Vehicle Management System using Salesforce

1 INTRODUCTION

1.1 Overview

Vehicle Management is an application where a customer Details are stored in order to choose cars, bikes and commercial vehicles for travel within the city. The data which is stored here is further used to remind them if any offers are provided during the seasons and any updates regarding vehicles are sent to them in the form of messages and mails.

1.2 Purpose

The main purpose of these project is to make the customer feel easy and comfort with the travel services. The primary goal of an online taxi booking system is to make taxi booking more convenient for customers. Booking a taxi is simple. Customer satisfaction is the goal. Even though a vehicle management system is typically different from a GPS tracking system, it provides vehicle tracking capabilities. That is to say, the inability of a fleet operator to know the location and status of their fleet and drivers can give way to a variety of different problems. Granted that, poor productivity, fleet inefficiency and delayed deliveries and shipments are only a few of them.

2 PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map
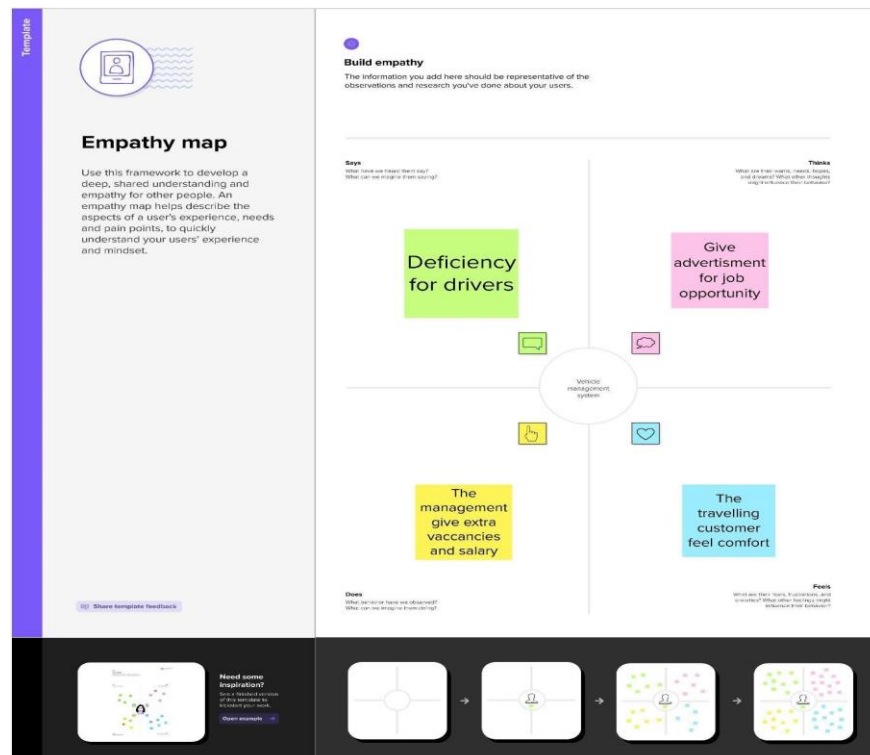
2.2 Ideation & Brainstorming Map

3 RESULT

3.1 Data Model

S NO.	Field Names	Data Types
1.	Customer Name	Text
2	Customer Mobile No	Number
3	Vehicle Type i)2 wheeler ii)4 wheeler	Picklist
4.	2WHEELERS i) HERO ii)HONDA iii)BAJAJ iv)ROYALENFIELD v)TVS vi)KINETIC vii)OLA viii)JAWA ix)SD x)BATTERY	Picklist

5.	4WHEELERS i)RENAULT ii)SKODA iii) HONDA iv)HYUNDAI v)SUZUKI vi)MAHINDRA vii)VOLKSWAGEN viii)BENZ ix)AUDI x)VOLVO	Picklist
6.	Vehicle Name	Text
7.	Vehicle No	Text
8.	Chassic No	Text
9.	Colour	Text
10.	Body Type	Text

