

# Project Report Template

## 1 INTRODUCTION

### 1.1 Overview

- (i) Vehicle Management system is proposed with the intention of upgrading the current stand-alone system to a web based or online system.
- (ii) Proposed to smoothen the management process of the vehicle in order to handle the registration and scrapping it .
- (iii) This stand alone concept to web based system , it helps staffs to store and manage data efficiently and in more organized manner.
- (iv) System also accept information about the accident report, so that none of the accident goes unattained .

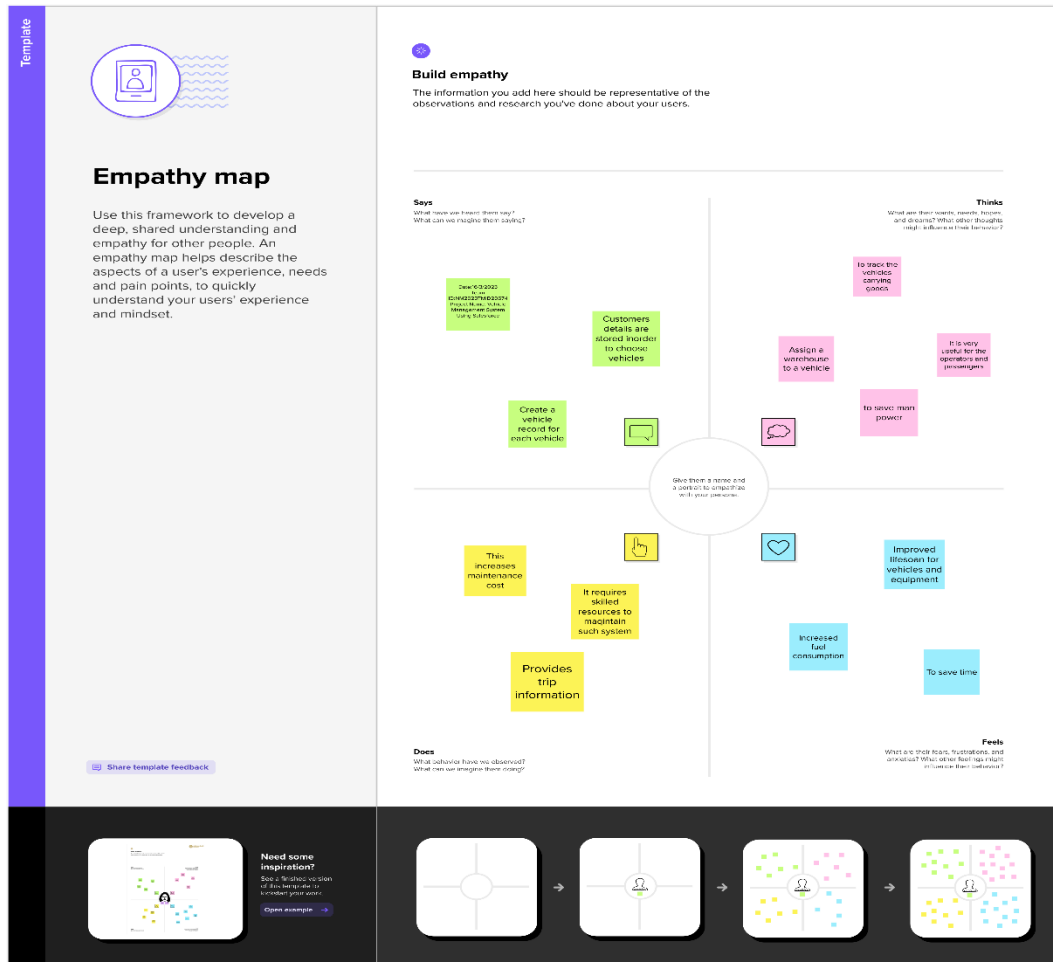
### 1.2 Purpose

The purpose of the application is to keep the record of text in the editor properly and the different text which is issues to the activities . the availability of content can be easily managed and text having difference system of library.

