

# Project Report Template

## 1 Introduction

### overview 1.1

The creating salesforce developer org is the first step of project activity and create username and password is mainly to enter salesforce.com. vehicle management we need to create two objects it is vehicle and driver. All the milestones are made based on the two objects. Totally seven milestones are given creation salesforce org, object, fields and relationship, lighting app, profile, user, report. .Each milestones or activities is related to other milestones

Milestone-1: Creating salesforce org

Creating developer account.1

Milestones-2: object

Creation of vehicle object.1

Creation of driver object.2

Milestone-3: fields and relationship

Fields in vehicle object-data type .1

Fields in driver object-data type .2

Fields in driver object .3

Milestone-4: lighting app

Create the vehicle management.1

construction app

Milestone-5:profile

Creating a profile.1

Milestone-6:users

Creating a users .1

Milestone-7:reports

Reports and dashboard.1

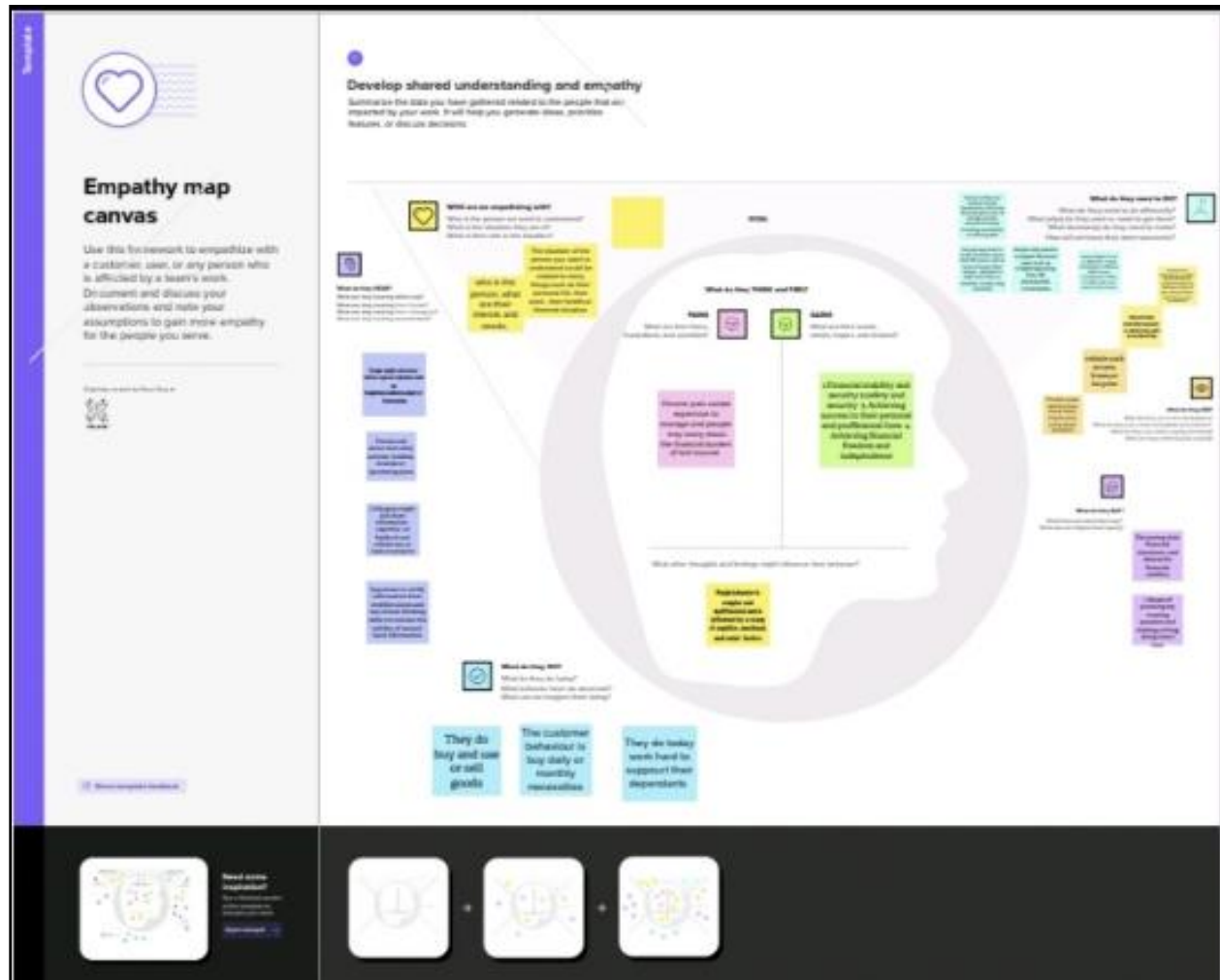
Dashboard.2

## **1.2 Purpose**

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

## 2 Problem Definition And Design Thinking

## Empathy Map 2.1





## Empathy map

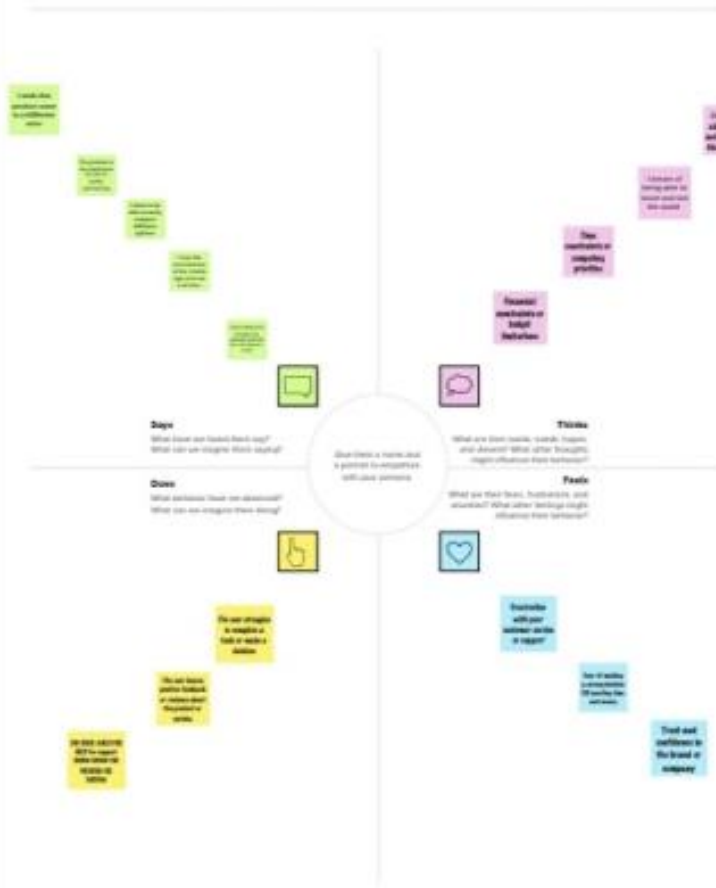
Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

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### Build empathy

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



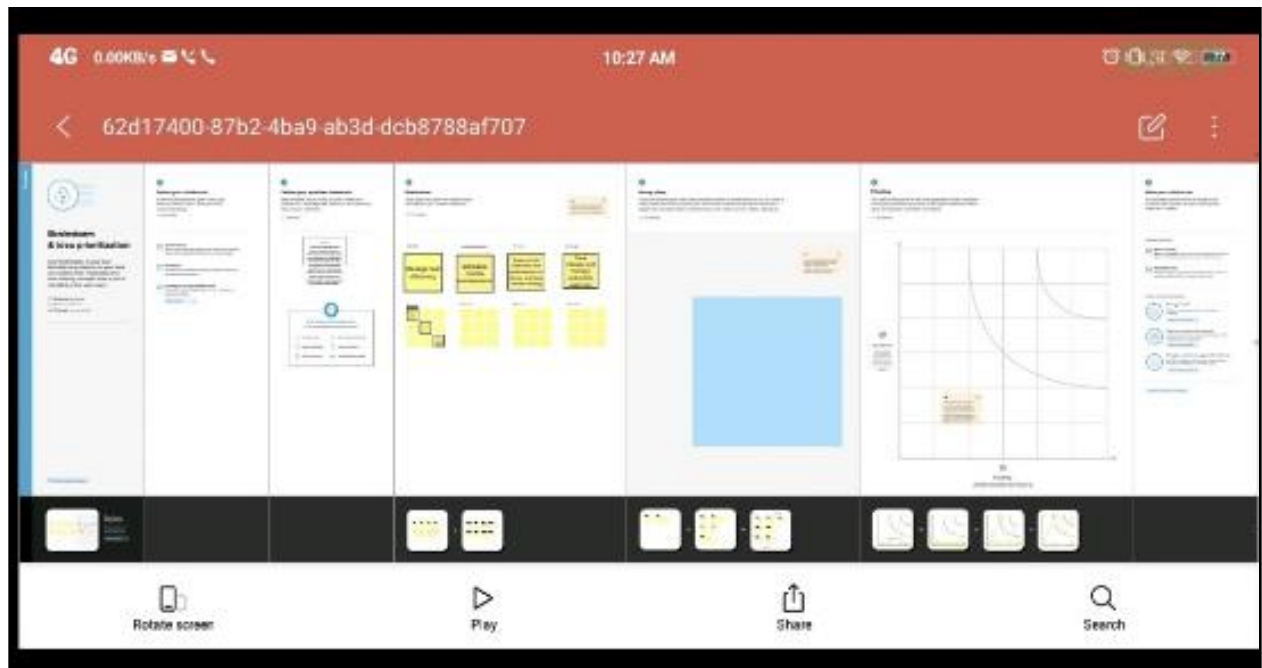
#### Need some inspiration?

