SALESFORCE ASSOCIATE

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

INTRODUCTION

1.1 Overview

Vehicle Management is an application where a customer Details are stored inorder to choose cars, bikes and commercial vehicles for travel with in 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

► vehicle management system is a software system or platform .

► That serves to manage commercial fleets of vehicles, such as cars, vans or trucks.

► 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 AND DESIGN THINKING

2.1 EMPATHY MAP
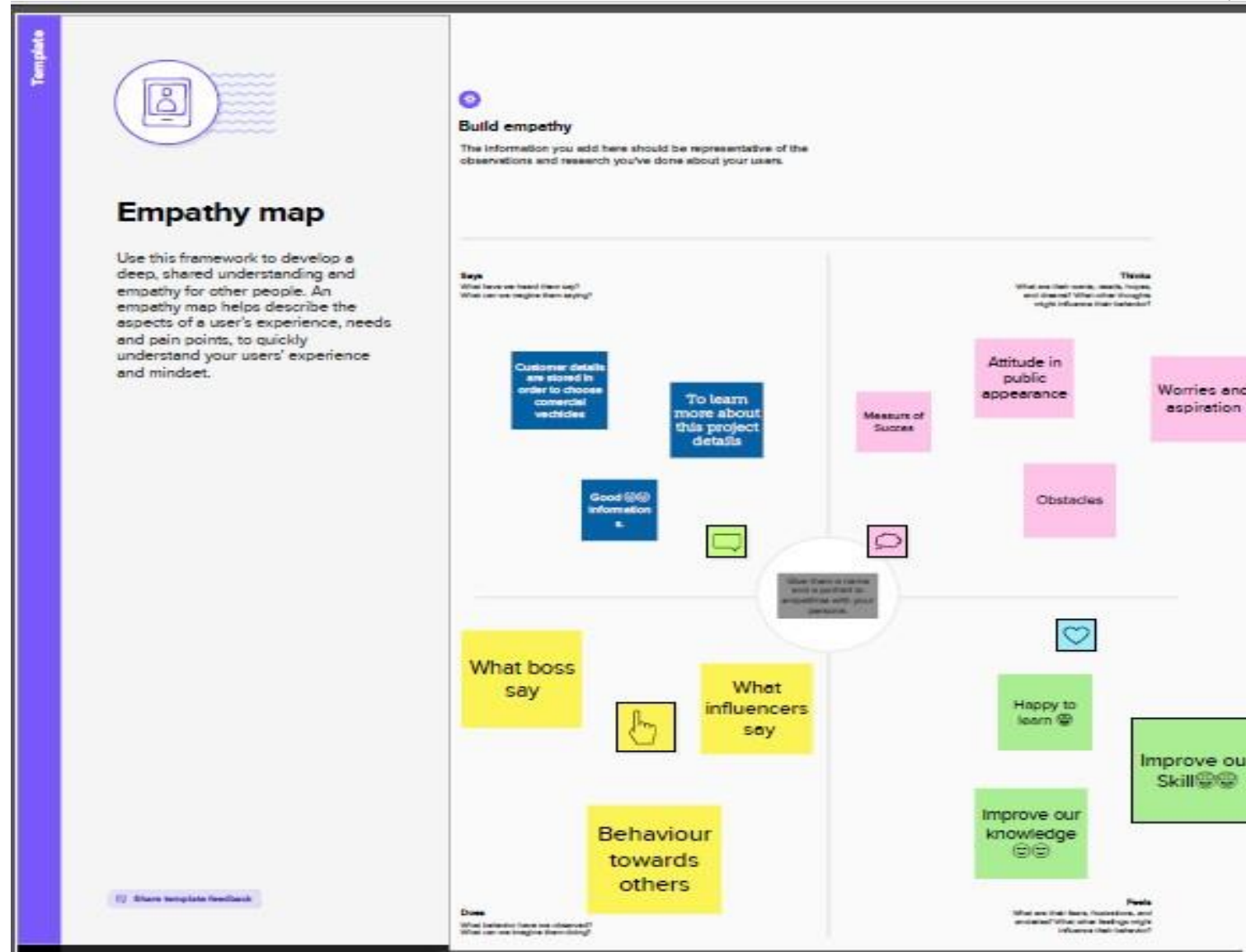