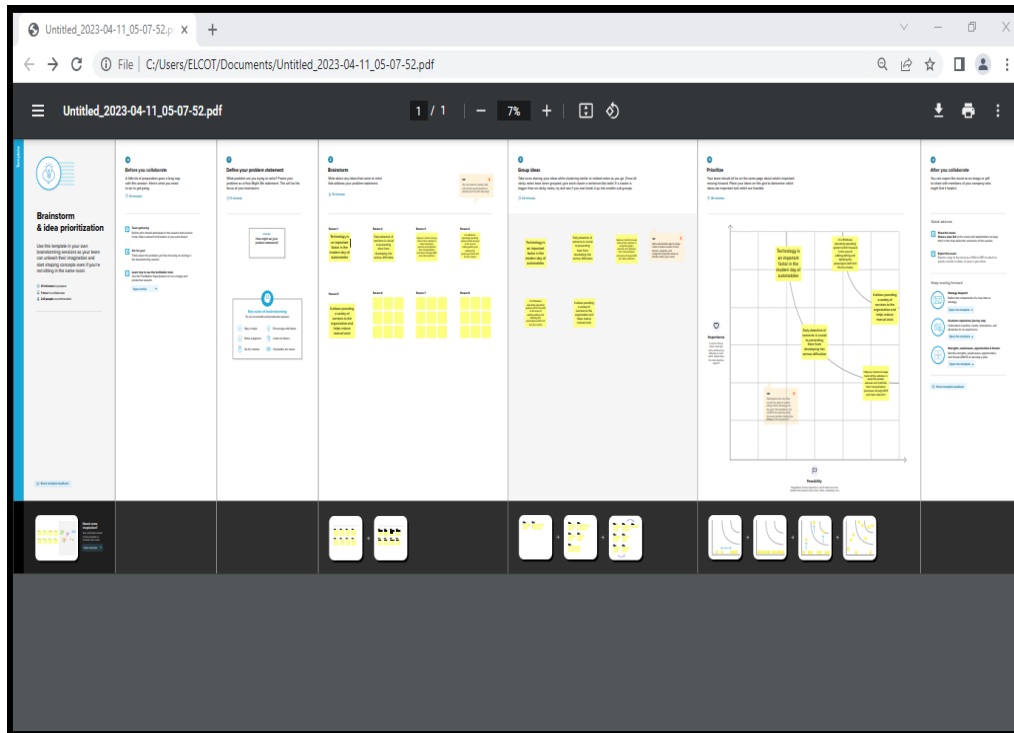
A vehicle management system is a software system of platform that serves to manage commercial fleets of vehicle , such as cars, vans or trucks or even heavy equipment to ensure they're utilized safely , efficiently and professionally, while making sure they're well maintained and high performing .

## 2 Problem Definition & Design Thinking

### 2.1 Empathy Map



## 2.2 Ideation & Brainstorming Map



### 3 RESULT

#### 3.1 Data Model:

Object name	Field in the object	
Vehicle	Field label	Data type
	Customer name	Text
	Customer Mobile no	Number
	2Wheelers (i)Hero (ii)Honda (iii)Bajaj (iv)Royal enfield (v)TVS (vi)Kinetic (vii)Ola (viii)Jawa (ix)SD (x)Battery	Picklist
	4Wheelers (i)Renault (ii)Skoda (iii)Honda (iv)Hyundai	

		(v)Suzuki (vi)Mahindra (vii)Volkswagen (viii)Benz (ix)Audi (x)Volvo		
	Vehicle Name		Text	
	Vehicle no		Text	
	Chassic No		Text	
	Colour		Text	
	Body type		Text	
	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	
	Condition (i)Good (ii)medium (iii)Least		Picklist	