11.	Vehicle Includes
	    i)Fire Extenuation
	    ii) First Aid Kit iii)
	    Multi Charger
	    kit
	    iv)Stepney v)
	    Stereo
	    vi)Tool Kit
	    vii) Tracking
	    Device
	    viii)Tyre Jack
		Multi Picklist

12.	Condition i)Good ii)Medium iii)Least	Picklist
13	Mileage	Text
14	Seats	Number

15	Start Date	Date/Time
16	End Date	Date/Time
17	Opportunity	Lookup(opportunities)

Field in driver object below in data type

S. No	Field	Data type
1	Driver Name	Text
2	Licence No	Text
3	Mobile No	Number
4	Fair per hour	Number
5	Vehicle	Lookup

a   Activity & Screenshot

Creation of Objects for Vehicle Management, for this Vehicle Management we need to create two objects i.e. Vehicles, Driver.
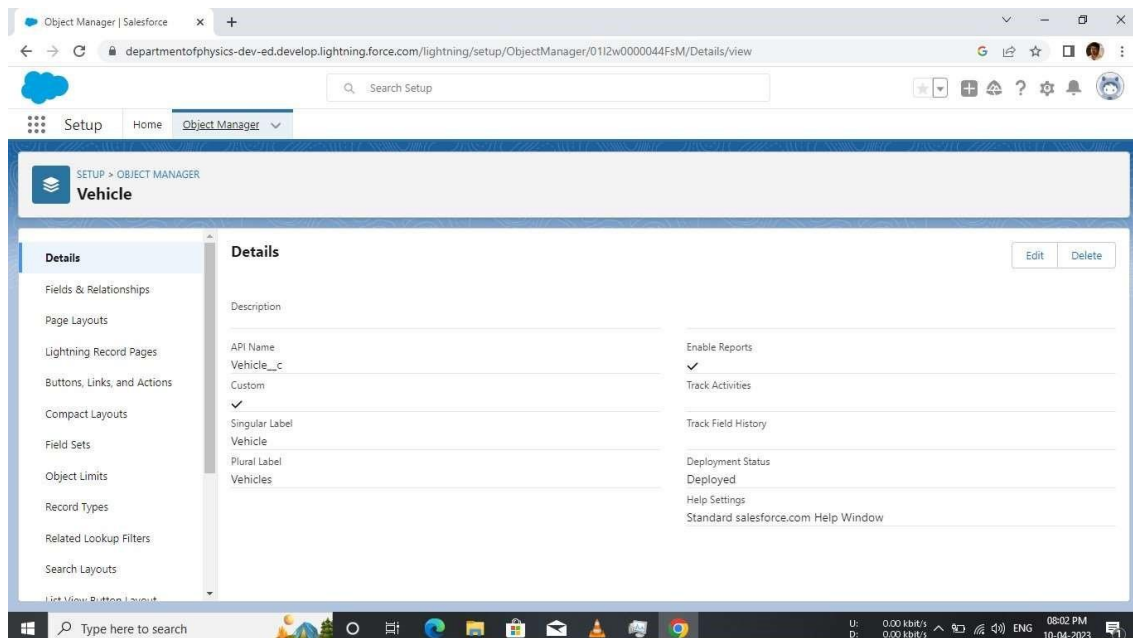
Creating custom object tab for vehicle
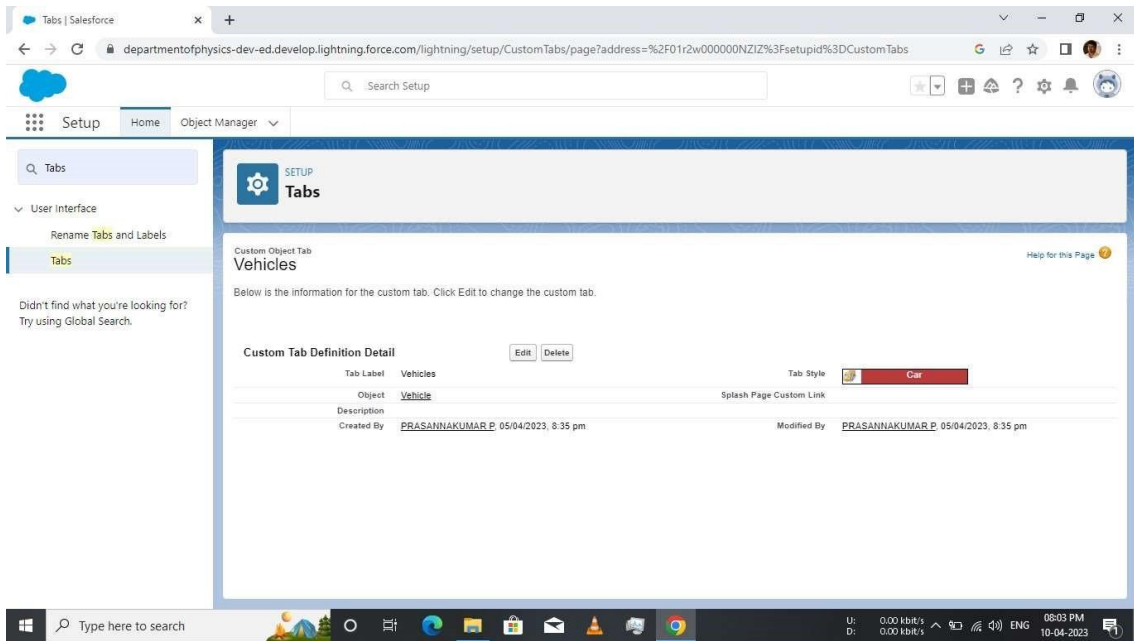
Creating driver object
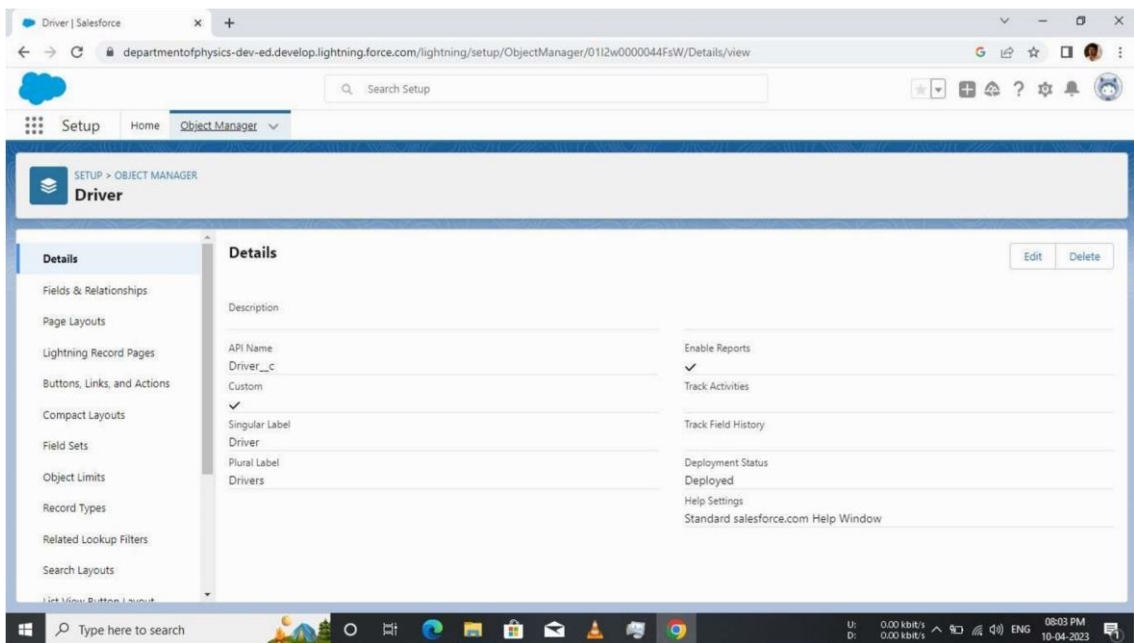
Custom object tab for drivers