2.2 IDIATION AND BRAINSTORMING MAP

3 .RESULT
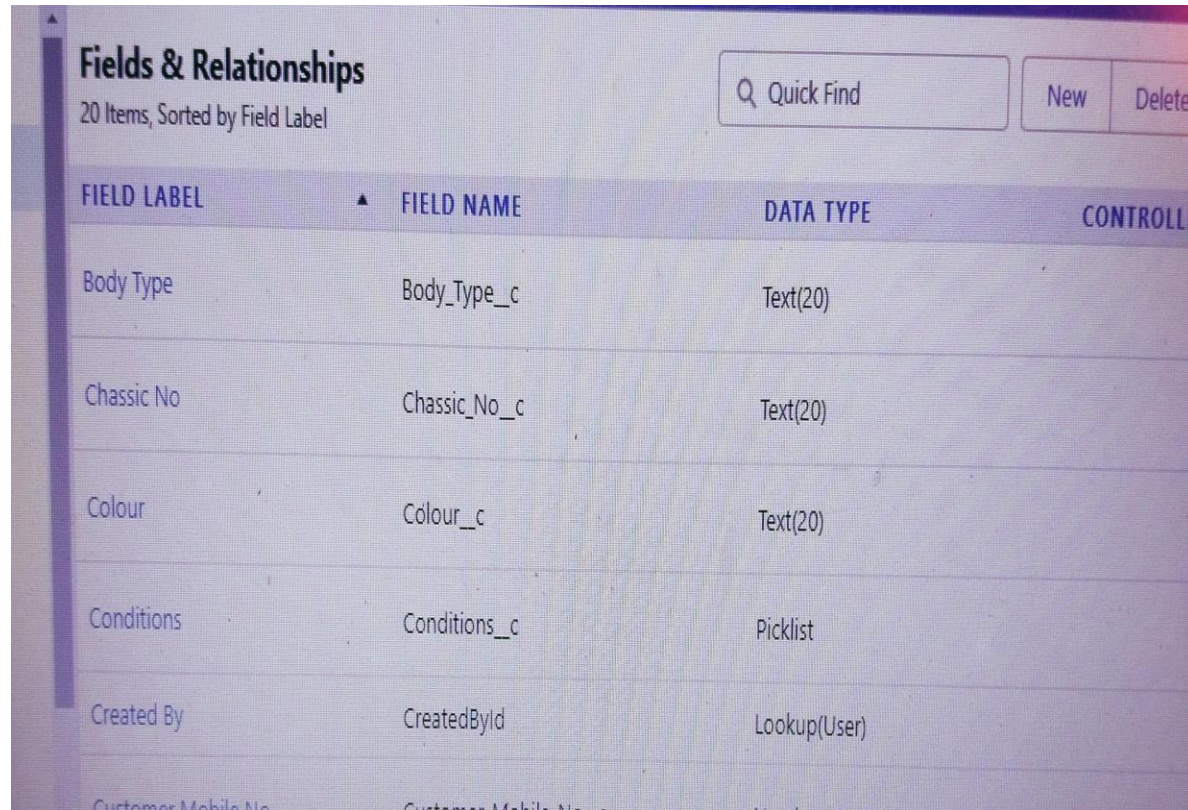## 3.1 Data Model

OBJECT NAME	FIELDS IN THE OBJECT (FIELD LABEL)	FIELDS IN THE OBJECT (DATA TYPE)
1 . VEHICLES	1.Customer Name 2.Customer No 3.Vehicle Type 4.2 and 4 Wheelers 5.Vehicle Name 6. Vehicle No 7.Chassic No 8.Start date ,End date 9.Opportunity	1.Text 2.Number 3.Picklist 4.Picklist 5.Text 6.Text 7.Text 8.Date and Time 9.Lookup (oppertunities)
2 . DRIVER	1.Driver Name 2.Licence No 3.Mobile No 4.Fair Per Hour 5.Vehicle	1.Text 2.Text 3.Number 4.Text 5.Lookup(vehicle)