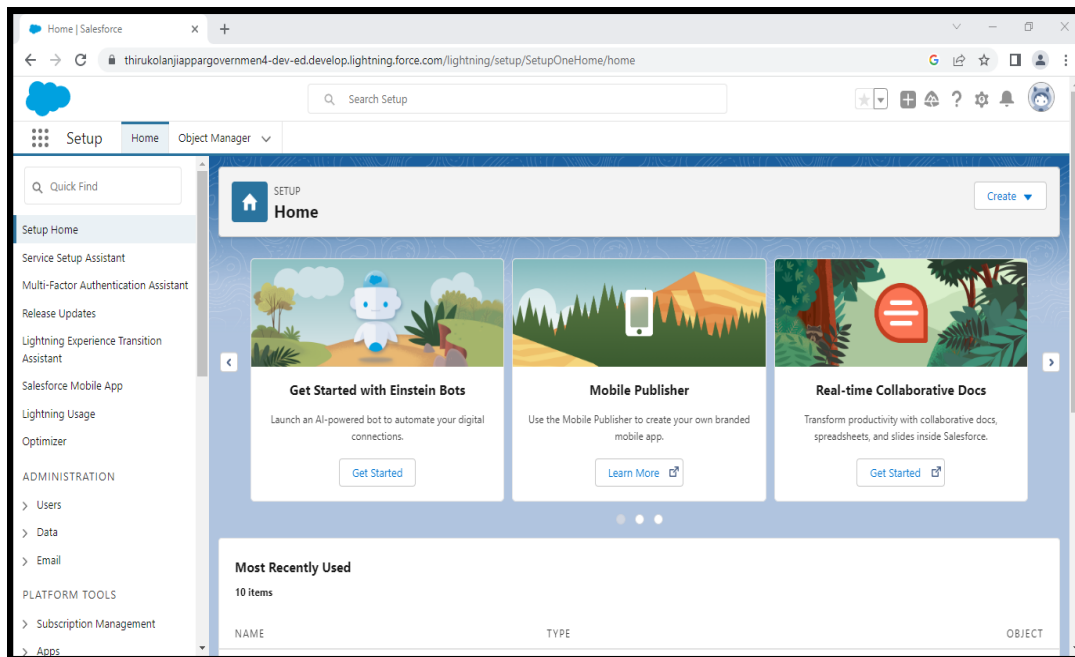
		Mileage	Text	
		Seats	Number	
		Start date	Date\Time	
		End date	Date\Time	
		Opportunity	Lookup(opportunities)	

Object name	Fields in the object
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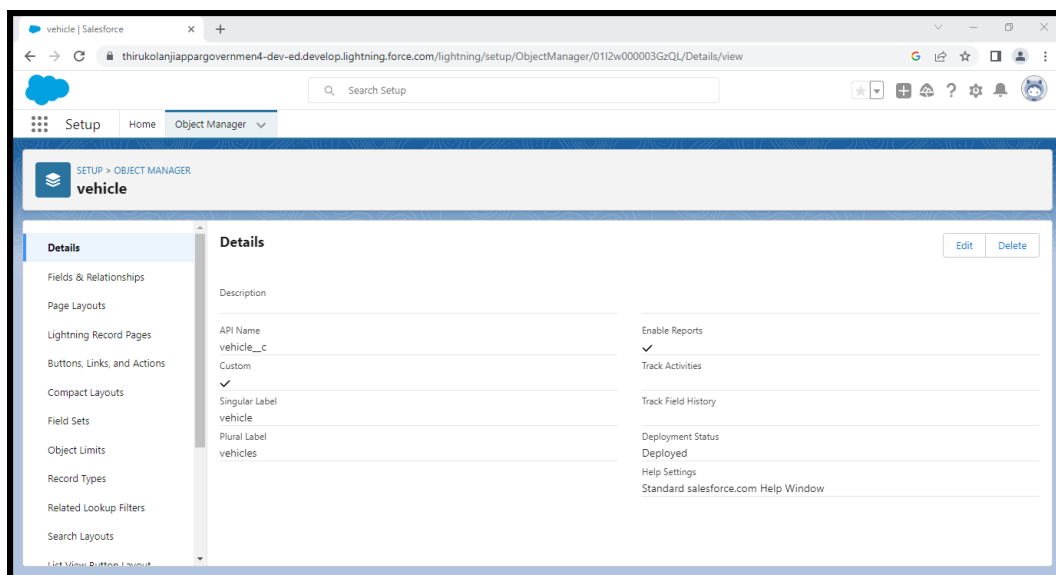
Driver		
	Fields label	Data type
	Driver Name	Text
	Licence No	Text
	Mobile No	Number
	Fair Per Hour	Text
	Vehicle	Lookup(Vehicle)

