

# **Naan Mudhalvan Project**

**Our project topics is Vehicle Management system using for salesforce**

**Done by our team friends**

- 1. Team leader : P.Srikanth**
- 2. Team member : S.Rajakumari**
- 3. Team member : S.Saranya**
- 4. Team member : A.Siva sakthi**

## **PROJECT REPORT TEMPLATE**

### **Vehicle Management using for salesforce**

#### **1. Introduction**

##### Overview

- (i) The “Vehicle Management System” has been developed to override the problems prevelling in the practical manual system.
- (ii) This software is supported to eliminate and in some cases reduce to eliminate and in some cases reduce the hardships faced by this existing system.
- (iii) Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.
- (iv) Every organization, whether big or small, has challenges to overcome and managing the informations of Driver, Vehicle, Maintanance, Vehicle Type, Fuel.

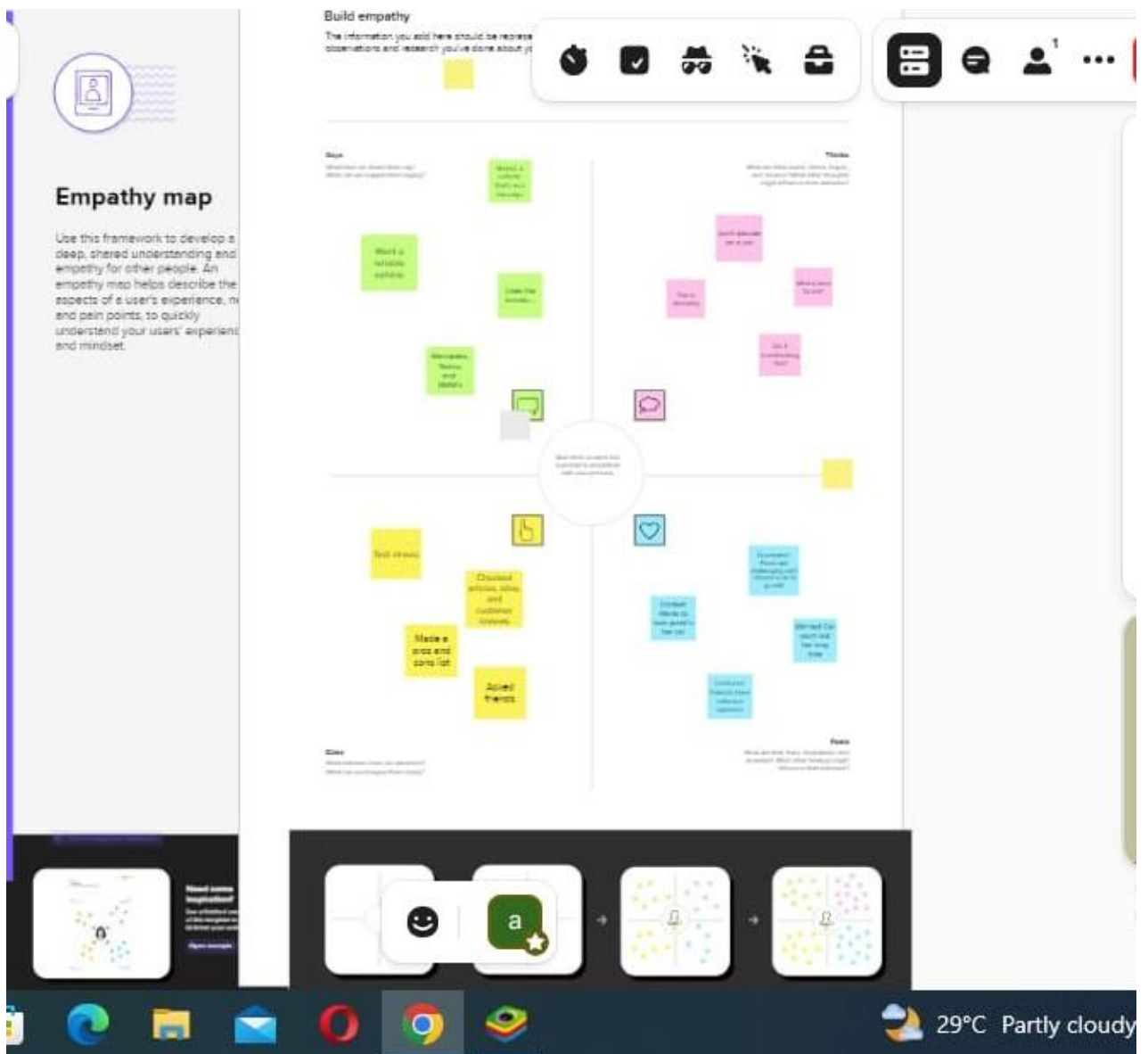
- (v) Every Vehicle Management System has different Vehicle needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements.
- (vi) This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals.
- (vii) Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times.
- (viii) These systems will ultimately allow you to better manage resources.