3.2 Activity And Screenshot

- ▶ Milestone 1
- ▶ We create a vehicle ,driver object
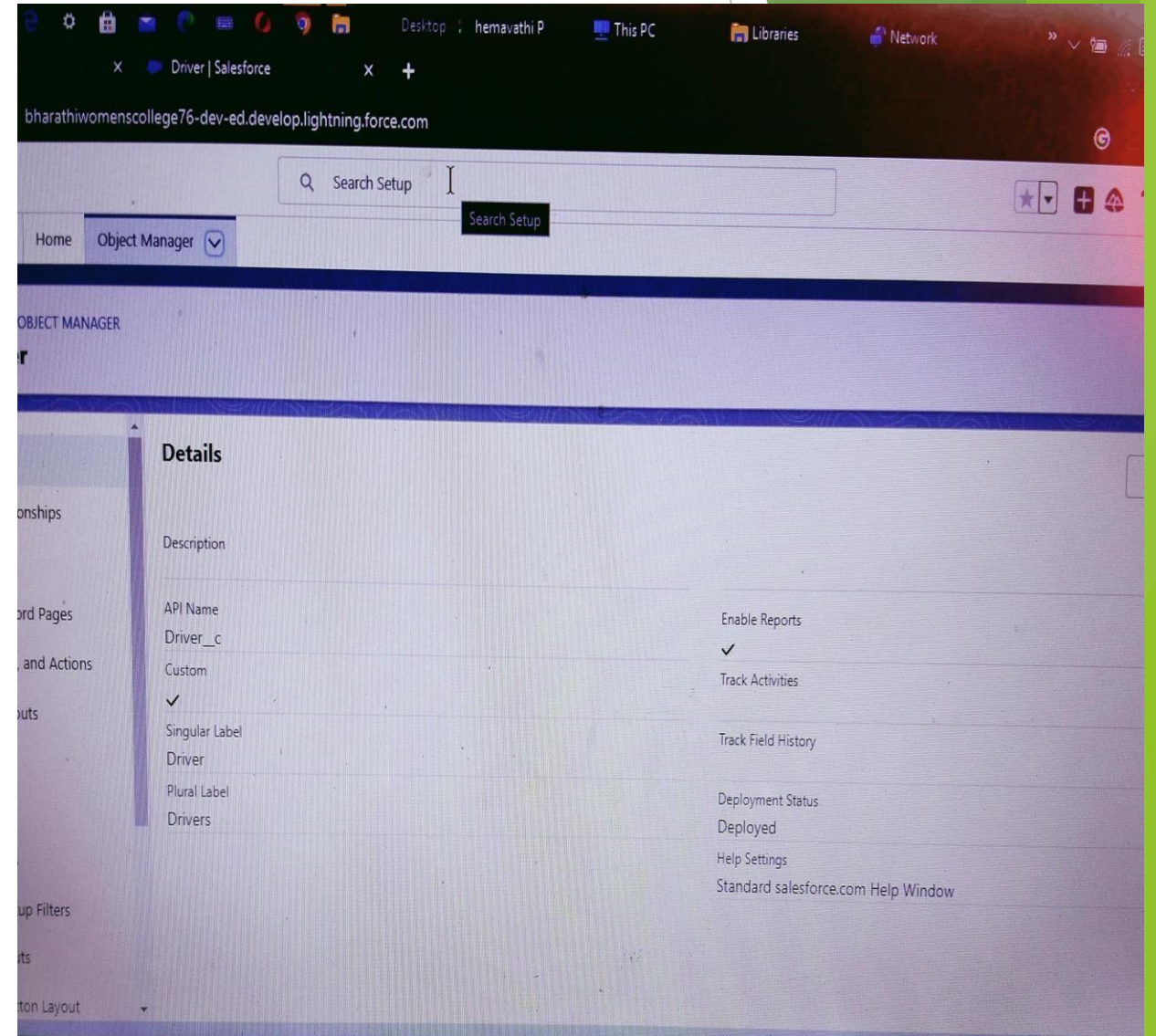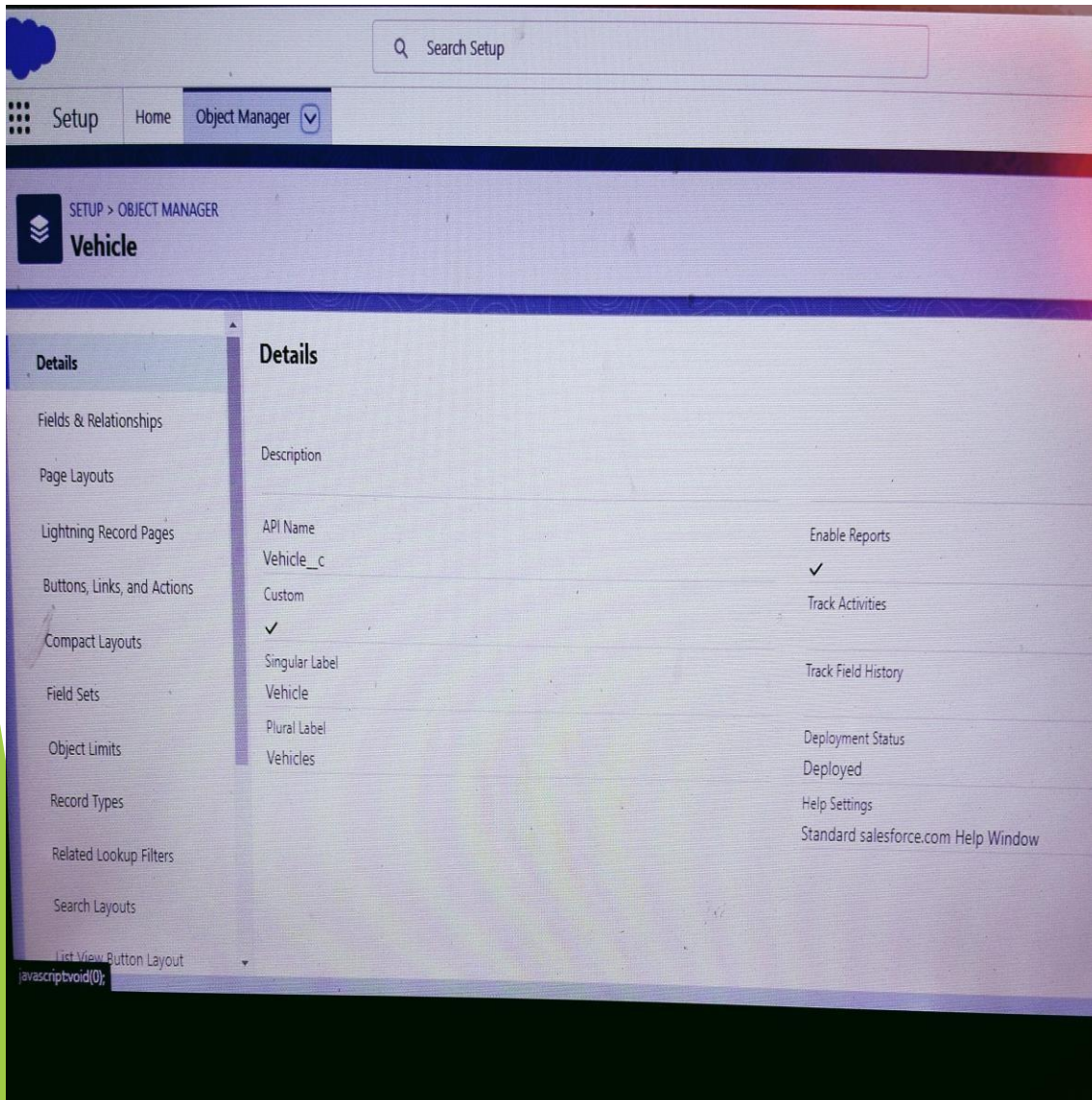
2. We are creating a field and relationship following the project manual steps.