**3.2 Activity & Screenshot**

**Milestone – 1 :**

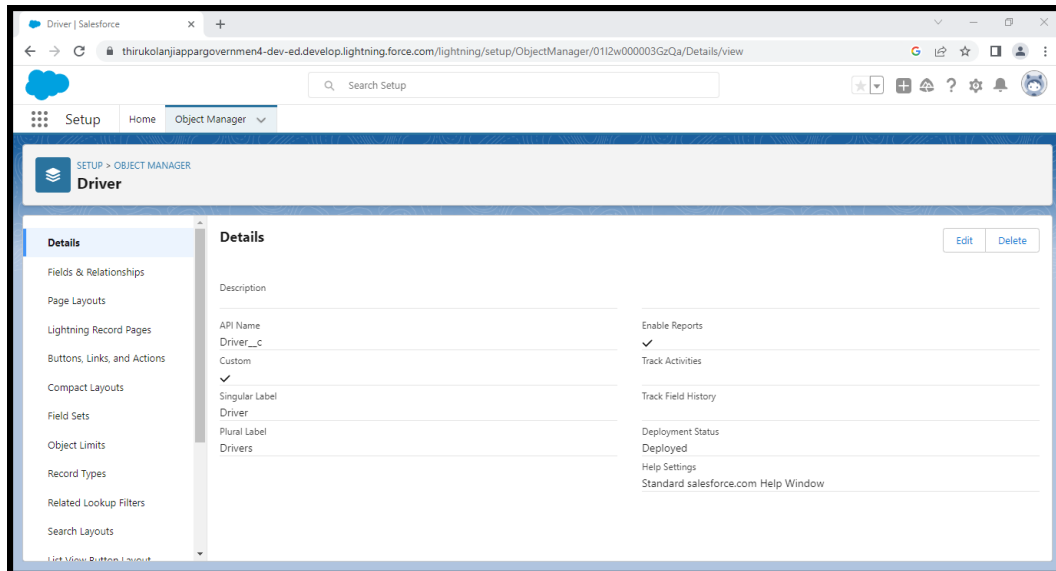


## Milestone -2:



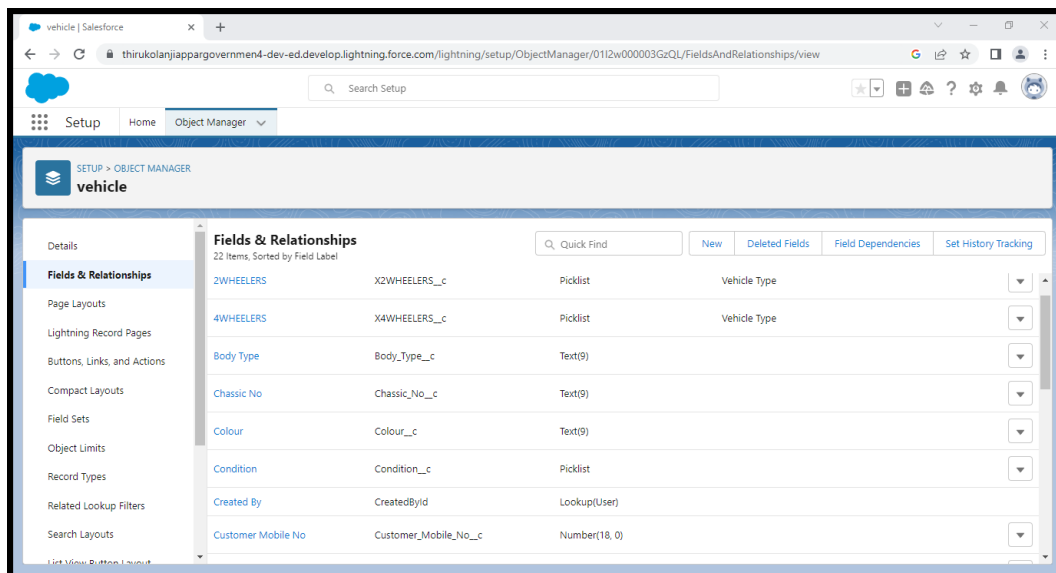
