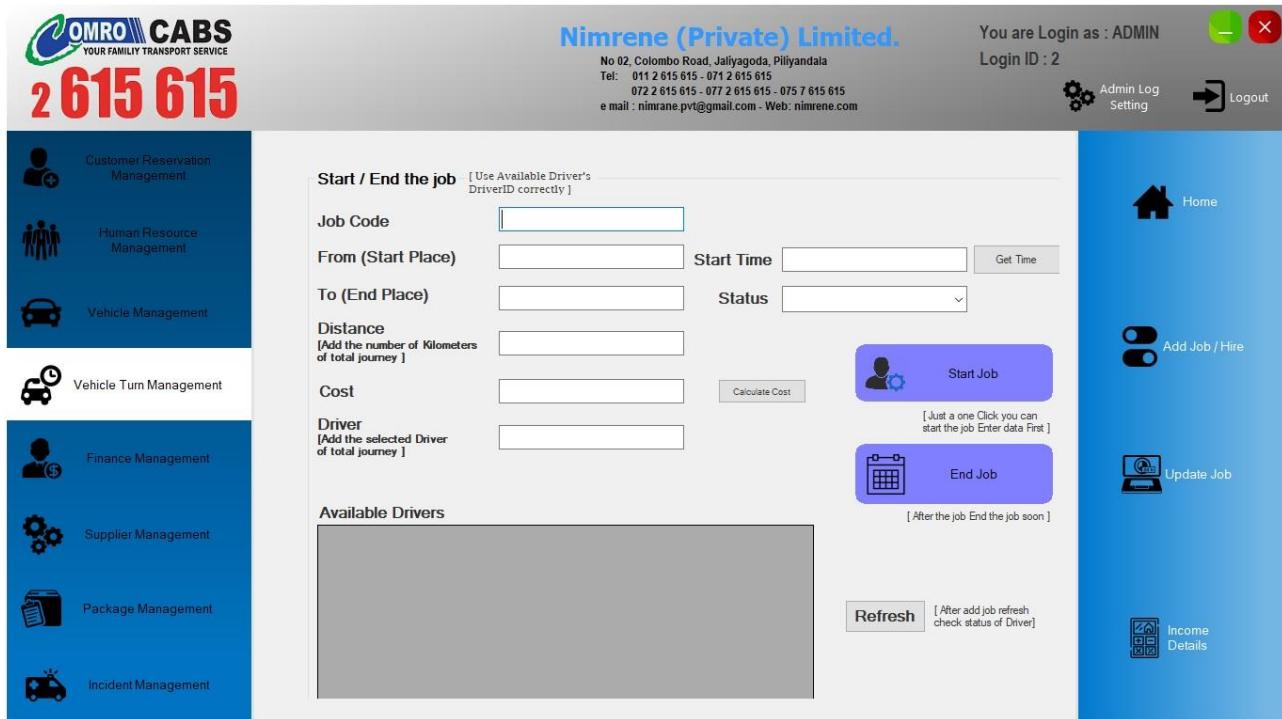
2.4.34 – Incident Search Details

This screenshot shows the "View Incident Details" page. It features a table of incidents with columns: Vehicle_No, Incident_Dat, Vehicle_Status, Repair_Cos, Insurance_C, Cheque_No, and Cheque_Am. The table contains several entries. Below the table is a "Drivers Rating" section with a table showing DriverID, DriverID, DriverType, and Rating. The sidebar on the left is identical to the previous screenshot, and the right sidebar includes a "View Drivers Rating" button.