Fields & Relationships
20 Items, Sorted by Field Label

Quick Find | New | Deleted

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLI
Body Type	Body_Type_c	Text(20)	
Chassic No	Chassic_No_c	Text(20)	
Colour	Colour_c	Text(20)	
Conditions	Conditions_c	Picklist	
Created By	CreatedById	Lookup(User)	
Customer Mobile No	Customer Mobile No		

MANAGER

Fields & Relationships
9 Items, Sorted by Field Label

Quick Find | New

FIELD LABEL	FIELD NAME	DATA TYPE	CONT
Created By	CreatedById	Lookup(User)	
Driver Name	Driver_Name_c	Text(15)	
Driver Name	Name	Text(80)	
Fair Per Hour	Fair_Per_Hour_c	Text(10)	
Last Modified By	LastModifiedById	Lookup(User)	
Licence No	Licence_No_c	Text(20)	
Mobile No	Mobile_No_c	Number(10, 0)	
Owner	OwnerId	Lookup(User, Group)	

4. Creating a Lightning App

5. Profile creation

Finaly we create the Users and Reports

4 TRAILHEAD PROFILE PUBLIC URL

- Team Leader   –   http://trailblazer.me/id/Rithika

- Team Member 1 - https://trailblazer.me/id/sathiya222422

- Team Member 2 – https://trailblazer.me/id/vsamyukthadevi

- Team Member 3 – https://trailblazer.me/id/rathijp2003

5 . ADVANTAGES & DISADVANTAGES

Advantages

► **Duplication** of the vehicle data **is avoided.**

► As vehicle number is already stored in the master therefore **human mistakes can be avoided.**

► Timely alerts ensure that **penalties are avoided.**

Disadvantage

* **No Disadvantage**

6 . APPLICATIONS

► Accessing of vehicle documents becomes easy and time saving.

► Renewal of statutory documents on timely manner avoids any legal confrontation.

► No duplication ensures accuracy of vehicle data.

7 .CONCLUTION

- Vehicle management systems created by SCAND.

- SCAND are designed to help our clients.

- It to keep track of the vehicles in real-time, plan, execute, and optimize their transportation processes through GPS and data collection.

8 .*FUTURE SCOPE*

▶ We can add printer in future.

▶ We can give more advance software for Vehicle Management system including more facilities.

▶ We will host the platform on online servers to make it accessible wordwide

▶ Integrate multiple load balancers to distribute the loads of the system.

▶ Create the master and slave database structure to reduce the overload of the database queries.