

## **1 INTRODUCTION**

### **1.1 Overview**

To develop an app for the Vehicle Management System which uses application or technology to track and manage different kinds of Vehicles such as Cars, Bikes, Commercial Vehicles. The Vehicle Management System also keeps a records of vehicles such as purchase, driver records, fuel information. The system uses Vehicle Management Software which keeps all the reports and sends as per stored email database.

### **1.2 Purpose**

A Vehicle Management system is a software system-or platform that serves to Manage Commercial fleets of Vehicles, such as Cars, Bikes, Commercial Vehicles or even heavy equipment to ensure they're utilized safely, efficiently and professionally while making sure they're well maintained and high-performing.

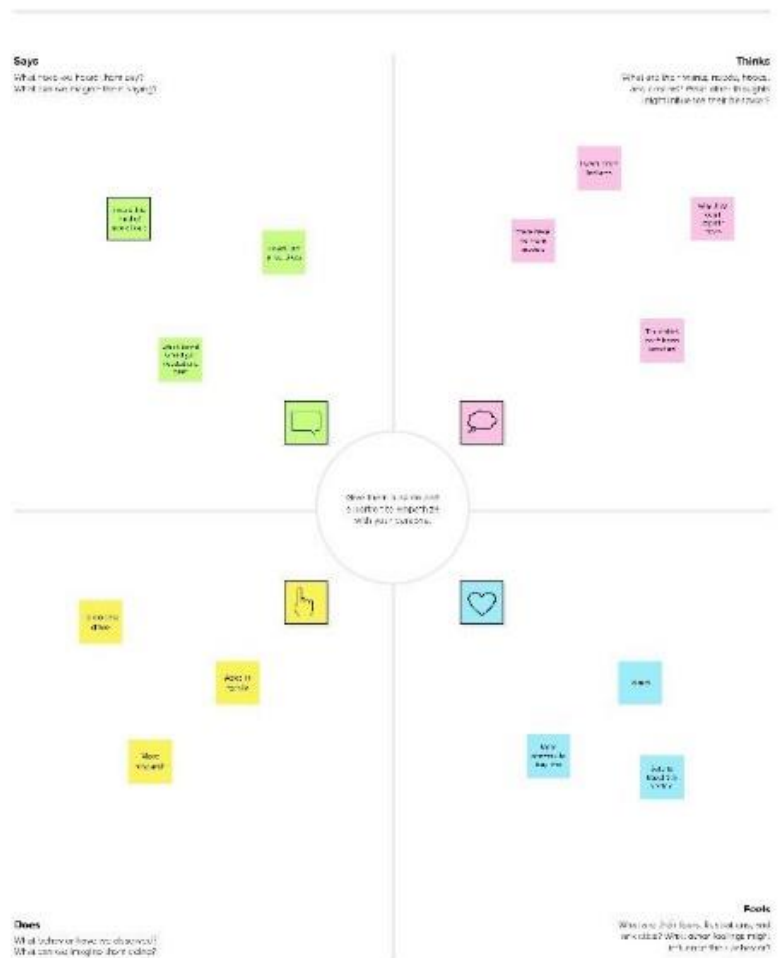
## **2. Problem Definition & Design Think**

### **2.1 Empathy Map**

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

 Share to motivate feedback

The information you add here should be representative of the observations and research you've done about your users.

