VEHICLE MANAGEMENT SYSTEM

By salesforce .

1 INTRODUCTION

1.1 Overview

* The vehicle management system (VMS) is an application for the automotive industry.
* It supports in the area of sales & services,
* The business processes that you required as vehicle importer when dealing with your original equipment manufacturers and your dealers in new and used vehicle sales

1.2 Purpose

A Vehicle management system is a software system that serves commercial vehicles. Such as two wheelers and four wheelers like HERO, HONDA, TVS, MAHINDRA, SUZUKI, etc.,
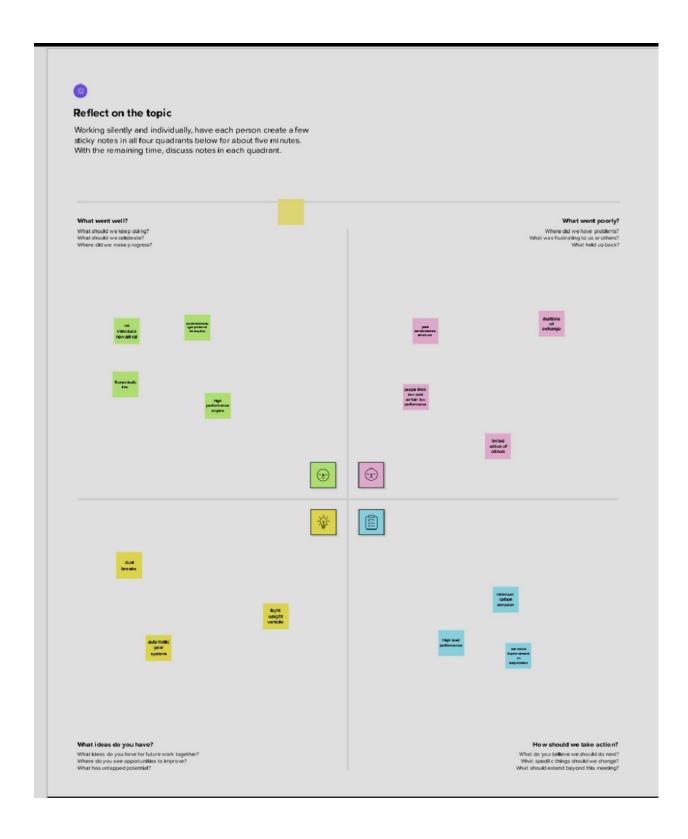
They are utilized safely, efficiently.

The project can be used for buyers and sellers.

The project was used for many more angles like customers, Drivers.etc.,.

2 PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map

Reflect on the topic

Working silently and individually, have each person create a few sticky notes in all four quadrants below for about five minutes. With the remaining time, discuss notes in each quadrant.

What went well?
What should we keep doing?
What should we celebrate?
Where did we make progress?

What went poorly?
Where did we have problems?
What was frustrating to us or others?
What held us back?

- will introduce new arrival
- aerodynamic type preferred for engine
- Economically low
- High performance engine
- poor aerodynamics structure
- shortsome oil exchange
- people think low cost contain low performance
- limited edition of colours

What ideas do you have?
What ideas do you have for future work together?
Where do you see opportunities to improve?
What has untapped potential?

How should we take action?
What do you believe we should do next?
What specific things should we change?
What should extend beyond this meeting?

- dual breaks
- light weight vehicle
- automatic gear system
- minimum carbon emission
- High road performance
- we make improvement in suspension

2.2 Ideation and Brainstorming Map

2

Brainstorm

Write down any ideas that come to mind
that address your problem statement.

🕐 10 minutes

Person 1

Light weight materials so easy to handle	Area of seat is large.	High engine power
Noise less Also pollution less	High mileage	Good pickup

Person 2

EMI offer availability	Try to get loan for both Two and four wheelers	Services and warranty (t&c apply)

Person 3

Get best offers	High efficiency	Economy

Person 4

	Manage customer details	

Person 5

Alloy frame are improved	Many colors	Unique arrangements structure

Person 6

Person 7

Person 8

RESULT

3.1 Data Model

Object 1 ; VEHICLE

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)ROYAL ENFIELD 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	Picklist

	vi)MAHINDRA vii)VOLKSWAGEN viii)BENZ ix)AUDI x)VOLVO	
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)

S No	Field	Data Type
1	Driver Name	Text
2	Licence No	Text
3	Mobile No	Number
4	Fair Per Hour	Text
5	Vehicle	Lookup(Vehicle)