## ACTIVITY - 2



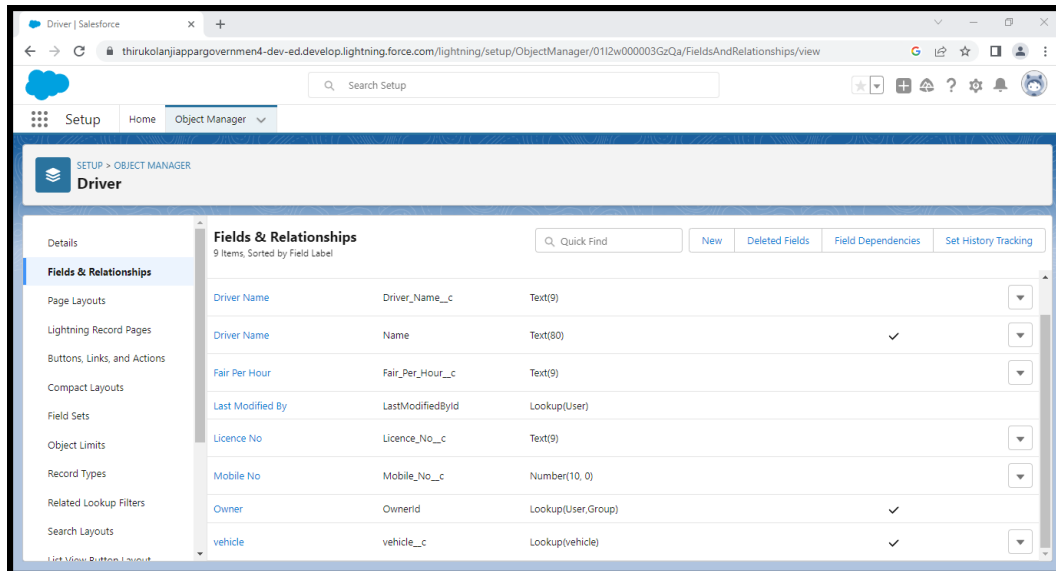


## MILESTONE – 3 :

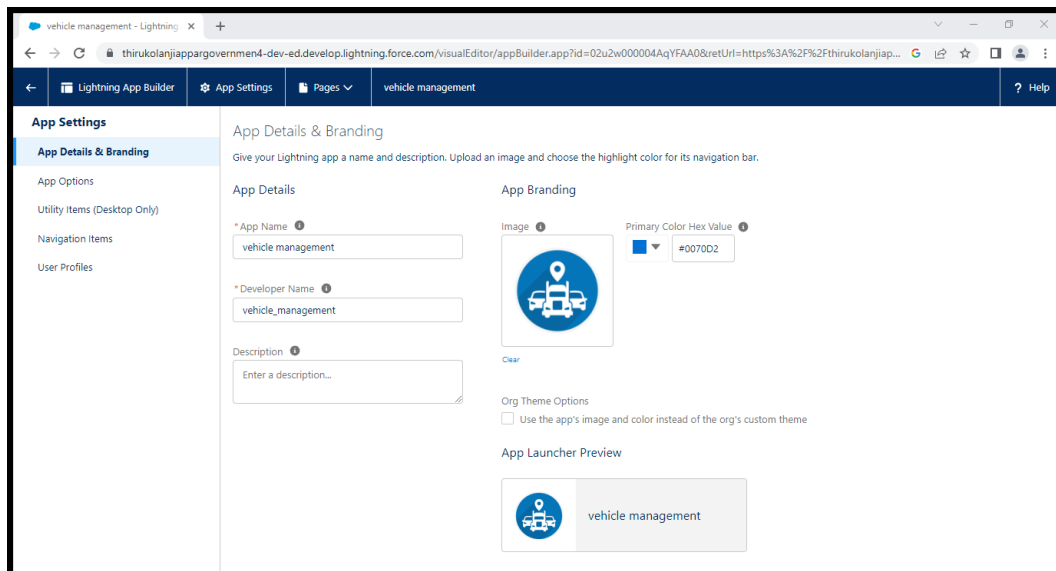
### ACTIVITY – 1:



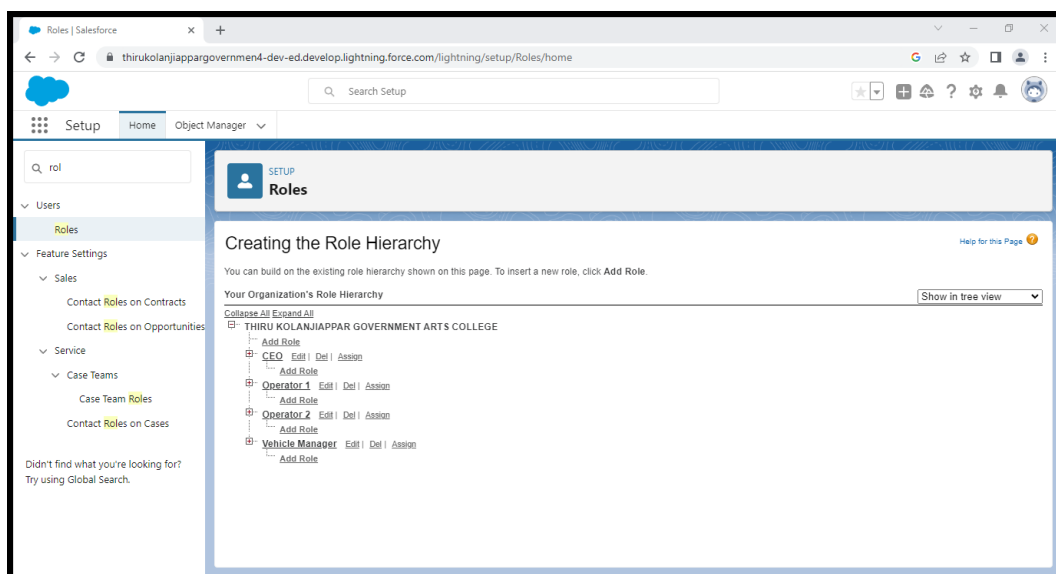
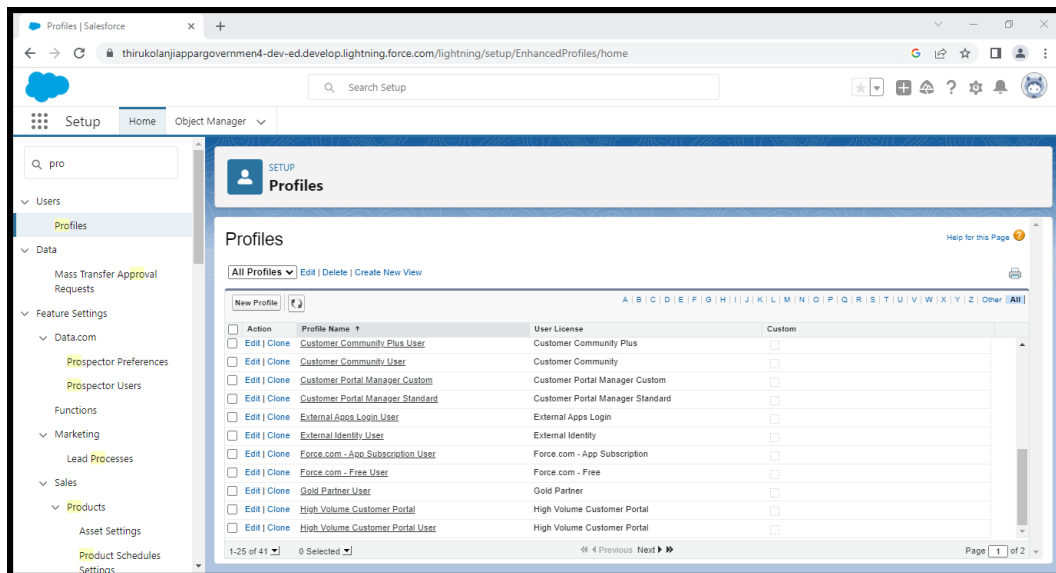
### ACTIVITY – 2 :