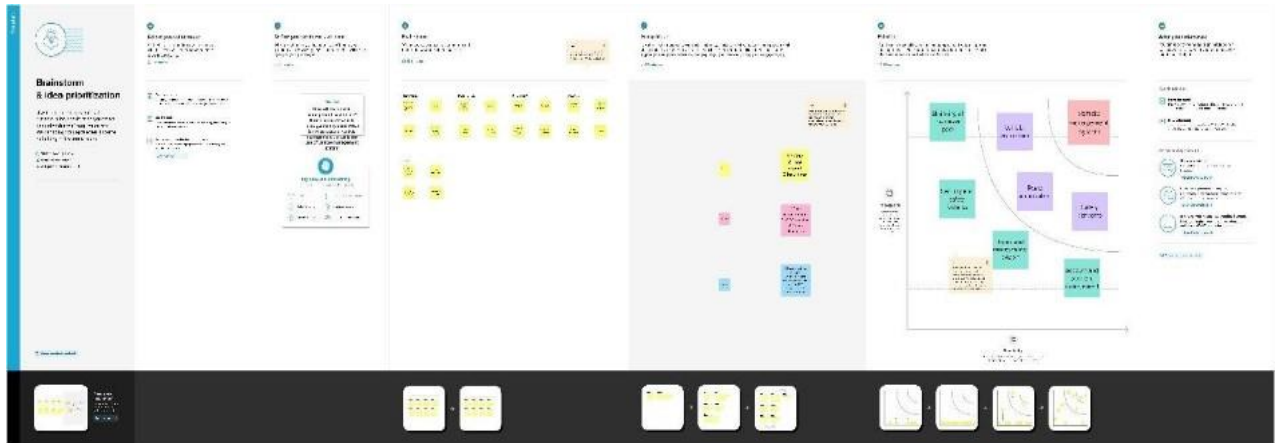


Some studies suggest that the use of a computer program to generate a list of potential donors can increase the number of donors who are contacted.

Click on column title.



## 2.2 Ideation & Brainstorming Map



## 3 RESULT

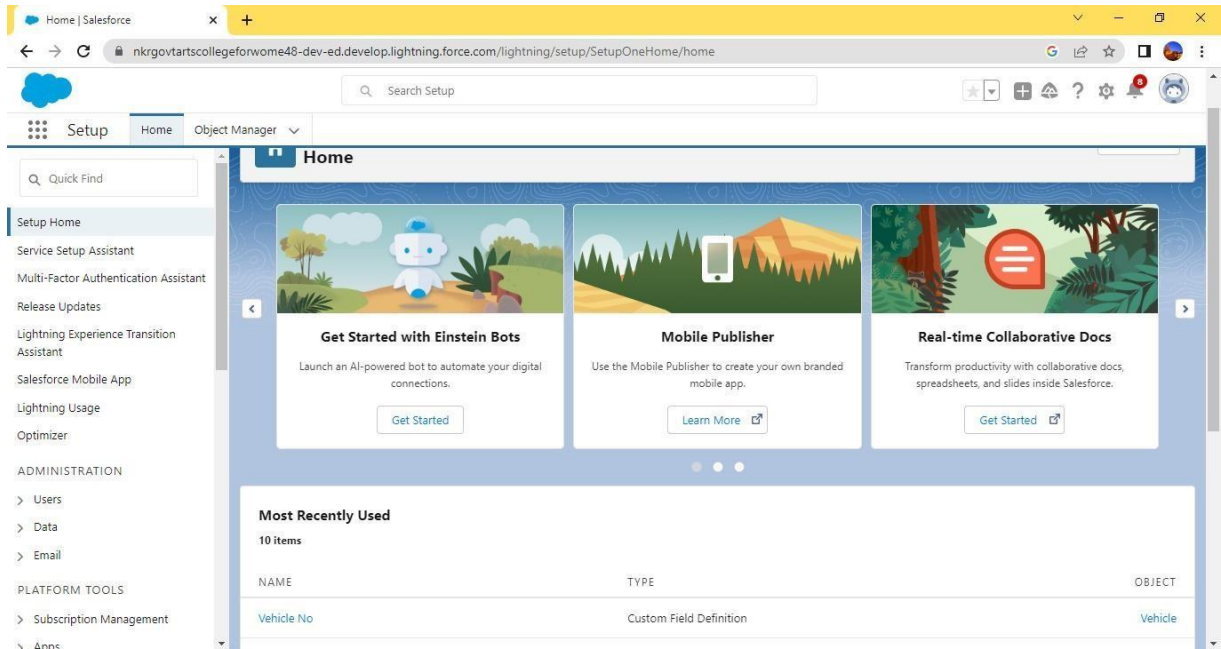
### 3.1 Data Model:

Object name	Fields in the Object		
Vehicles			
	Field label	Data type	
	Customer Name	Text	
	Customer Mobile No	Number	
	Vehicle Type i)2wheeler ii)4wheeler	Picklist	
	2WHEELERS i)HERO ii)HONDA iii)BAJAJ iv)ROYAL ENFIELD v)TVS vi)KINETIC vii)OLA viii)JAWA ix)SD x)BATTERY	Picklist	

	<div>4WHEELERS</div> <div>i)RENAULY</div> <div>ii)SKODA   iii)HONDA</div> <div>iv)HYUNDAI</div>	Picklist													
	<div>v)SUZUKI</div> <div>vi)MAHINDRA</div> <div>vii)VOLKSWAGEN</div> <div>viii)BENZ ix)AUDI</div> <div>x)VOLVO</div>														
	Vehicles Name	Text													
	Vehicle No	Text													
	Chassic No	Text													
	Colour	Text													
	Body Type	Text													
	<div>Vehicle Includes</div> <div>i)Fire Extenuation</div> <div>ii)First Aid Kit</div> <div>iii)Multi Charger Kit</div> <div>iv)Stepney</div> <div>v)Stereo   vi)Tool Kit</div> <div>vii)Tracking Device</div> <div>viii)Tyre Jack</div>	Multi Picklist													
	<div>Condition</div> <div>i)Good</div> <div>ii)Medium</div> <div>iii)Least</div>	Picklist													
	Mileage	Text													
	Seats	Number													
	Start Date	Date/Time													
	End Date	Date/Time													
	Opportunity	Lookup(opportunities)													
	Driver	<table><tr><td>Field label</td><td>Data type</td></tr><tr><td>Driver Name</td><td>Text</td></tr><tr><td>Licence No</td><td>Text</td></tr><tr><td>Mobile No</td><td>Number</td></tr><tr><td>Fair Per Hour</td><td>Text</td></tr><tr><td>Vehicle</td><td>Lookup(Vehicle)</td></tr></table>		Field label	Data type	Driver Name	Text	Licence No	Text	Mobile No	Number	Fair Per Hour	Text	Vehicle	Lookup(Vehicle)
	Field label	Data type													
Driver Name	Text														
Licence No	Text														
Mobile No	Number														
Fair Per Hour	Text														
Vehicle	Lookup(Vehicle)														