Creating fields & relationships for vehicle object

Fields In Driver Object:

Create the Vehicle Management Construction app
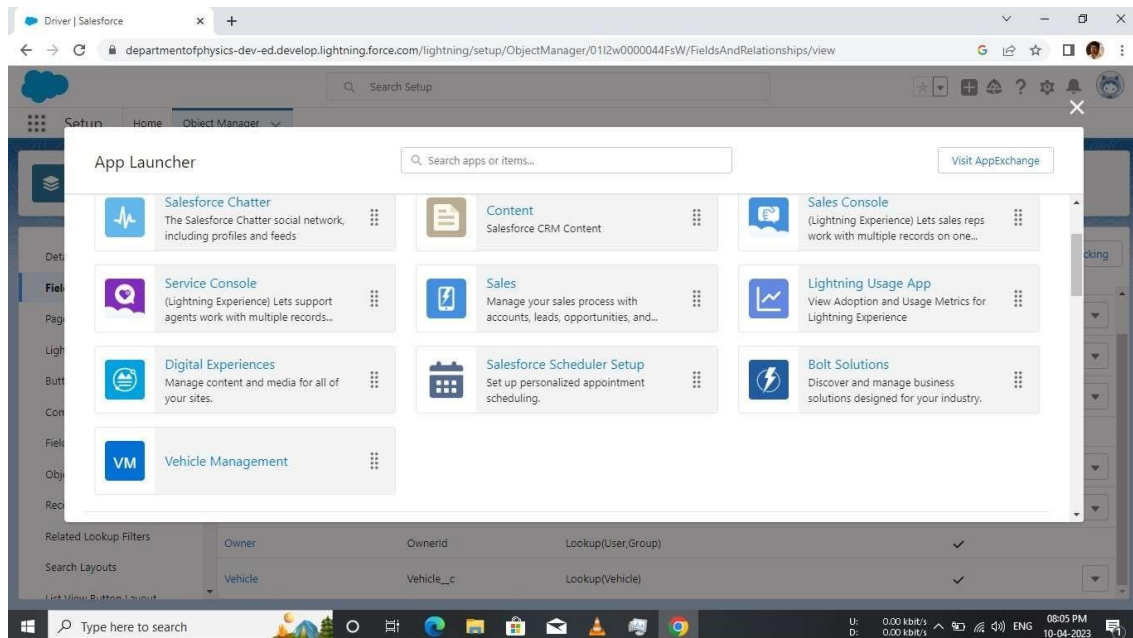