#### Purpose

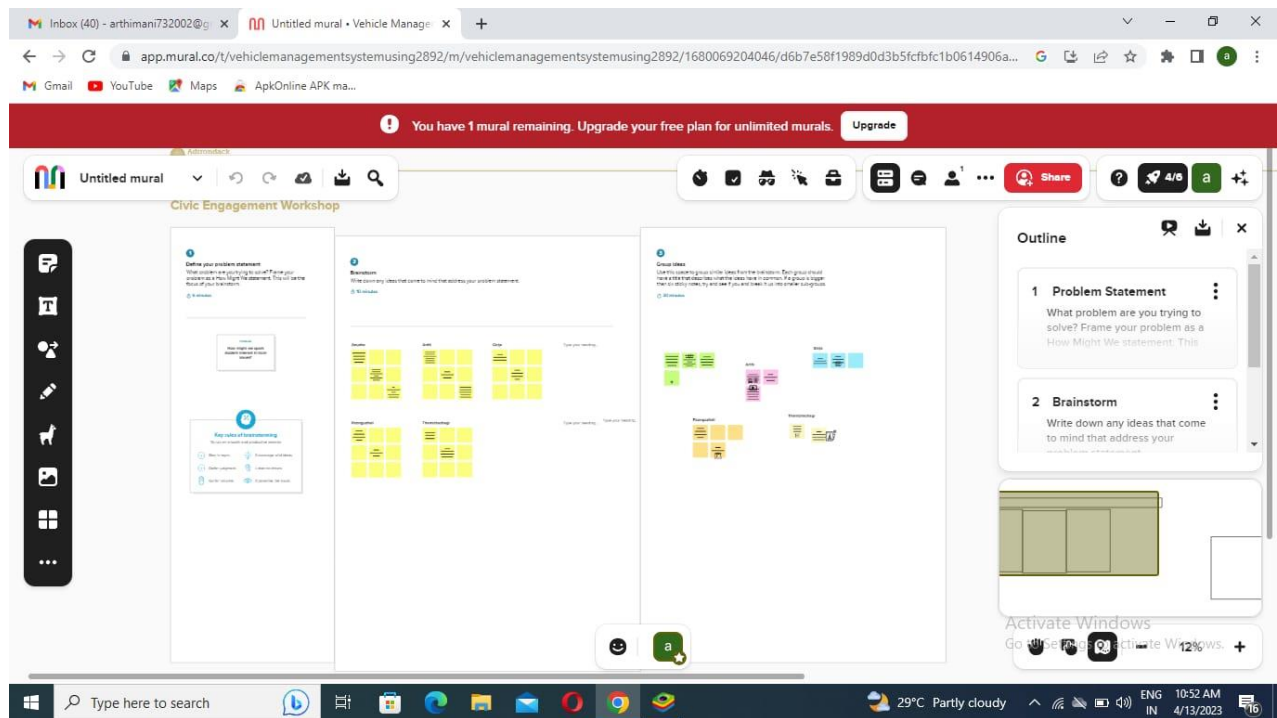
- (i) Provides the searching facilities based on various factors. Such as Vehicle, Insurance, Maintenance, Fuel.
- (ii) Vehicle Management System also manage the Vehicle Type details online for Maintenance details, Fuel details Vehicle.
- (iii) It tracks all the information of Driver, Vehicle Type Maintenance ect
- (iv) Manage the information of Driver
- (v) Shows the information and description of the Vehicle, Insurance
- (vi) To increase efficiency of managing the Vehicle, Driver
- (vii) It deals with monitoring the information and transactions of Maintenance
- (viii) Manage the information of vehicle.