## 3.2 Activity & Screenshot

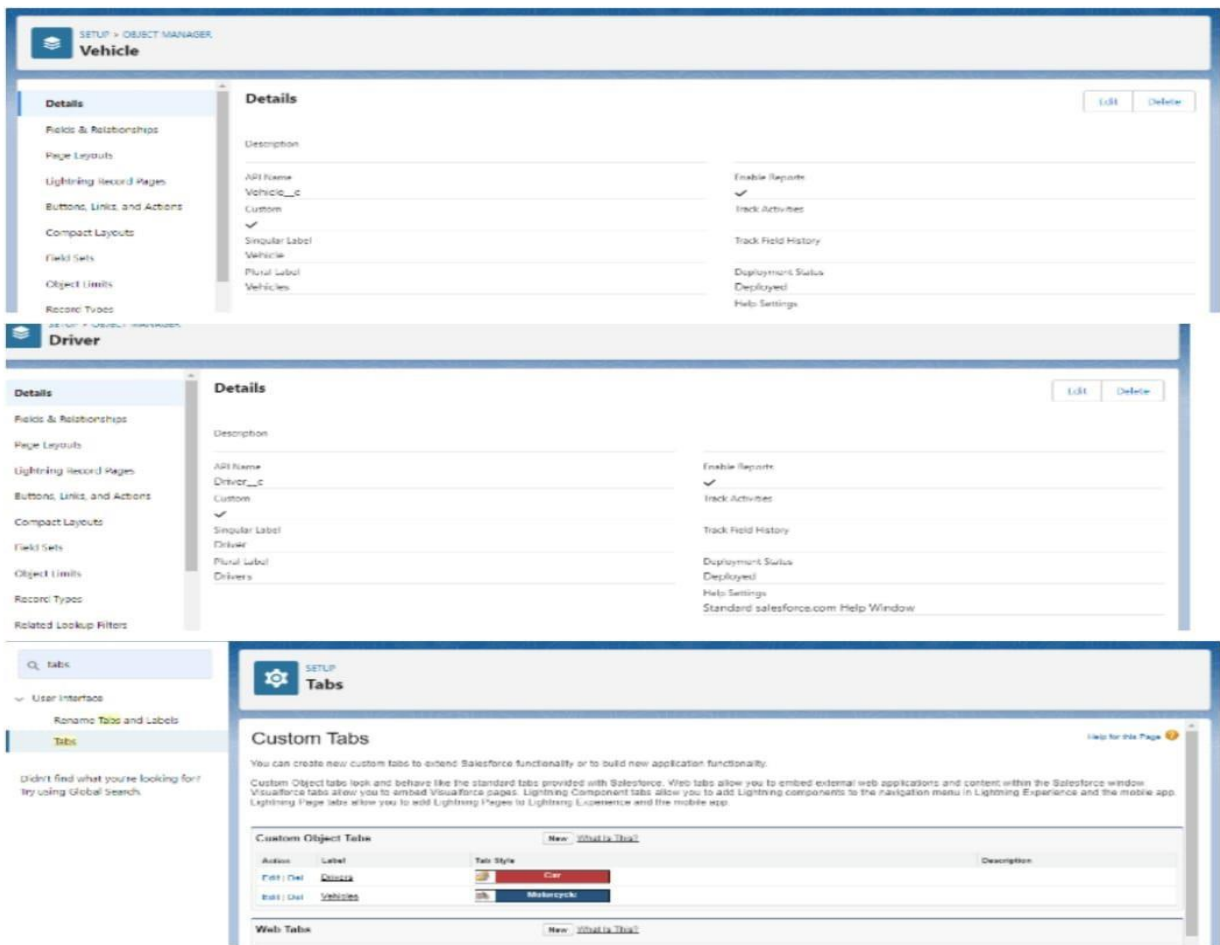
### 1.CREATION SALESFORCE ORG



#### DESCRIPTION:

We create a developer org in Salesforce and We log in to Salesforce Account.

#### 2.OBJECT:



## DESCRIPTION:

We create a object for Vehicle Management and We Create a two objects namely vehicles and drivers.

## 1 FIELDS AND RELATIONSHIP:

The screenshot shows the Salesforce Object Manager interface for a custom object named 'Vehicle'. The 'Fields & Relationships' section is active, displaying a list of 21 fields sorted by label. The fields include picklists for '2WHEELERS', '4WHEELERS', and 'Condition', text fields for 'Body Type', 'Chassic No', and 'Colour', and a lookup field for 'Created By'. Each field entry shows its label, API name, data type, controlling field, and indexing status.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2WHEELERS	X2_WHEELERS__c	Picklist	Vehicle Type	
4WHEELERS	X4_WHEELERS__c	Picklist	Vehicle Type	
Body Type	Body_Type__c	Text(10)		
Chassic No	Chassic_No__c	Text(12)		
Colour	Colour__c	Text(15)		
Condition	Condition__c	Picklist		
Created By	CreatedById	Lookup(User)		

## DESCRIPTION:

Field and relationships are created by creating custom relationship fields on an object. This is done so that when users view records , they can also see and access related data.