3.2 ACTIVITY AND SCREENSHOT

Activity : Login to your salesforce account

Activity 2: Create an Object for Vehicle and Driver

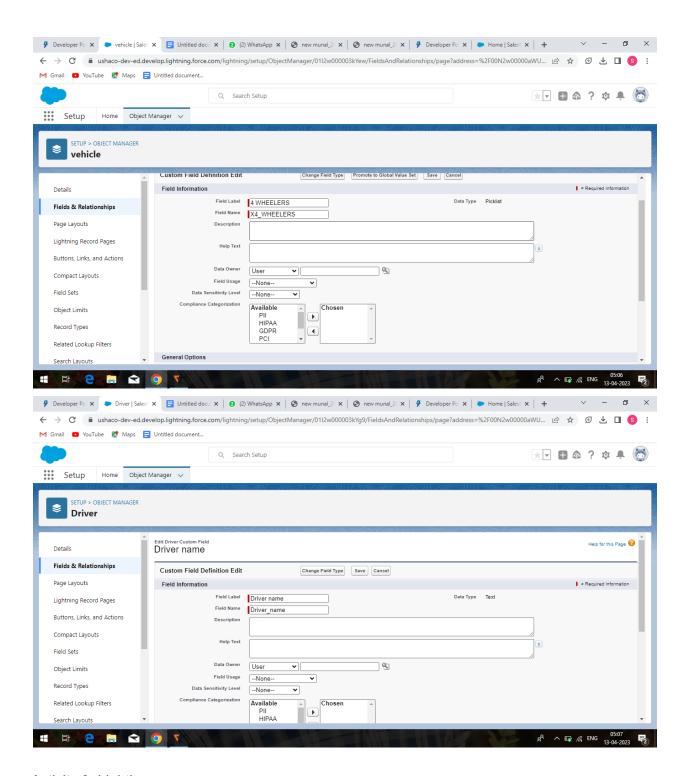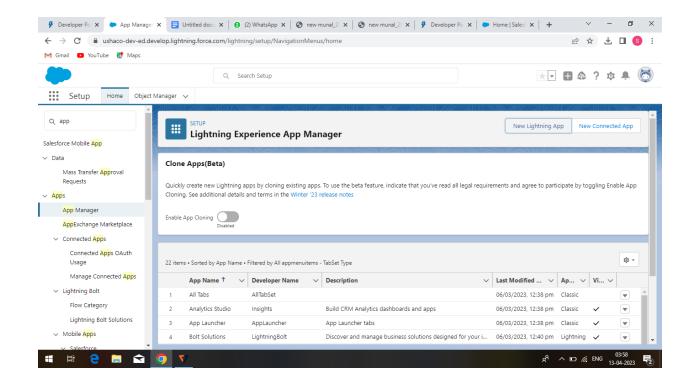Go to object manager and make new Object for vehicle and the give detail about the given project
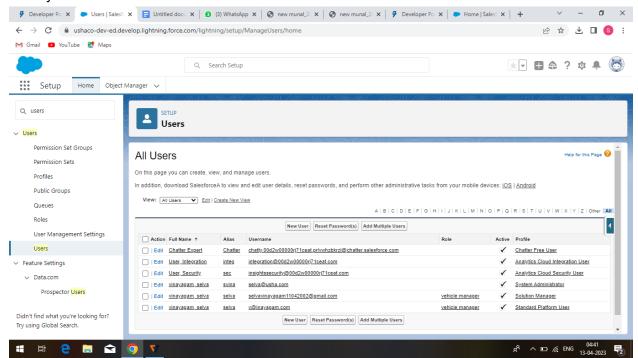
Driver Object

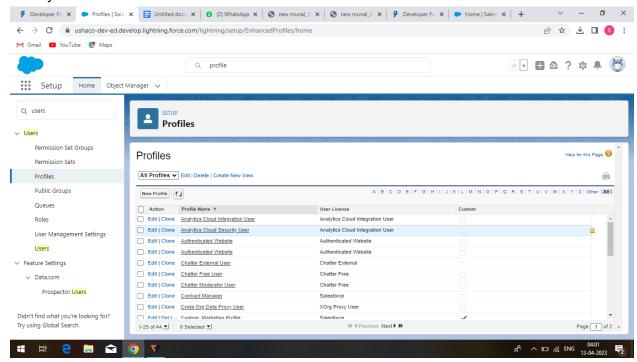Save the following steps for the driver again

Activity 3 Lighting app

Go to quick search and wrote app manager Click that and go to new lightning app and cloned that features.
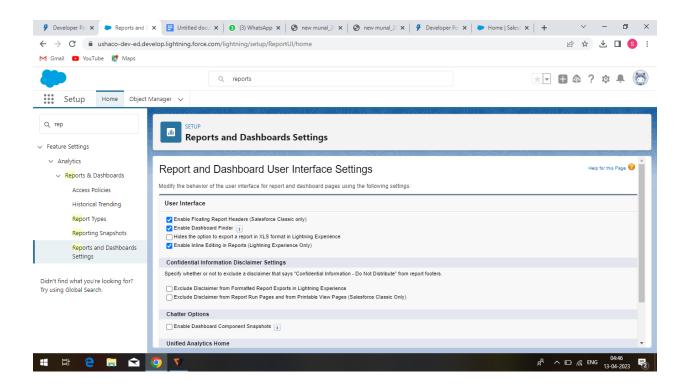
Activity 4 Users

Search user in quick search and create new user

Activity 5 Profile

Make a new profile from the help of given instruction

Activity 6: Reports and Dashboards

   Open reports and dashboards by searching the help of quick search

4 Trailhead Profile Public URL

TeamLead: https://trailblazer.me/id/svinayagam7
Member 1: https://trailblazer.me/id/vnijendhiran
Member 2: https://trailblazer.me/id/ramram12
Member3: https://trailblazer.me/id/srajini4

5 i) Advantages

- Its tracking all vehicle performance, employee performance
- Increasing productivity and enhancing customer service
- Improving employees efficiency
- Tracking vehicles and drivers easily.
- It is mainly used in transports.

  ii) Disadvantages

- The insurance cost is an additional liability.
- Lack of organization and structure

6 APPLICATION

Complete database of customers, and maintain service records.
Promote service centers.
Develop operational expenditure models.
SMS alerts of service reminders
Making calls for service reminder & GPS tracking.

7 CONCLUSION

A vehicle management system is very useful to helps to manage the customer details,
vehicle details, fuel entails insurance details driver details, maintenance details etc.,
Finally we know vehicle management system by smartintenze , trailhead,etc.,

8 FUTURESCOPE

To Keep the vehicles in real-time,plan,execute,and optimize their transportation process
through GPS and data collection.
To make an endless bond with customers and buyers.