## 2 Problem Definition & Design Thinking

### Empathy Map



### Ideation and Brainstorming Map



### 3 Result

#### Data Model

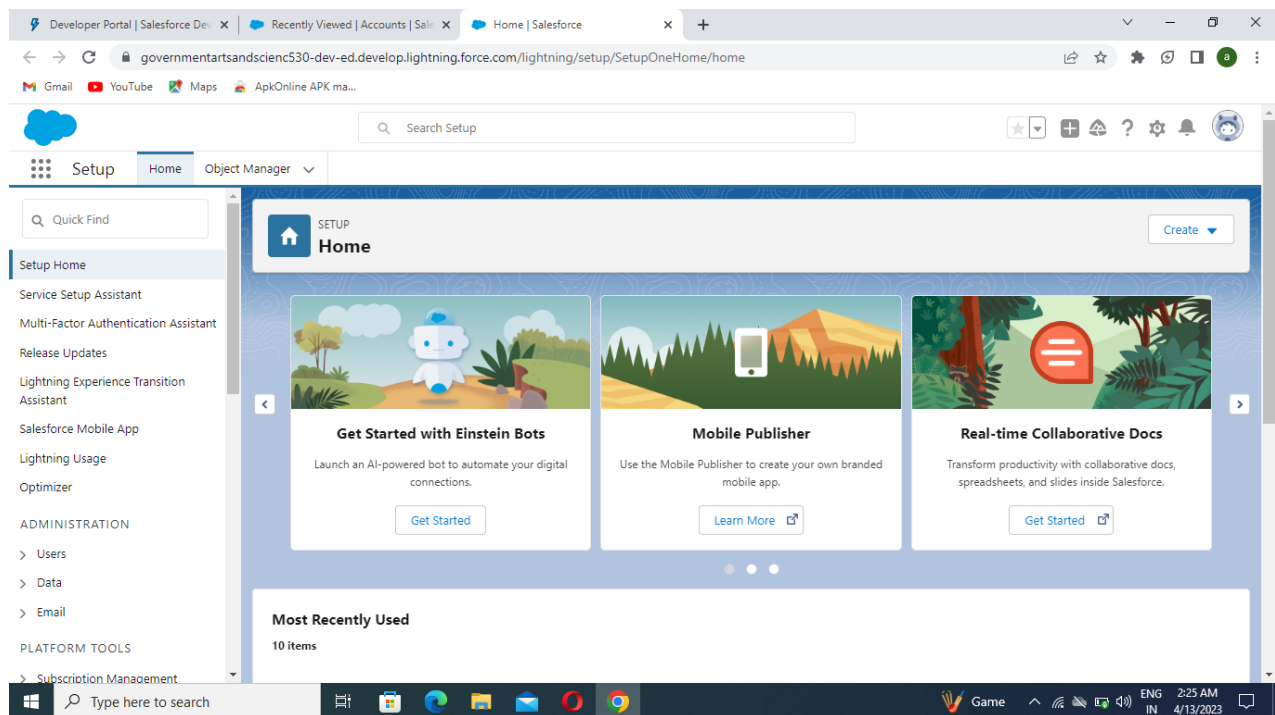
<u>Object Name</u>	<u>Fields in the object</u>	
Account	<b>Field label</b>	<b>Data type</b>
	Account Name	Text
	Phone No	Text
	Address	Text
	Date	Date/Time
<u>Contacts</u>	<b>Field label</b>	<b>Data type</b>
	Id	Number
	Phone	Phone
	Email	Email
<u>Opportunity</u>	<b>Field label</b>	<b>Data type</b>