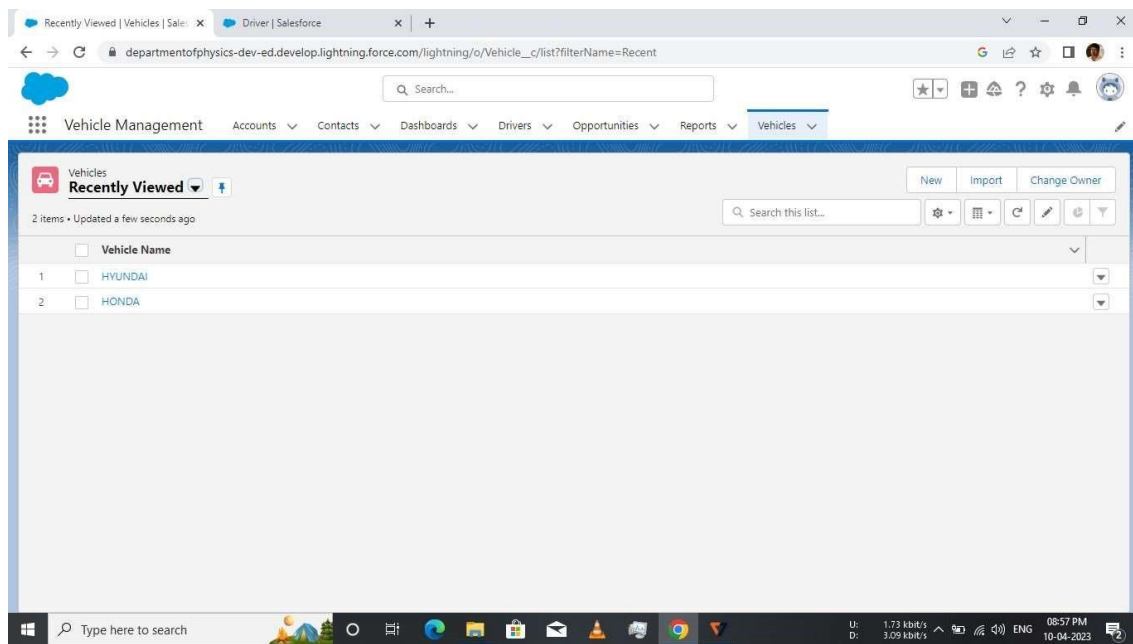
Creating a Profiles: Now create a Vehicle Manager profile and set its object permissions.