## 4.LIGHTNING APP:

	Account Name ↑	Account Site	Billing State/Prov...	Phone	Type	Account Owner ...
1	Arun	Namakkal		9876575768	Prospect	GP
2	Burlington Textiles Corp of America		NC	(336) 222-7000	Customer - Direct	GP
3	Dickenson plc		KS	(785) 241-6200	Customer - Channel	GP
4	Edge Communications		TX	(512) 757-6000	Customer - Direct	GP
5	Express Logistics and Transport		OR	(503) 421-7800	Customer - Channel	GP
6	GenePoint		CA	(650) 867-3450	Customer - Channel	GP
7	Gowtham	Mangampatti	Tamilnadu	4656954446	Prospect	GP
8	Grand Hotels & Resorts Ltd		IL	(312) 596-1000	Customer - Direct	GP
9	Hema	Karur	Tamilnadu	3537495957	Customer - Direct	GP
10	Pyramid Construction Inc.			(014) 427-4427	Customer - Channel	GP
11	Sample Account for Entitlements					autoproc
12	sForce		CA	(415) 901-7000		GP
13	Tharun	Namakkal		4567975433	Customer - Channel	GP

## DESCRIPTION:

We create the Vehicle Management Construction App using Lightning App.

## 5.PROFILE:

**Profile Edit: Vehicle Manager**

Name: Vehicle Manager  
User License: Salesforce  
Description:

Custom Profile: ☒

**Custom App Settings**

App	Visible	Default
All Tabs (standard__AllTabSet)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Studio (standard__Insights)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
App Launcher (standard__AppLauncher)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Build Solutions (standard__LightningBolt)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sales (standard__Sales)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sales Console (standard__LightningSalesConsole)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Salesforce Chatter (standard__Chatter)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Salesforce Scheduler Setup (standard__LightningScheduler)	<input type="checkbox"/>	<input type="checkbox"/>

## DESCRIPTION:

We create a Vehicle Manager Profile and set its object Permission.

## 6.USERS:



**SETUP Users**

**All Users**

On this page you can create, view, and manage users.

In addition, download SalesforceA to view and edit user details, reset passwords, and perform other administrative tasks from your mobile devices: [iOS](#) | [Android](#)

View: [All Users](#) | [Edit](#) | [Create New View](#)

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | [All](#)