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## Ideation And Brainstroming Map 2.2



### 3 Result

#### Data Model 3.1

Object name	Field name	Data type
-------------	------------	-----------

vehicle	Customer name	text
	Customer mobile number	number
	Vehicle type 2wheeler 4wheeler	picklist
	2wheelers Hero Ola TVS SD	Picklist
	4wheelers Honda Suzuki Hyundai Skoda	Picklist
	Vehicle name	text
	Vehicle number	text

	Chassic number	text
	color	text
	Body type	text
	mileage	text
	seats	number
	Start date	Date/time
	Vehicle includes First aid kid Stepney Tool kid Tyre jack	Multi picklist
	Condition Good Median least	picklist
	End date	Date/time
	opportunity	Lookup(opportunity)

Driver	Driver name	text
	Licence number	text

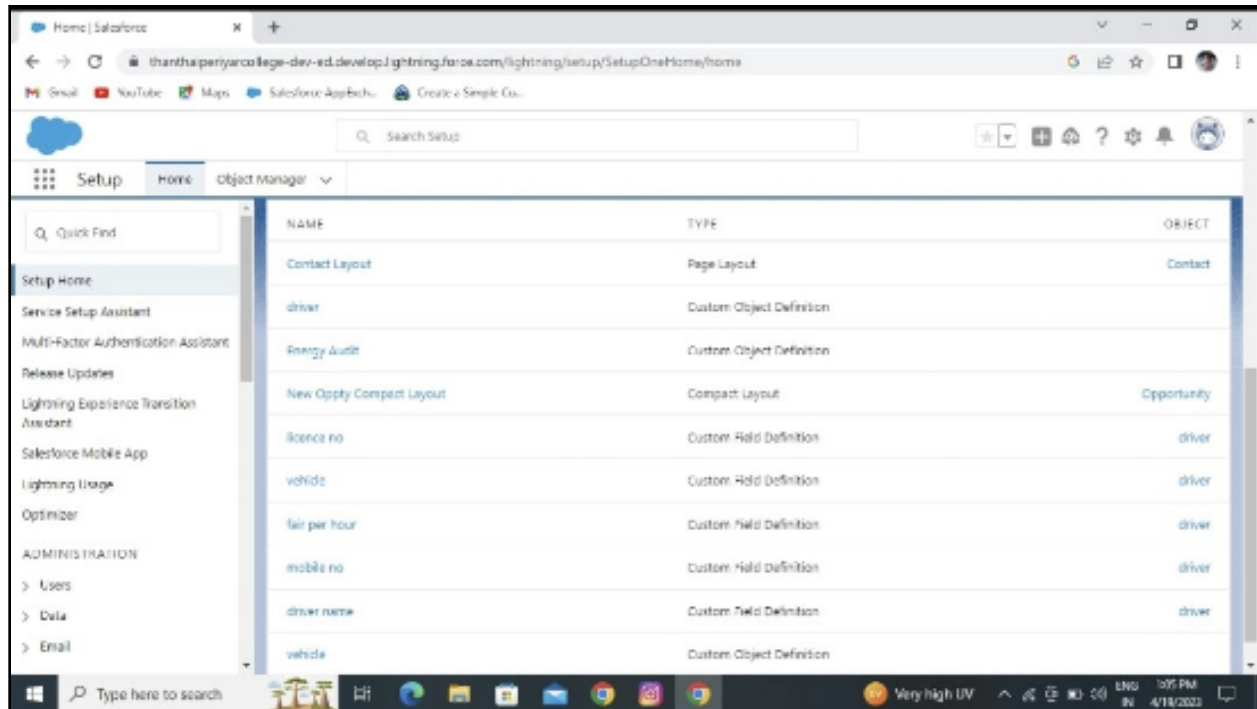
	Mobile number	number
	Fair per hour	text
	vehicle	Lookup(vehicle)