	Bio	Text Area	
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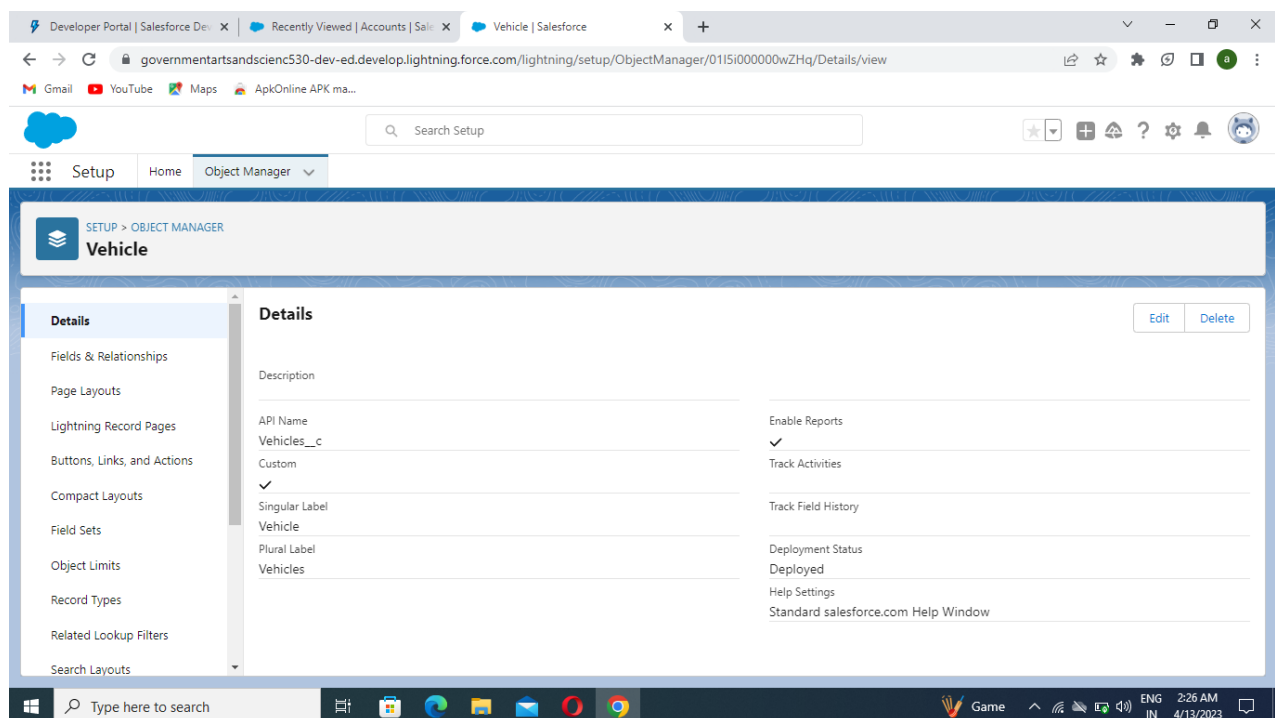
	e-mail	Email
<u>Vehicle</u>	<b>Field label</b>	<b>Data type</b>
	2 Wheelers	Text
	4 Wheelers	Text
	Chassic No	Text
	Body Type	Text
<u>Driver</u>	<b>Field label</b>	<b>Data type</b>
	Driver Name	Text

## Activity and Screenshot

### Milestone 1: Developer



## Milestone 2:- Object-1



### Activity 1:Fields

Creation of Vehicle in fields and relationships

Developer Portal | Salesforce Dev

Recently Viewed | Accounts | Sale

Vehicle | Salesforce

governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115i000000wZHq/FieldsAndRelationships/view

GmailYouTubeMapsApkOnline APK ma...

Setup

Home

Object Manager

Vehicle

Fields & Relationships

21 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2 WHEELERS	X2_Wheelers__c	Picklist		
4 WHEELERS	X4_WHEELERS__c	Picklist		
Body Type	Body_Type__c	Text(18)		
Chassic No	Chassic_No__c	Text(10)		
Colour	Colour__c	Text(24)		
Condition	Condition__c	Picklist		
Created By	CreatedByd	Lookup(User)		

Type here to search

Game2:26 AM4/13/2023



## Activity 2: Object -2

The screenshot shows the Salesforce Object Manager interface for the 'Driver' object. The left sidebar contains a navigation menu with options: 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 main content area is titled 'Details' and includes a description field, API Name (Drivers\_\_c), Custom (checked), Singular Label (Driver), Plural Label (Drivers), and a list of settings: Enable Reports (checked), Track Activities, Track Field History, Deployment Status (Deployed), and Help Settings (Standard salesforce.com Help Window). There are 'Edit' and 'Delete' buttons in the top right corner.

## Activity 2: Fields

### Creation of Driver in fields and relationships

The screenshot shows the 'Fields & Relationships' section of the Salesforce Object Manager for the 'Driver' object. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Fields & Relationships' and includes a 'Quick Find' search bar and buttons for 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'. Below this is a table listing the fields and their relationships.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Driver Name	Driver_Name__c	Text(6)		
Driver Name	Name	Text(80)		✓
Fair Per Hour	Fair_Per_Hour__c	Text(20)		
Last Modified By	LastModifiedById	Lookup(User)		
Licence No	Licence_No__c	Text(18)		
Mobile No	Mobile_No__c	Number(10, 0)		