## MILESTONE – 4 :

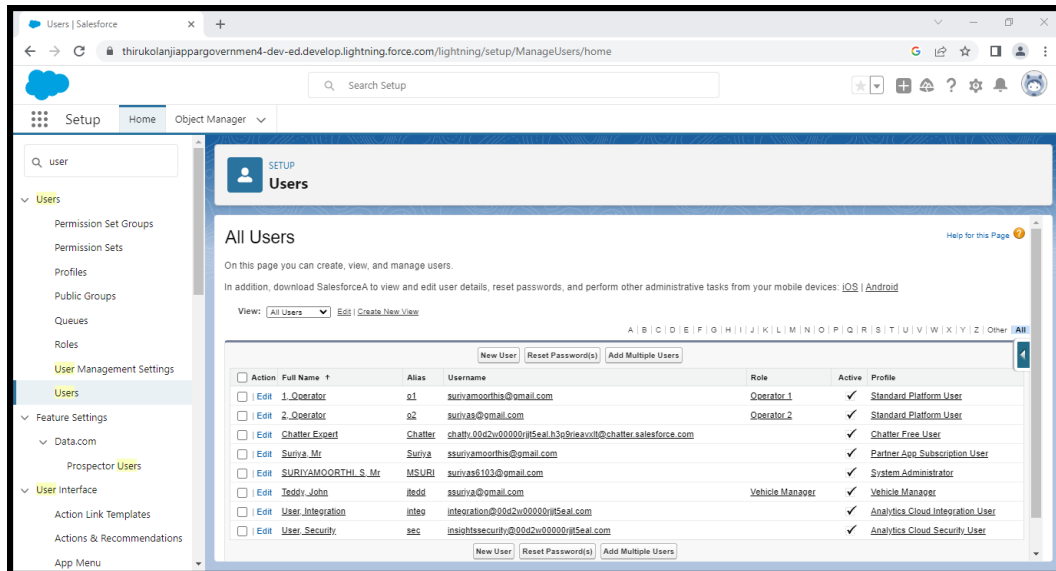


## MILESTONE – 5:

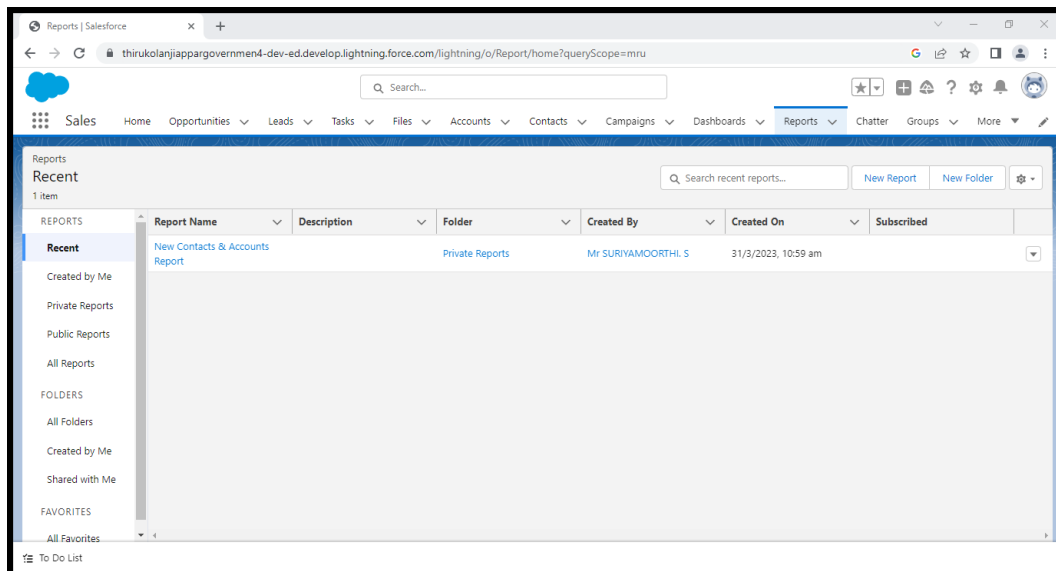


## MILESTONE – 6 Users:

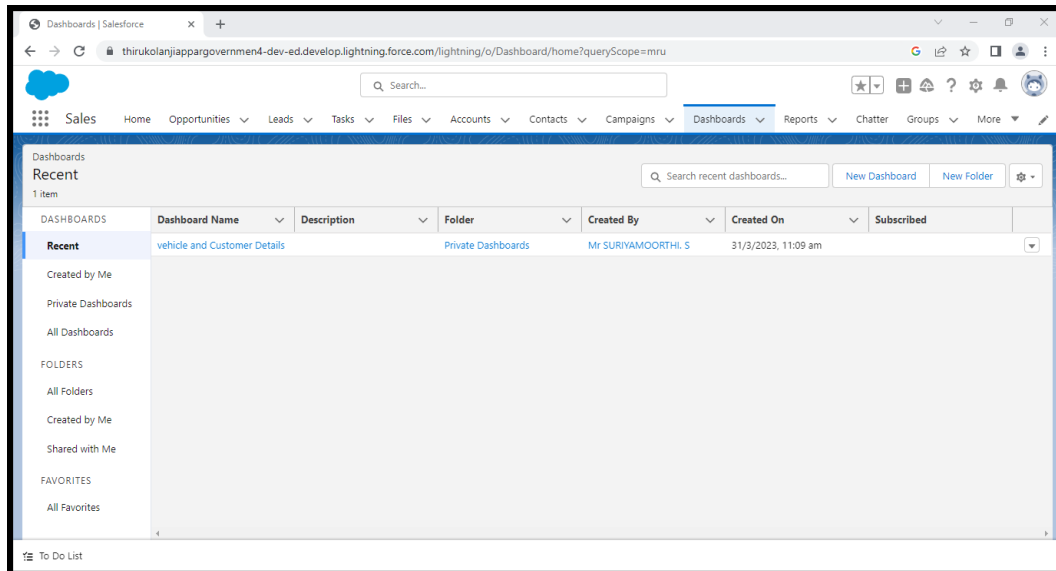
### Activity 1:



## Milestone – 7: Report



## Milestone – 7: Dashboard



#### 4 Trailhead Profile Public URL

**TEAM LEAD : SURIYAMOORTHIL S**

<https://trailblazer.me/id/msuriyamoorthis>

**TEAM MEMBER 1 : BHARATHI B**

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<https://trailblazer.me/id/vip007>

**TEAM MEMBER 4 : THIRISHA T**

<https://trailblazer.me/id/strishat>

#### 5 ADVANTAGES

- (i) Duplication of the vehicle data is avoided
- (ii) As vehicle number is already stored in the master therefore human mistakes can be avoided
- (iii) Timely alerts ensure that penalties are avoided

## **DISADVANTAGE**

- (i) It requires skilled resources to maintain such system. This increases maintenance costs
- (ii) GPS device used in fleet management is power hungry which drains battery faster .
- (iii) GPS signal does not pierce through the walls, solid structures , under water or dense trees

## **6 APPLICATIONS**

This system for vehicle management will provide the complete details required for perfect maintenance. It will also include the details of breakdown service contact, particularly based on the geographical locations, which will enable the user to easily locate the nearby service centers.

Added with, it also reflects the next service date as a reminder sent in the form of SMS to your mobile phone. Undeniably, our application will overall increase your user satisfaction alongside increasing the sales to the Service Centers that are tied up with your business.

## **7 CONCLUSION**

The corporate company's vehicle management application has rich user interface that novice users can access easily. This application provides the management reports like occupancy report, approval status report ,to track the usage of company's transport facility .

## **8 FUTURE SCOPE**

- (i) To register and keep the information about all vehicle .
- (ii) To build up a system that provides and generates the summary
- (iii) Report from the database records in order to get the whole view about the vehicles amounts .
- (iv) Summarize the accidental records and responds for the further improvements.
- (v) A web based tool where user can search for additional information of the vehicle .