### 3.1 Milestone & Activities - screenshot

#### Milestone -1

creation of salesforce developer account





## Description

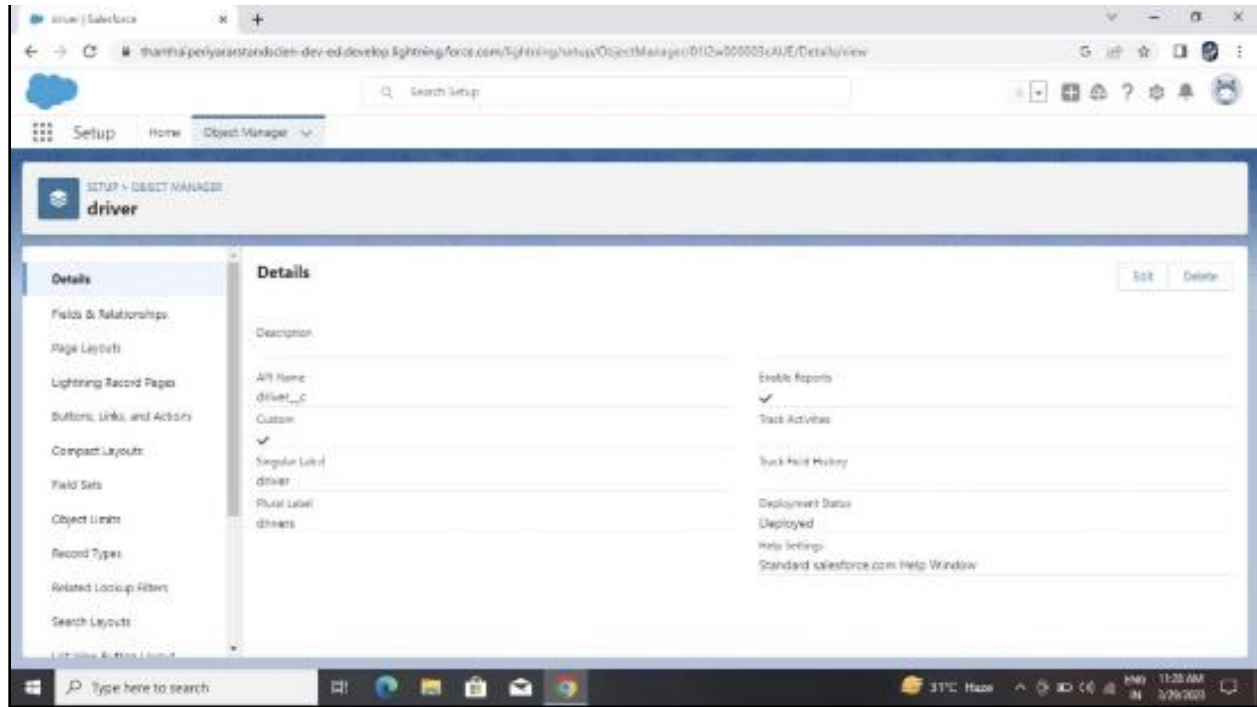
- to create an account on salesforce.org
- after login to salesforce account enter username and password
- after login this homepage you will start the .project

## Milestone -2

Creating objects-vehicle,driver

### 1) vehicle





## Description

- :create all objects
  - vehicle
  - driver
- after check your object In quick find box
- on custom object page
- enter the lable name, plural lable name, click ok  
.allow reports, allow search and save

## Milestone -3

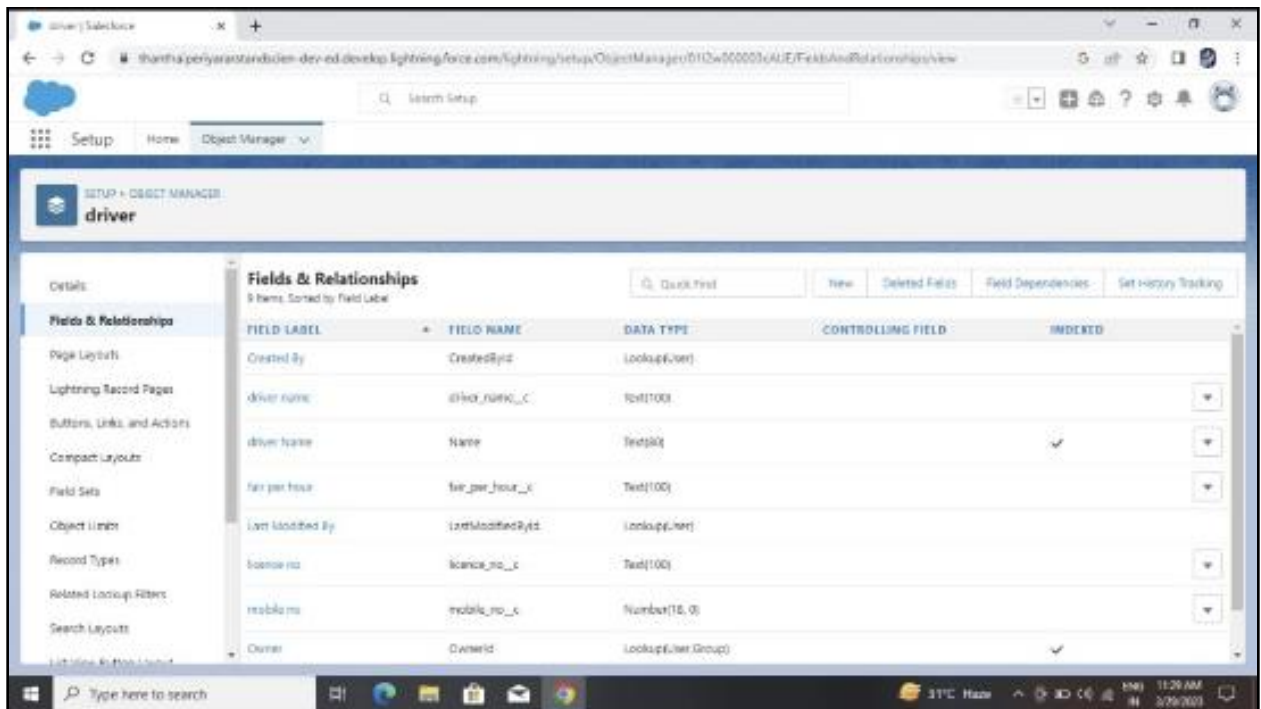
Creating fields and relationship for above custom objects