## Milestone 3:- App Launcher

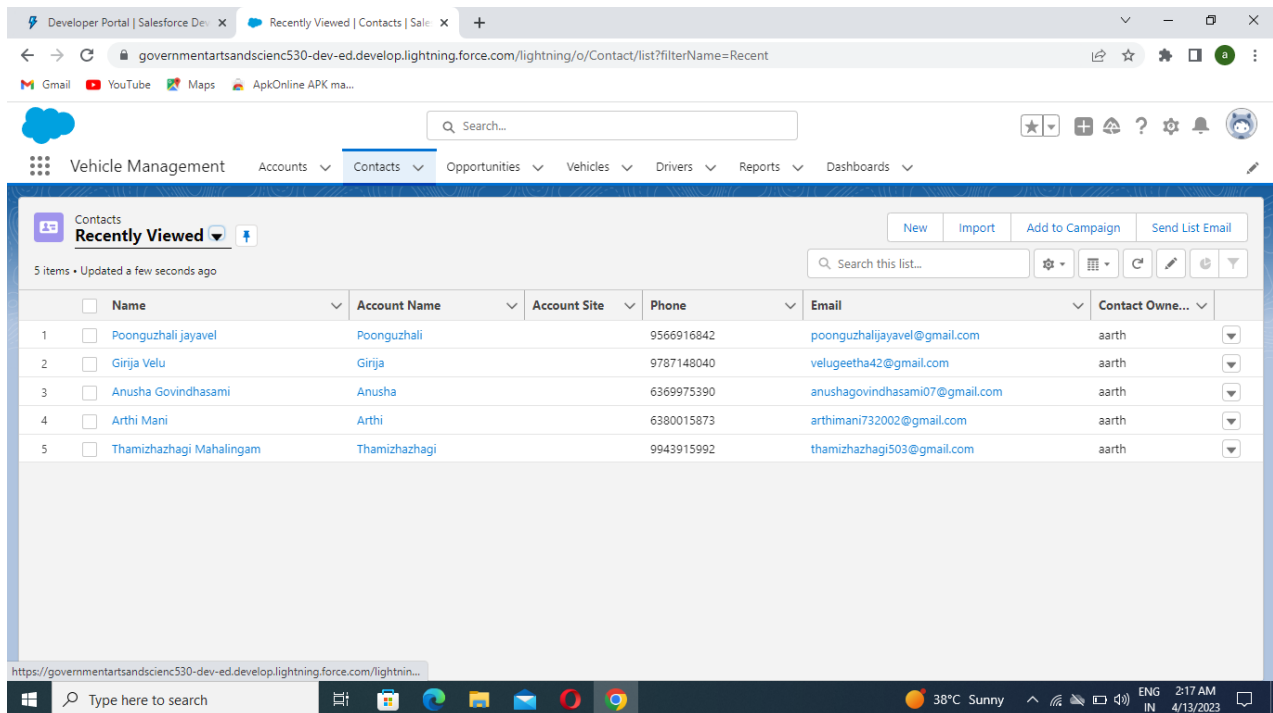
### Activity 1: Creation of accounts in Vehicle management

The screenshot displays a web browser window with the URL `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Account/list?filterName=Recent`. The page is titled 'Accounts' and 'Recently Viewed'. It shows a list of 5 items, updated a few seconds ago. The list contains the following data:

	Account Name	Account Site	Phone	Account Owner Alias
1	<a href="#">Thamizhazhagi</a>			aarth
2	<a href="#">Poonguzhali</a>			aarth
3	<a href="#">Girija</a>			aarth
4	<a href="#">Anusha</a>			aarth
5	<a href="#">Arthi</a>			aarth

The interface includes a search bar at the top, a navigation menu with 'Vehicle Management' and 'Accounts', and a bottom status bar showing the system clock as 2:17 AM on 4/13/2023.