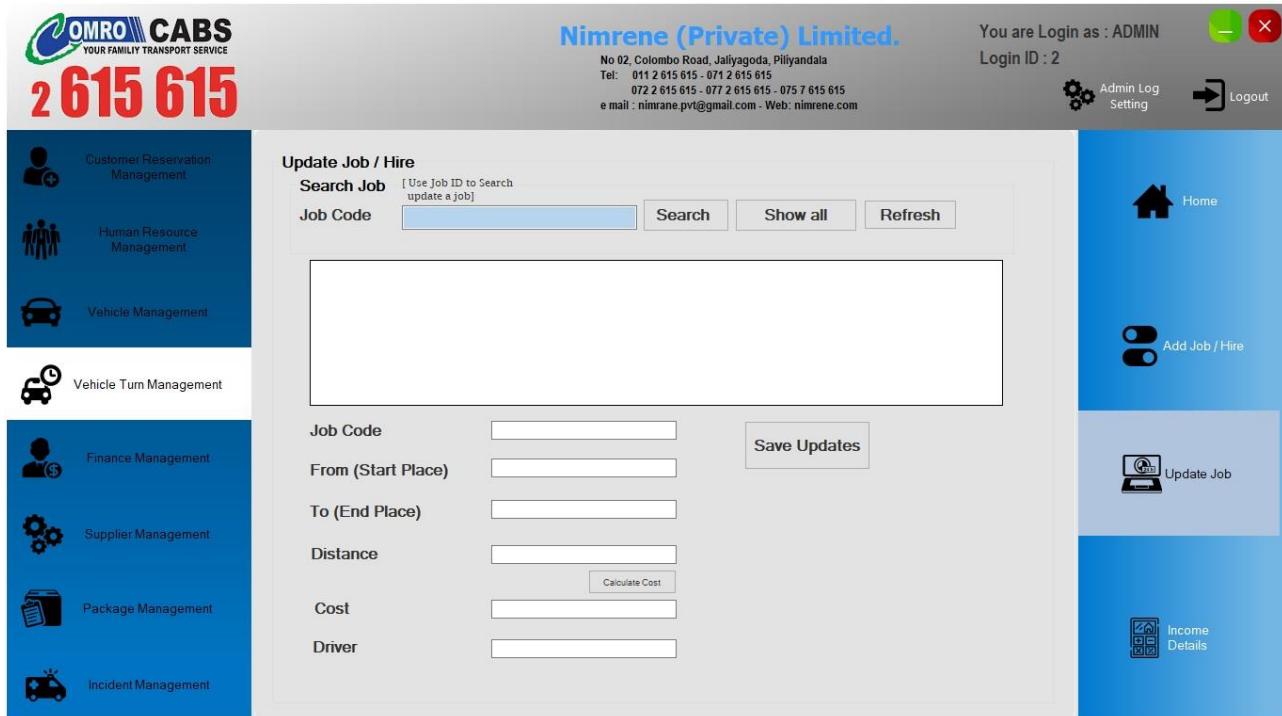
Vehicle_No	Incident_Dat	Vehicle_Status	Repair_Cos	Insurance_C	Cheque_No	Cheque_Am
ZX45781	11/18/2017	OFF	14000	AIA	458754	14000
BM4567	9/18/2017	ON	5000	AIA	985211	5000
BM5453	8/16/2017	OFF	16000	Union As...	890215	16000
CAB3454	9/22/2017	ON	5000	Janashakthi	8949421	5000
CD1234	9/22/2017	ON	21000	AIA	415241	21000
DF4546	1/23/2016	OFF	17000	LOLC	786442	17000
EF6415	4/27/2017	ON	21000	Janashakthi	541278	21000

RatingID	DriverID	DriverType	Rating
1	10	Inside	5
2		Inside	4
3	12	Outside	3
4	14	Inside	5

2.4.35 –View Incident Details



2.4.36 –Add /End Job (Outside Driver's Hire)



2.4.37 –Update Job (Outside Driver's Hire)

Inside Driver Report

Nimrene (Private) Limited.
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You are Login as : ADMIN
You are Login as UID : 2.

Home

Register Operator

Register Driver

Attendance

Employee Vacancies

Edit Driver Details

Edit Operator Details

Search/ View

Driver First Name	Driver Last Name	Address	NIC	Number 1	Age	Gender	Email	License Number
deneth	deemantha	galle	985647653v	0704587456	45	Male	denetha@gmail.com	SY364752G
pramesh	anuradha	tangalle	904587555v	0724585524	27	Male	kande.aya@gmail.com	DH4325H3
aruna	priyantha	galle	665765432v	0766754543	51	Male	xxx@XXXXX.com	SD556F43m

2.4.38 –Human Recourse inside Driver Report

Nimrene (Private) Limited.
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Home