## 1) vehicle

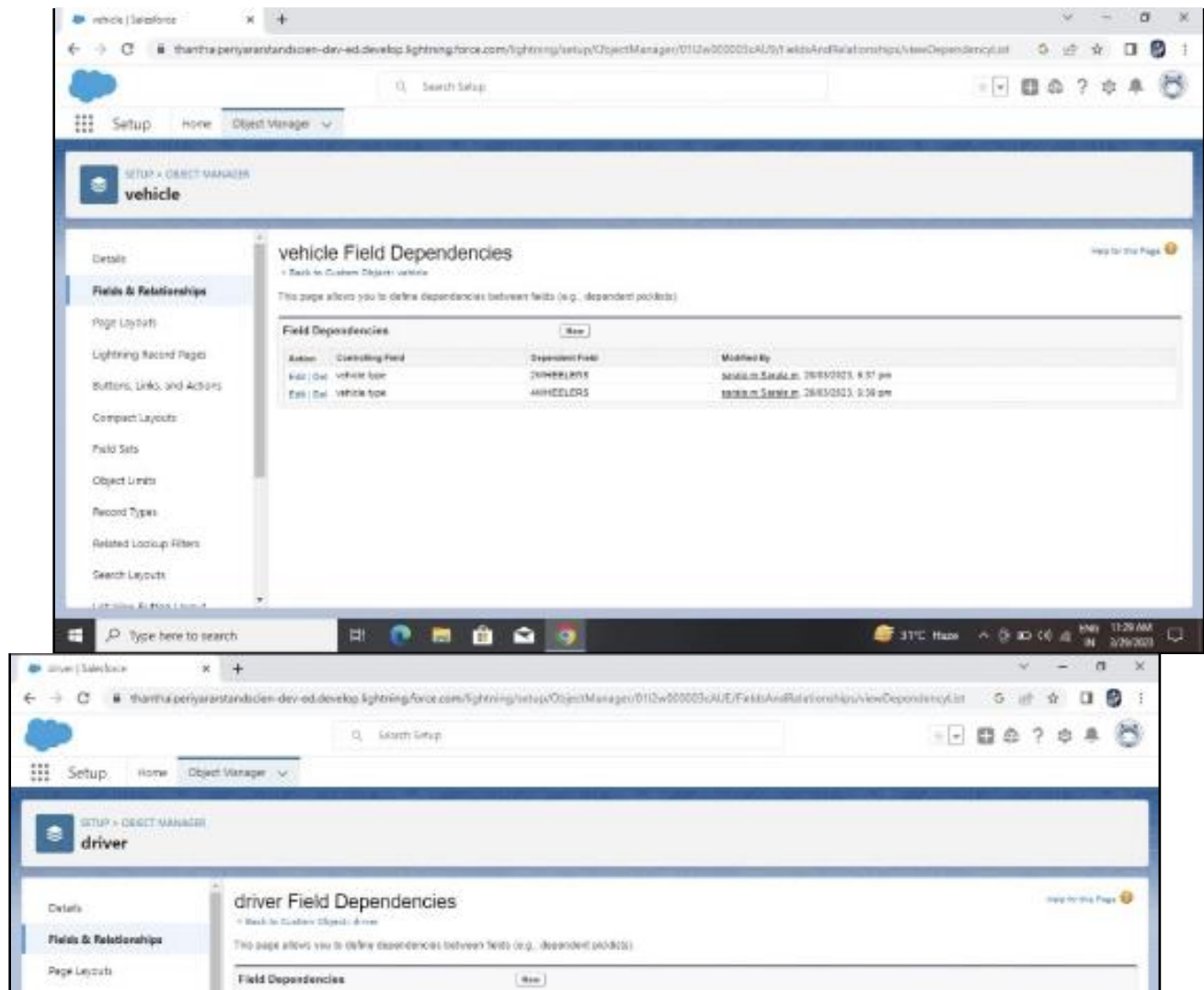
The screenshot shows the Salesforce Setup interface for the 'vehicle' object. The left sidebar contains a navigation menu with options like 'Details', 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', 'Record Types', 'Related Lookup Filters', and 'Search Layouts'. The 'Fields & Relationships' section is selected, displaying a table of 21 items sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: WHEELERS (Rollup), WHEELERS\_c (Rollup), WHEELERS\_c (Rollup), body type (Text(100)), chassis no (Text(100)), colour (Text(100)), condition (Rollup), and Created By (Lookup(used)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
WHEELERS	WHEELERS_c	Rollup	vehicle type	
WHEELERS	WHEELERS_c	Rollup	vehicle type	
body type	body_type_c	Text(100)		
chassis no	chassis_no_c	Text(100)		
colour	colour_c	Text(100)		
condition	condition_c	Rollup		
Created By	CreatedById	Lookup(used)		