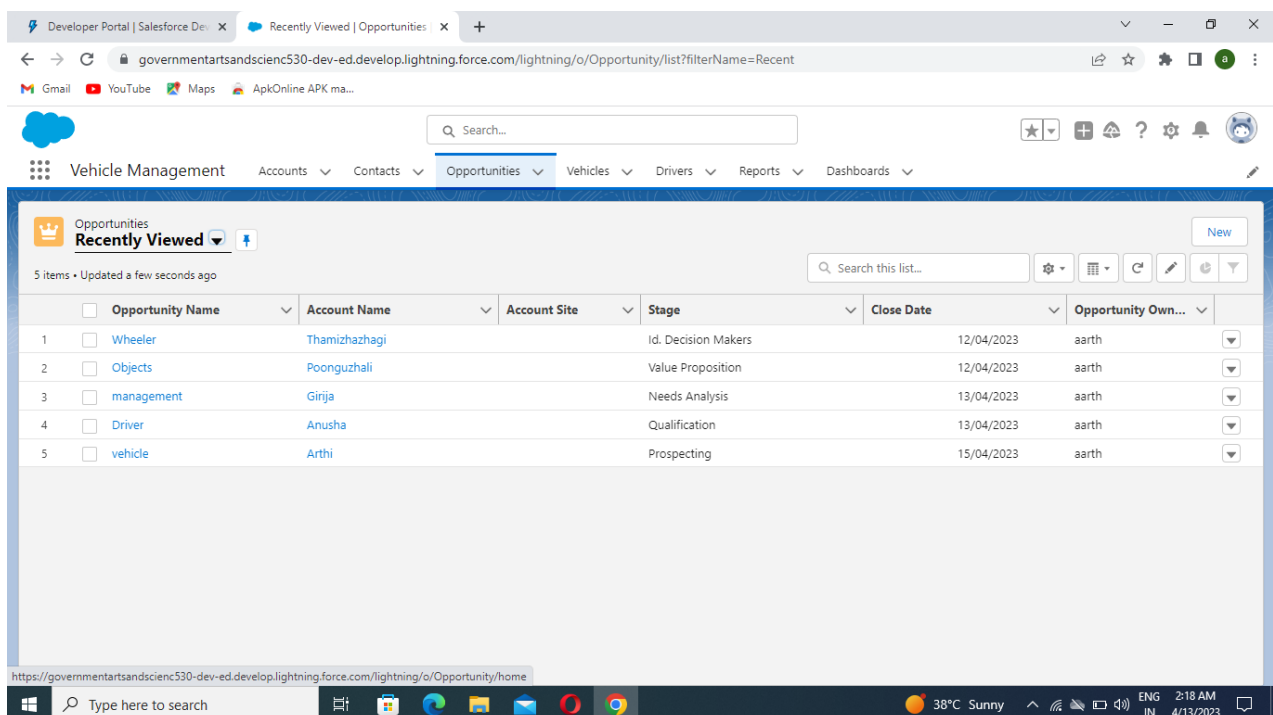
## Activity 2: Creation of Contacts



The screenshot shows the Salesforce 'Contacts' page in a web browser. The browser's address bar displays the URL: `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Contact/list?filterName=Recent`. The Salesforce navigation bar at the top includes 'Vehicle Management', 'Accounts', 'Contacts' (selected), 'Opportunities', 'Vehicles', 'Drivers', 'Reports', and 'Dashboards'. The 'Contacts' section is titled 'Recently Viewed' and shows a list of 5 items. The table below contains the following data:

	Name	Account Name	Account Site	Phone	Email	Contact Owner
1	Poonguzhali jayavel	Poonguzhali		9566916842	poonguzhalijayavel@gmail.com	aarth
2	Girija Velu	Girija		9787148040	velugeetha42@gmail.com	aarth
3	Anusha Govindhasami	Anusha		6369975390	anushagovindhasami07@gmail.com	aarth
4	Arthi Mani	Arthi		6380015873	arthimani732002@gmail.com	aarth
5	Thamizhazhagi Mahalingam	Thamizhazhagi		9943915992	thamizhazhagi503@gmail.com	aarth

## Activity 3: Creation of Opportunity



The screenshot shows the Salesforce 'Opportunities' page in a web browser. The browser's address bar displays the URL: `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Opportunity/list?filterName=Recent`. The Salesforce navigation bar at the top includes 'Vehicle Management', 'Accounts', 'Contacts', 'Opportunities' (selected), 'Vehicles', 'Drivers', 'Reports', and 'Dashboards'. The 'Opportunities' section is titled 'Recently Viewed' and shows a list of 5 items. The table below contains the following data:

	Opportunity Name	Account Name	Account Site	Stage	Close Date	Opportunity Owner
1	Wheeler	Thamizhazhagi		Id. Decision Makers	12/04/2023	aarth
2	Objects	Poonguzhali		Value Proposition	12/04/2023	aarth
3	management	Girija		Needs Analysis	13/04/2023	aarth
4	Driver	Anusha		Qualification	13/04/2023	aarth
5	vehicle	Arthi		Prospecting	15/04/2023	aarth