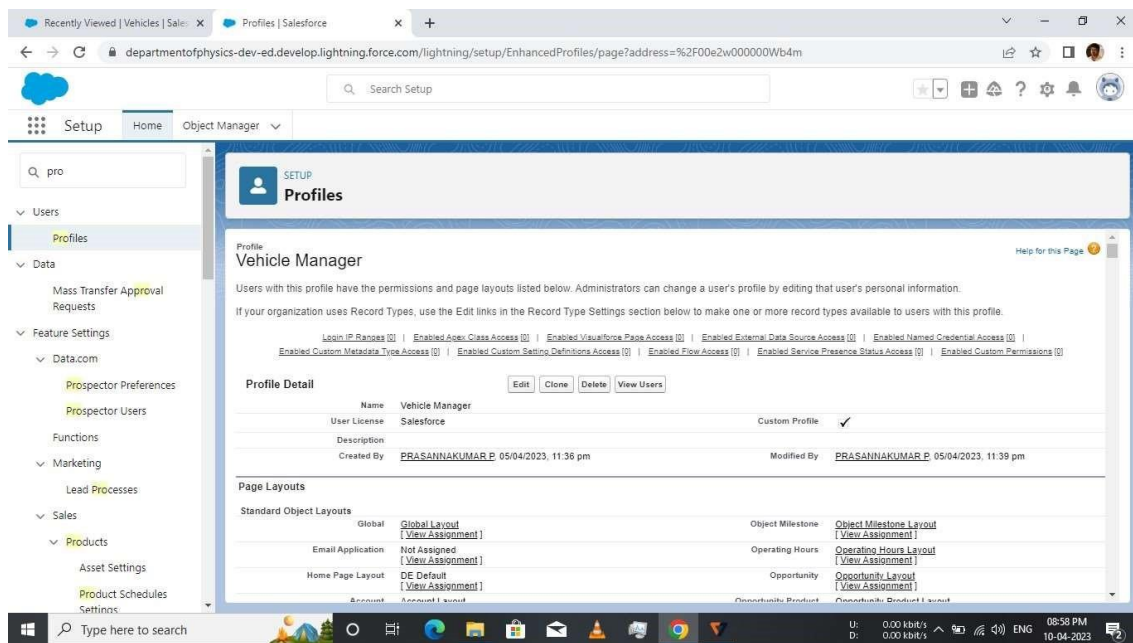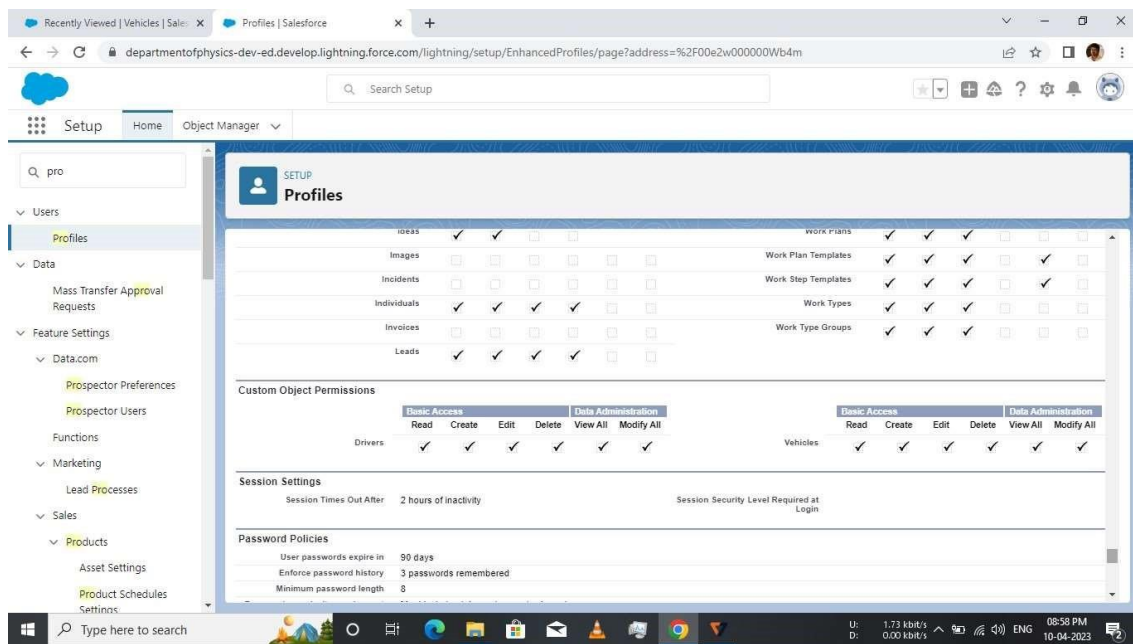
Create operator profile
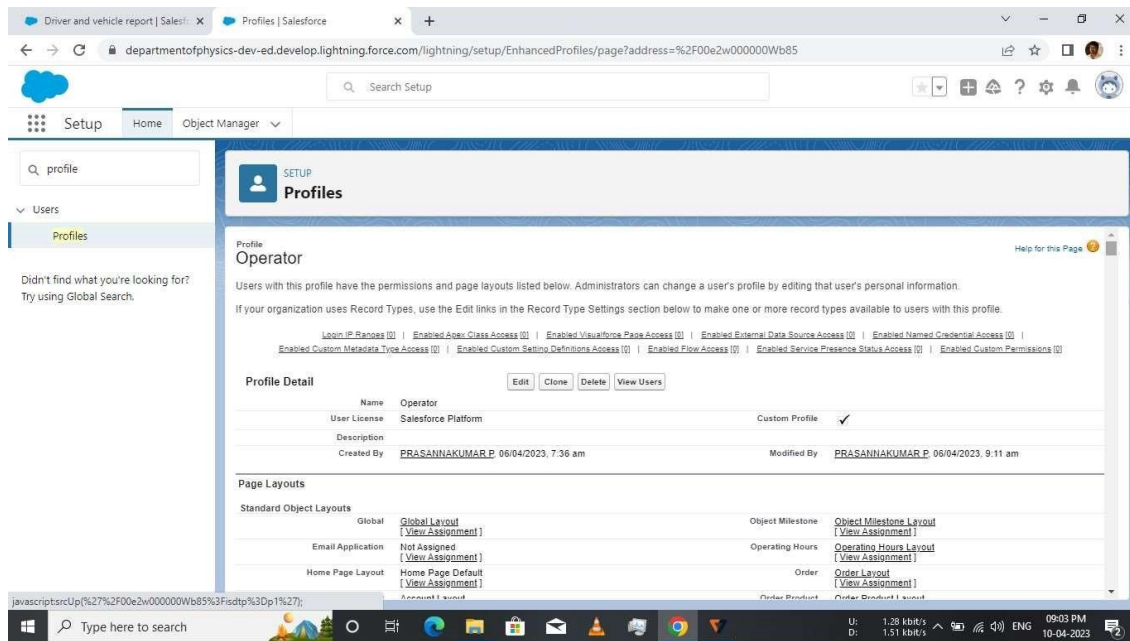
Role vehicle manager as CEO