## 2) driver



### 3) Fields In vehicle and driver object

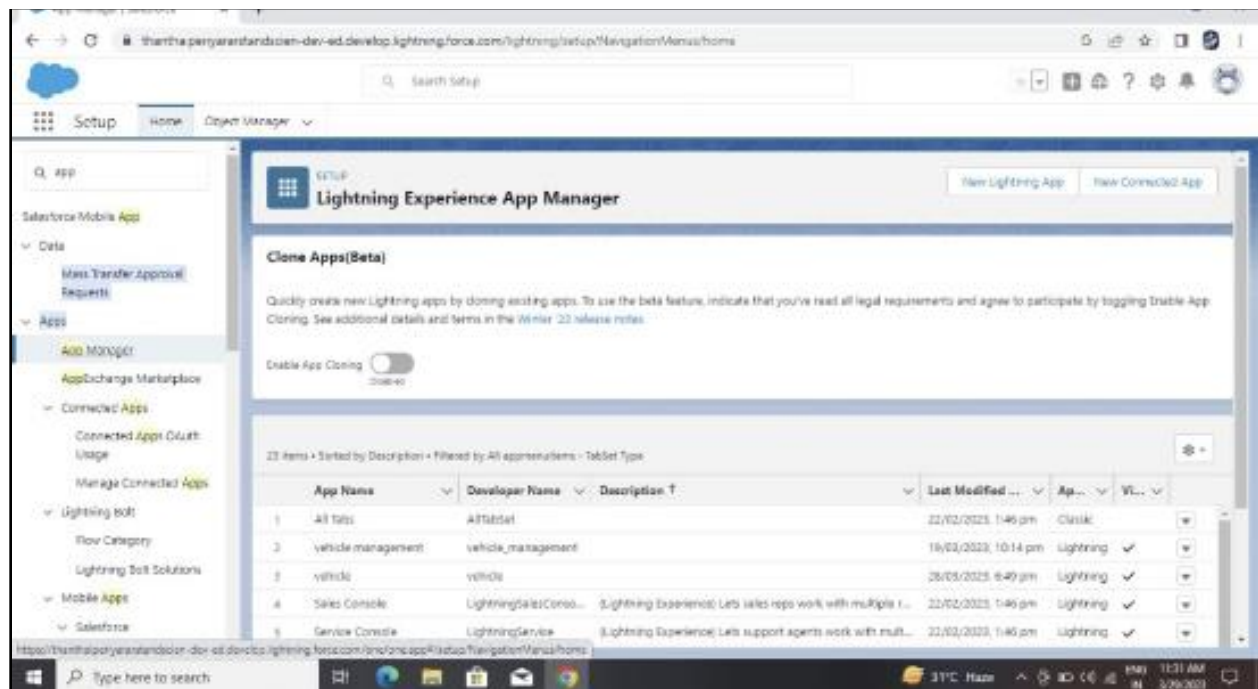


## Description

- .click object manager select vehicle, driver
- .Click field and relationship
- Select datatype and enter field label
- .Click next and save