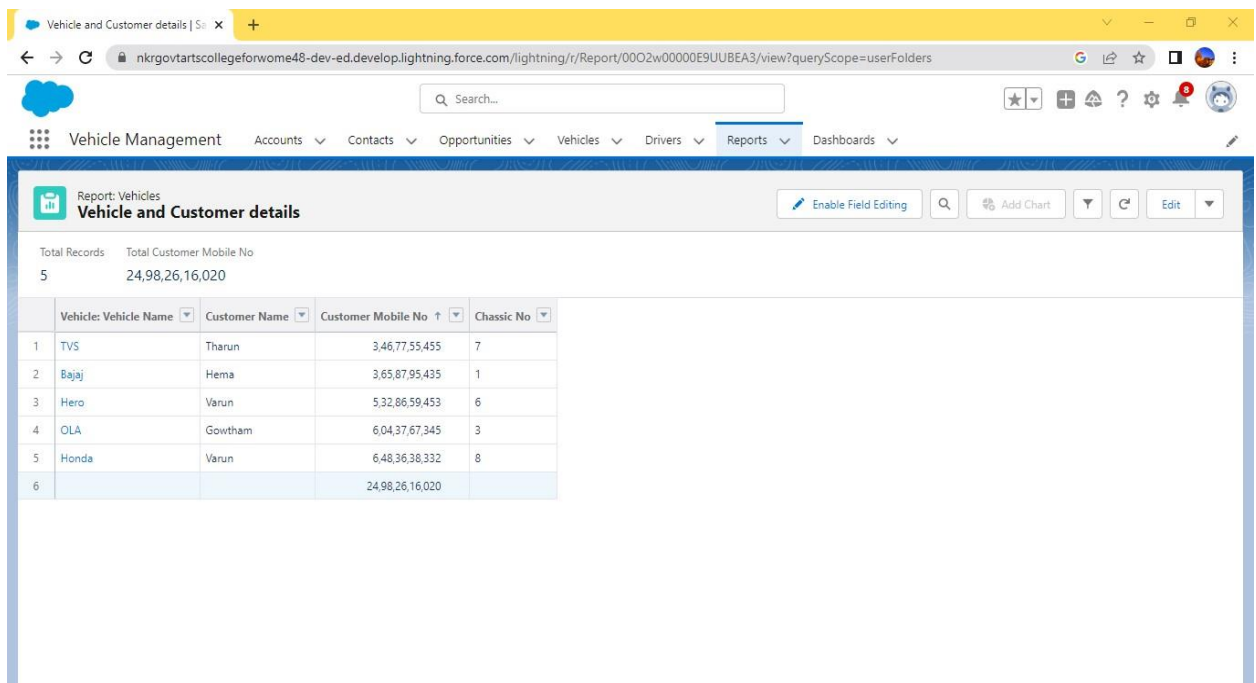
Action	Full Name ↑	Alias	Username	Role	Active	Profile
<a href="#">Edit</a>	Chatter Expert	Chatter	chatter_00d2w00000ri0inead.f3s2u0lqsd7k@chatter.salesforce.com		✓	Chatter Free User
<a href="#">Edit</a>	P. Gomathi	GP	gomathi@nkr.salesforce		✓	System Administrator
<a href="#">Edit</a>   <a href="#">Login</a>	Singh, Sharma	ssing	hooie0@gmail.com	Operator 2	✓	Operator
<a href="#">Edit</a>   <a href="#">Login</a>	Teddy, John	jtedd	hooiehooie20@gmail.com	Vehicle Manager	✓	Vehicle Manager
<a href="#">Edit</a>	User Integration	integ	integration@00d2w00000ri0inead.com		✓	Analytics Cloud Integration User
<a href="#">Edit</a>	User Security	sec	insightsecurity@00d2w00000ri0inead.com		✓	Analytics Cloud Security User
<a href="#">Edit</a>   <a href="#">Login</a>	Varma, Aditya	avarm	hooiehooie@gmail.com	Operator 1	✓	Operator

[New User](#) [Reset Password\(s\)](#) [Add Multiple Users](#)

## DESCRIPTION:

We create users to anyone to logs into Salesforce. Every users in Salesforce has a user Account.

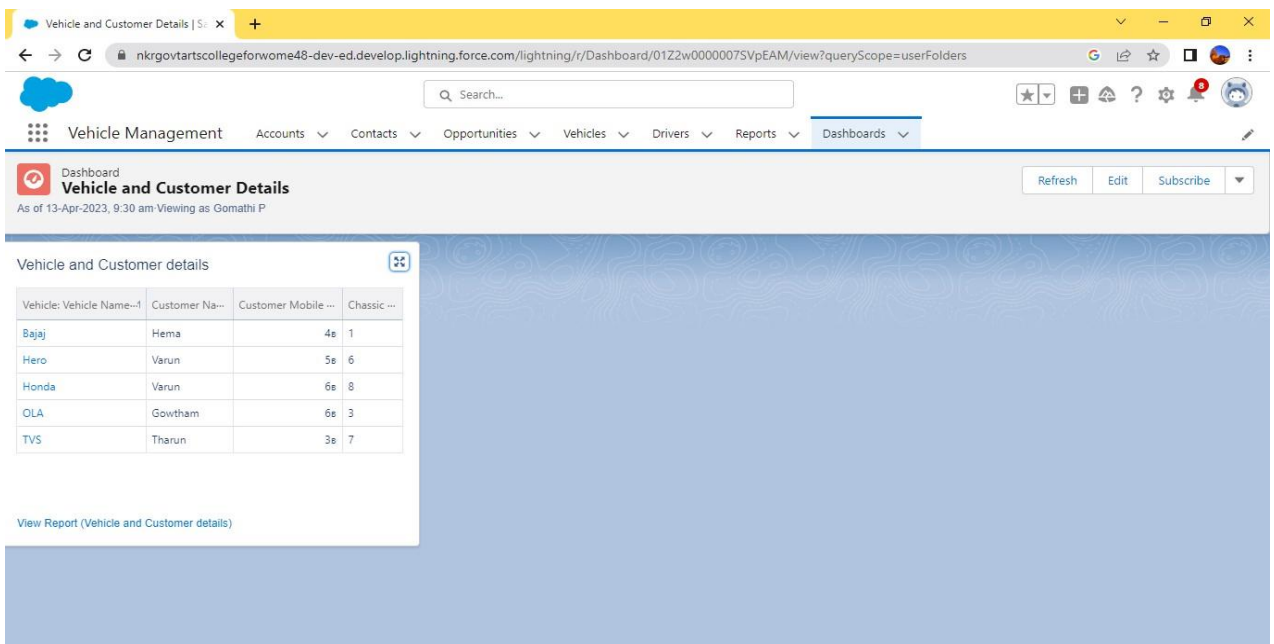
## 7.REPORTS AND DASHBOARD:



This screenshot shows a Salesforce report titled "Report: Vehicles and Customer details". The report displays a table with 5 records. The columns are: Vehicle Name, Customer Name, Customer Mobile No, and Chassis No. The data is as follows:

	Vehicle: Vehicle Name	Customer Name	Customer Mobile No	Chassis No
1	TVS	Tharun	3,46,77,55,455	7
2	Bajaj	Hema	3,65,87,95,435	1
3	Hero	Varun	5,32,86,59,453	6
4	OLA	Gowtham	6,04,37,67,345	3
5	Honda	Varun	6,48,36,38,332	8
6			24,98,26,16,020	

The report also shows summary statistics: Total Records: 5, Total Customer Mobile No: 24,98,26,16,020. The interface includes a search bar, navigation tabs (Vehicle Management, Accounts, Contacts, Opportunities, Vehicles, Drivers, Reports, Dashboards), and a toolbar with options like "Enable Field Editing", "Add Chart", and "Edit".



This screenshot shows a Salesforce dashboard titled "Dashboard: Vehicle and Customer Details". The dashboard displays a table with 5 records. The columns are: Vehicle Name, Customer Name, Customer Mobile No, and Chassis No. The data is as follows:

Vehicle: Vehicle Name	Customer Name	Customer Mobile No	Chassis No
Bajaj	Hema	4e	1
Hero	Varun	5e	6
Honda	Varun	6e	8
OLA	Gowtham	6e	3
TVS	Tharun	3e	7

The dashboard also includes a "View Report (Vehicle and Customer details)" link. The interface features a search bar, navigation tabs (Vehicle Management, Accounts, Contacts, Opportunities, Vehicles, Drivers, Reports, Dashboards), and a toolbar with options like "Refresh", "Edit", and "Subscribe".

## DESCRIPTION:

We create a Report and Dashboard.

## 5 Trailhead Profile Public URL

Team Lead- <https://trailblazer.me/id/pavis59s> Team Member 1- <https://trailblazer.me/id/ragai4>



## Project Report Template

### 4 I) ADVANTAGES

- This project helps to analyses every single information of our vehicles.
- We know about our vehicles A to Z as corruption and expenses about our vehicles.
- It is active system of scientific world.

### II) DISADVANTAGES

- It is not possible to cover all of the customer needs.
- Changes of vehicles management system is difficult because it's needs more money and time.
- It not reached on rural area.

### 5 APPLICATIONS

- Vehicle management System used in Automative industry.
- It supports in the area of sales and services the business process that vehicle important.
- It used in manufacturing area of the new model vehicles.

### 6 CONCLUSION

- The vehicle management system proposed to make easy process of managing vehicle with the objective to replace the current approach.

### 7 FUTURE SCOPE

- To register and keep the information about all vehicles.
- Report from the database records in order to get the whole view about the vehicles amounts.