Two Roles under Vehicle Manager as Operator 1 And Operator 2 Roles which will report to the Vehicle manager

Creating a Vehicle manager Users:

Creating a Operator 1 and 2 Users:

Reports

Reports for vehicle and customer details

Reports for drivers with vehicle report

Dashboards

Dashboards for vehicle and customer details
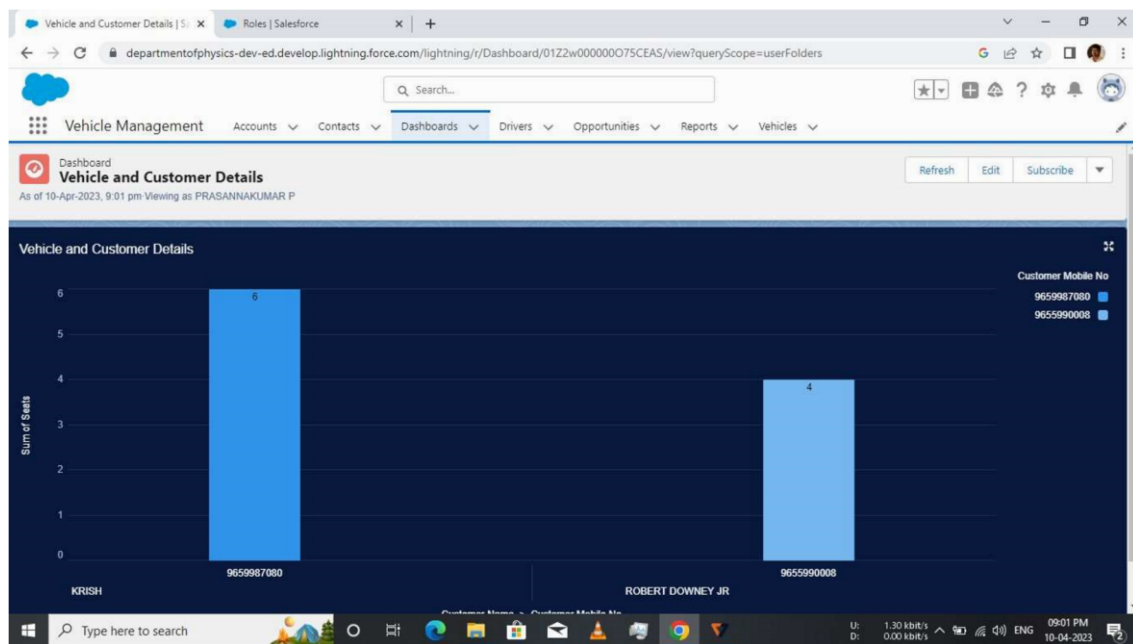
Dashboards for driver with vehicle report
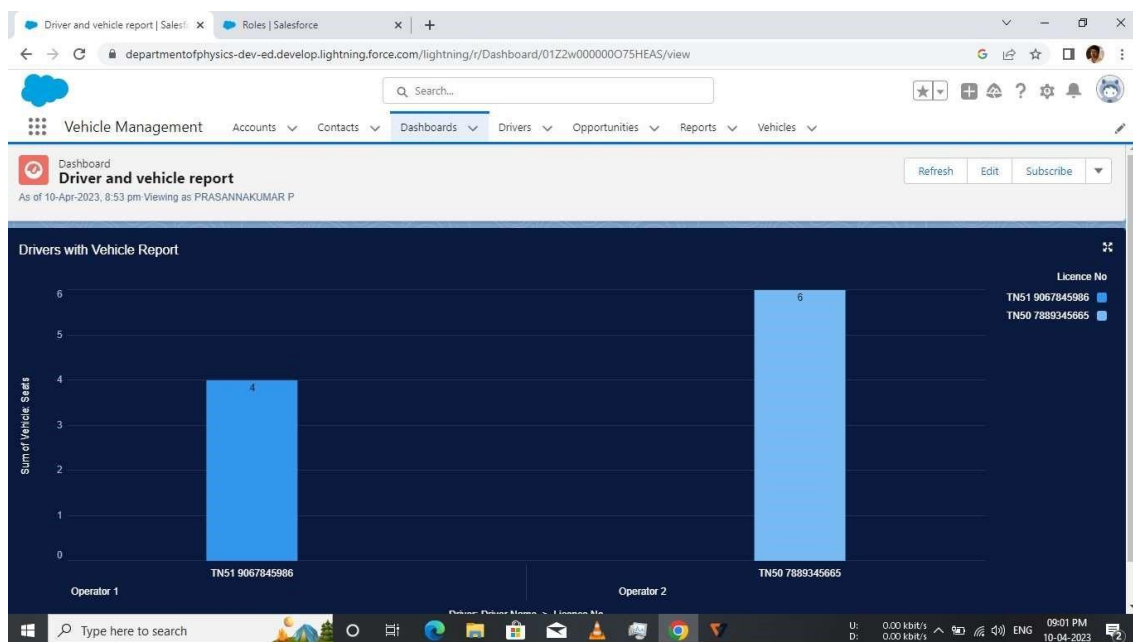
4   Trailhead Profile Public URL