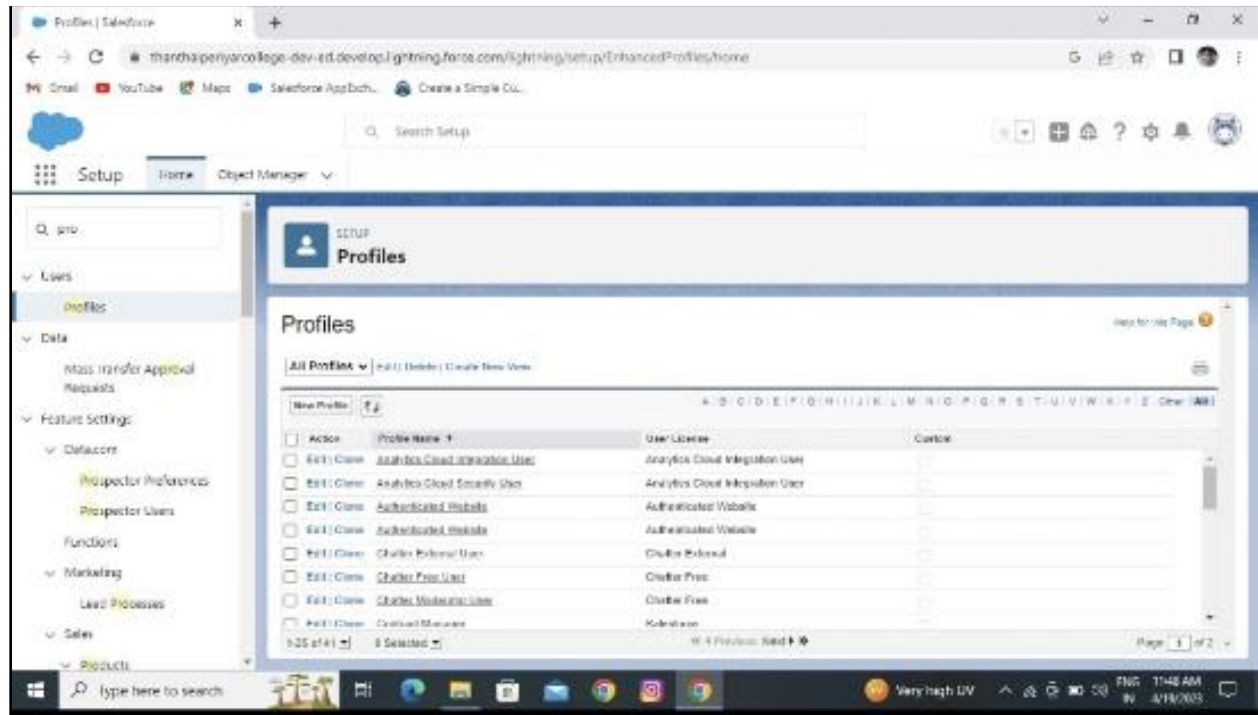
## Milestone -4

To create the vehicle management construction app



## Milestone -5

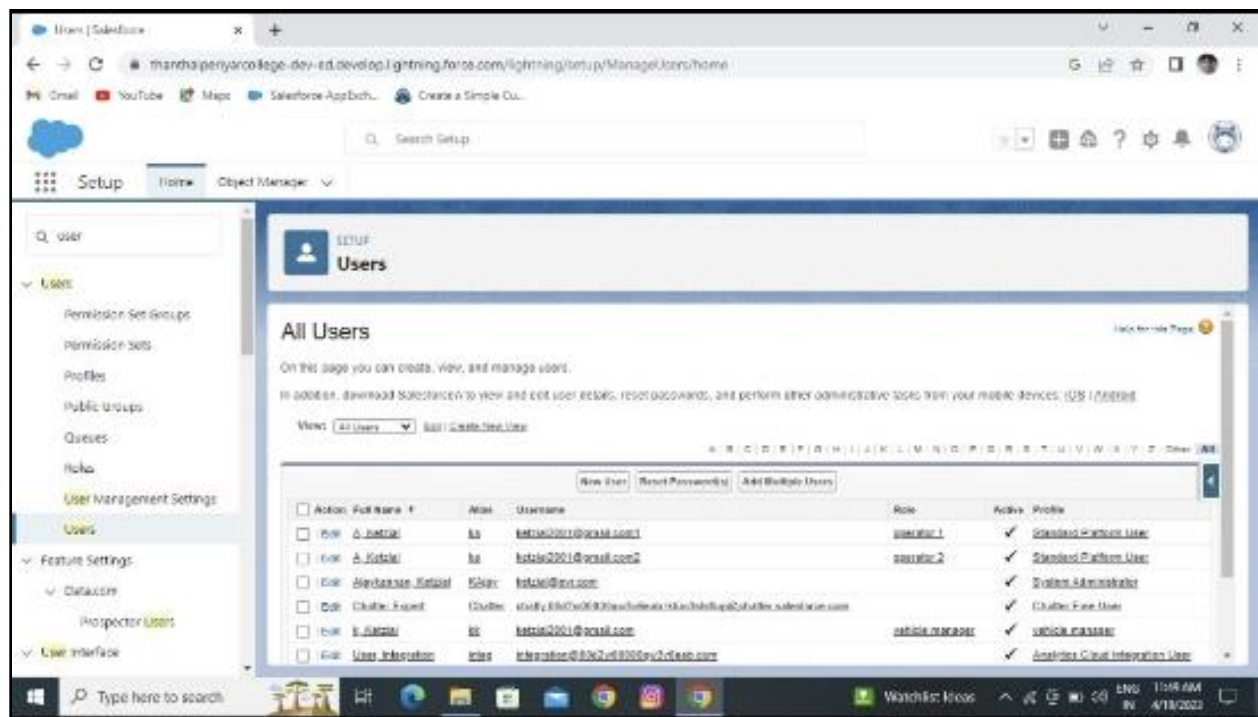
To create a profile



## Milestone -6

To create a user





## Milestone-7

### Reports and dashboards

#### 1) Reports

Reports | Salesforce

thantipaeriyarandisden-dev-ed.develop.lightning.force.com/lightning/r/Report/home?queryScope=meu

Search...