Insert Package

Update Package

Delete Package

Search Package

Package Information

Package Report

View Details

Add Package

Customer Name: Sadamini Gamage
NIC No: 894576327v
Date: Thursday , January 19, 2017
E-mail: ashee123@gmail.com
Package Type: Silver Package
Package Duration: 4
Event Type: Trip
Event_ID: 4
Distination: 9
Package Calculate
Package Cost: 200
Total Cost: 6220

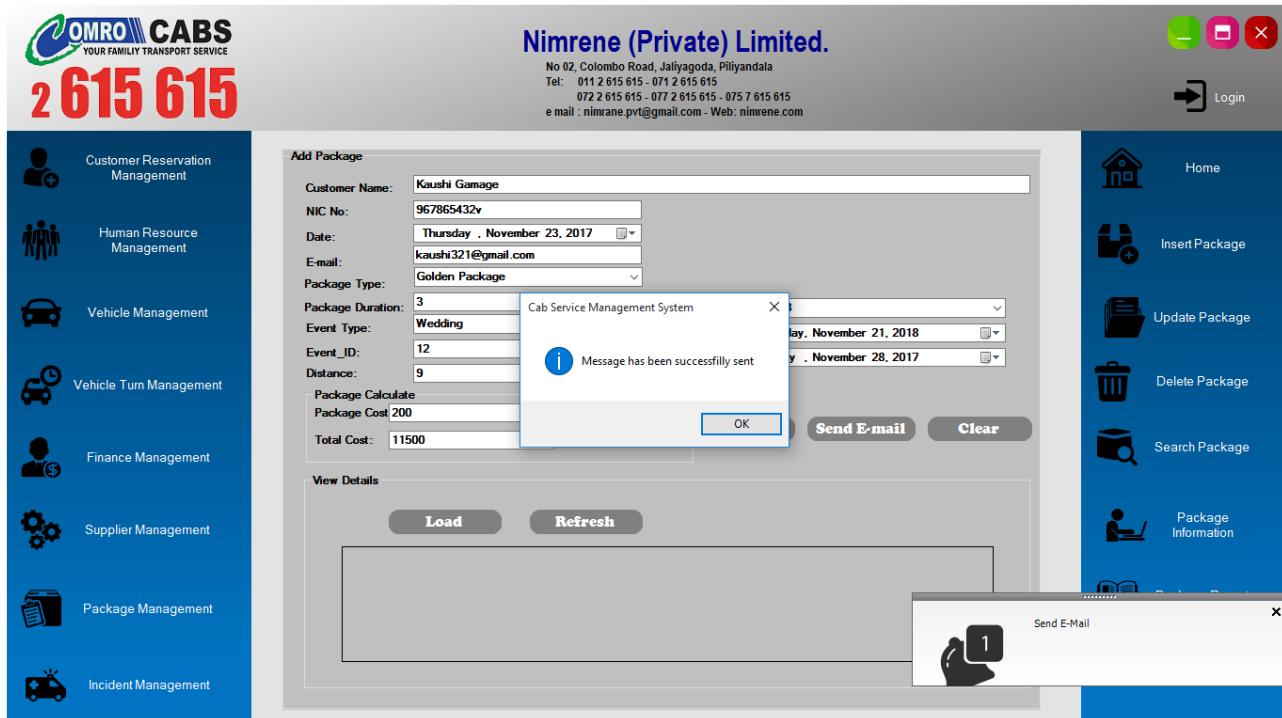
YTT-5678
Thursday , December 21, 2017
Monday , December 25, 2017

INSERTED SUCCESSFULLY!

OK

Customer_Name	NIC_No	Date	Package_Type	Package_Durati	Event_Type	Ever ^
Naduka Madd...	914976327v	1/20/2017	Silver Package	4	Conference	5
Ashee Gamag...	934576327v	1/19/2017	Silver Package	4	Trip	4
Thuresha ...	943245623v	11/19/2017	Golden Packa...	3	Wedding	5
Maheen ...	943245656v	11/19/2017	Golden Packa...	3	Wedding	5

2.4.39 – Package Insert



2.4.39 – Package Send Email