Team Lead - https://trailblazer.me/id/prasanna3951

Team Member 1 - https://trailblazer.me/id/logem10

Team Member 2 - https://trailblazer.me/id/cjesus10

Team Member 3 – https://trailblazer.me/id/kirur7

5   ADVANTAGES

• Improve fleet safety and working conditions.

- Improve the behaviour and performance of drivers and beat unsafe driving.

- Schedule shifts and work hours.

- Leverage driver retention.

- Track vehicles, assets or professional equipment (even trailers and containers) Schedule routine maintenance.

- Manage fuel efficiency.

DISADVANTAGE

- It requires Internet connection to manage apps of vehicle management

- It requires skilled resources to maintain such system. This increases maintenance costs.

6 APPLICATIONS

The entire fleet on a single screen, in real time

Even though a vehicle management system is typically different from a GPS tracking system, it provides vehicle tracking capabilities. That is to say, the inability of a fleet operator to know the location and status of their fleet and drivers can give way to a variety of different problems. Granted that, poor productivity, fleet inefficiency and delayed deliveries and shipments are only a few of them. Surely, these issues, given the right circumstances, can seriously hurt business reputation and customer retention.

7 CONCLUSIONS

The main purpose of these project is to make the customer feel easy and comfort with the travel services. The primary goal of an online taxi booking system is to make taxi booking more convenient for customers. Booking a taxi is simple. Customer satisfaction is the goal.

8 FUTURE SCOPE

In future all of the disadvantages have been rectified. THE MONITOR CENTER OF VEHICLE MANAGEMENT SYSTEM has been improved in future.