Marketing Home Chatter Campaigns Leads Contacts Opportunities Reports Dashboards

Reports

Recent

Search recent reports...

New Report New Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	vehicle		vehicle	saralun Saralun	20/5/2023 7:18 pm	

Created by Me

Private Reports

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

Type here to search

31°C Haze 11:35 AM 3/29/2023

Vehicle And Customers Details

Report: vehicles  
Vehicle And Customers Details

Total Records: 5

	vehicles: vehicle Name	vehicles: ID	vehicles: no	vehicle type	chaic no	colour	body type
1	BAVA	a002-a0000-a00E	TH005627	2WHEELER	77272	BLUE	SILVER
2	KTMAL 615PHEID	a002-a0000-a00TL	TH407365	2WHEELER	65864	BLUE	SILVER
3	HONDA	a002-a0000-a00P	TH443733	2WHEELER	75854	BLUE	SILVER
4	Audi	a002-a0000-a00M	TH056733	4WHEELER	95746	RED	SILVER
5	BENZ	a002-a0000-a00TU	TH003673	4WHEELER	74874	BLUE	SILVER

To Do List

Type here to search

Windows taskbar: Watchdog Icons, 4/18/2023, 1:05 PM

## 2) Dashboards

Dashboards | Salesforce

thamra.peryar@handson-dev-ed.develop.lightning.force.com/lightning/ui/Dashboards/home?query=ccpennnu

Search...

Marketing Home Chatter Campaigns Leads Contacts Opportunities Reports Dashboards

Recent records

vehicle and customer details

New Dashboard New Folder

DASHBOARDS

Recent

1 row

DASHBOARD	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	vehicle and customer details		Private Dashboards	satish m Sankam	26/5/2022 7:29 pm	

Created by Me

Private Dashboards

All Dashboards

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

Type here to search

Very high LW

11:38 AM 3/29/2023

Dashboard: vehicle and customer details

As of 18-Apr-2023, 1:08 pm viewing as Ketzial Anjankannan

Vehicle And Customers Details

vehicle Name	vehicle ID	vehicle no	vehicle type	customer no
AUDI	a022w00000r00Tm	TH308733	4WHEELER	38756
SAJAJ	a022w00000r00Tl	TH208627	2WHEELER	17272
BSNZ	a022w00000r00Tj	TH203473	4WHEELER	74874
HONDA	a022w00000r00Tl	TH475133	2WHEELER	13854
ROYAL ENFIELD	a022w00000r00Tl	TH407363	2WHEELER	63867

View Report (Vehicle And Customers Details)

## Trailhead profile public URL 4

:Team lead

Ketzial.K—<https://trailblazer.me/id/kajaykannan>

Team member

Kiruba.R : <https://trailblazer.me/id/kkiruba4/>

Lavanya.D: <https://trailblazer.me/id/lmala68>

Mahabharahi.S: <https://trailblazer.me/id/mbharathi27>

Sarala.M: <https://trailblazer.me/id/ssaralam1>

## Advantages and Disadvantages 5

### Advantages 5.1

- ❖ 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

## Disadvantages 5.2

- ❖ They are expensive to buy, maintain and insure
- ❖ They emit air pollution that can harm your health
- ❖ They contribute to global warming and climate change
- ❖ They cause accidents and injuries when they run people over or collide with other vehicle on the road

## Applications 6

- ❖ complete database of customer
- ❖ SMS alerts for service reminder

- ❖ promote service reminder
- ❖ maintain service records
- ❖ customize the report according to business requirements
- ❖ develop operational expenditure model
- ❖ GPS tracking

## conclusion 7

- ❖ This project helped me to get the better understanding to develop and derive new class structures and organize them such that they will model real world system within computers
- ❖ It also helped me In getting the better understanding of basic programming concepts of c++ language such as loops, control .structure, fic handing etc

- ❖ After this project , I am In position to explain object oriented programming concepts and apply them to the modeling of the real world .system utilizing its offered facilities

## Future scope 8

- ❖ To register and keep the information about all vehicles
- ❖ To build up a system that provides and generates the summary
- ❖ Report from the database records In order to get the whole view about the vehicles
- ❖ Summarize the accidental records and responds for the further improvements