## Activity 4: Creation of Vehicles

The screenshot shows the Salesforce Developer Portal interface. The browser address bar displays the URL: `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Vehicles__c/list?filterName=Recent`. The page title is 'Vehicle Management'. The 'Vehicles' tab is selected in the navigation menu. The 'Recently Viewed' list shows 5 items, updated a few seconds ago. The list contains the following data:

	Driver Name
1	Thamizharasan
2	Selvam
3	Selvakumar
4	Iyyappan
5	Vinoth

The bottom of the screen shows the Windows taskbar with the search bar, taskbar icons, and system tray showing 38°C Sunny, 2:18 AM, and 4/13/2023.

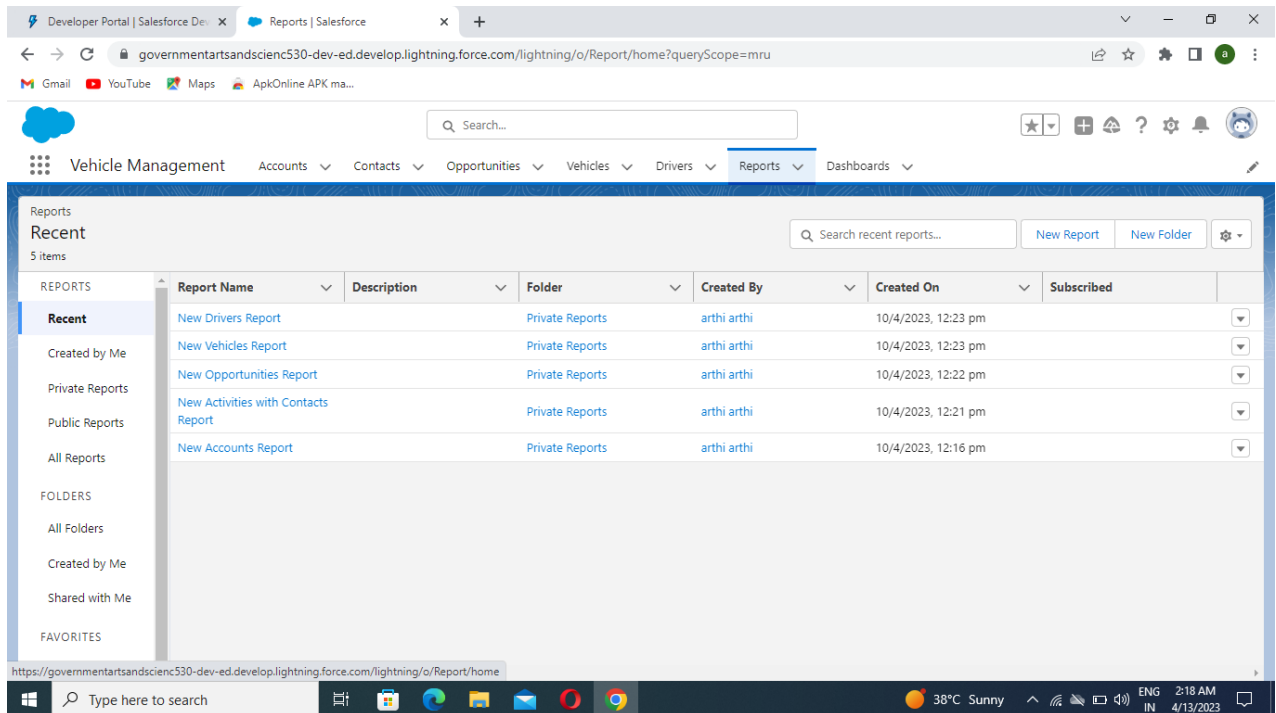
## Activity:5 Create the Driver

The screenshot shows the Salesforce Developer Portal interface. The browser address bar displays the URL: `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Drivers__c/list?filterName=Recent`. The page title is 'Vehicle Management'. The 'Drivers' tab is selected in the navigation menu. The 'Recently Viewed' list shows 5 items, updated a few seconds ago. The list contains the following data:

	Driver Name
1	Thamizharasan
2	Selvam
3	Selvakumar
4	Iyyappan
5	Vinoth

The bottom of the screen shows the Windows taskbar with the search bar, taskbar icons, and system tray showing 38°C Sunny, 2:18 AM, and 4/13/2023.

## Activity 5: Creation of Repots

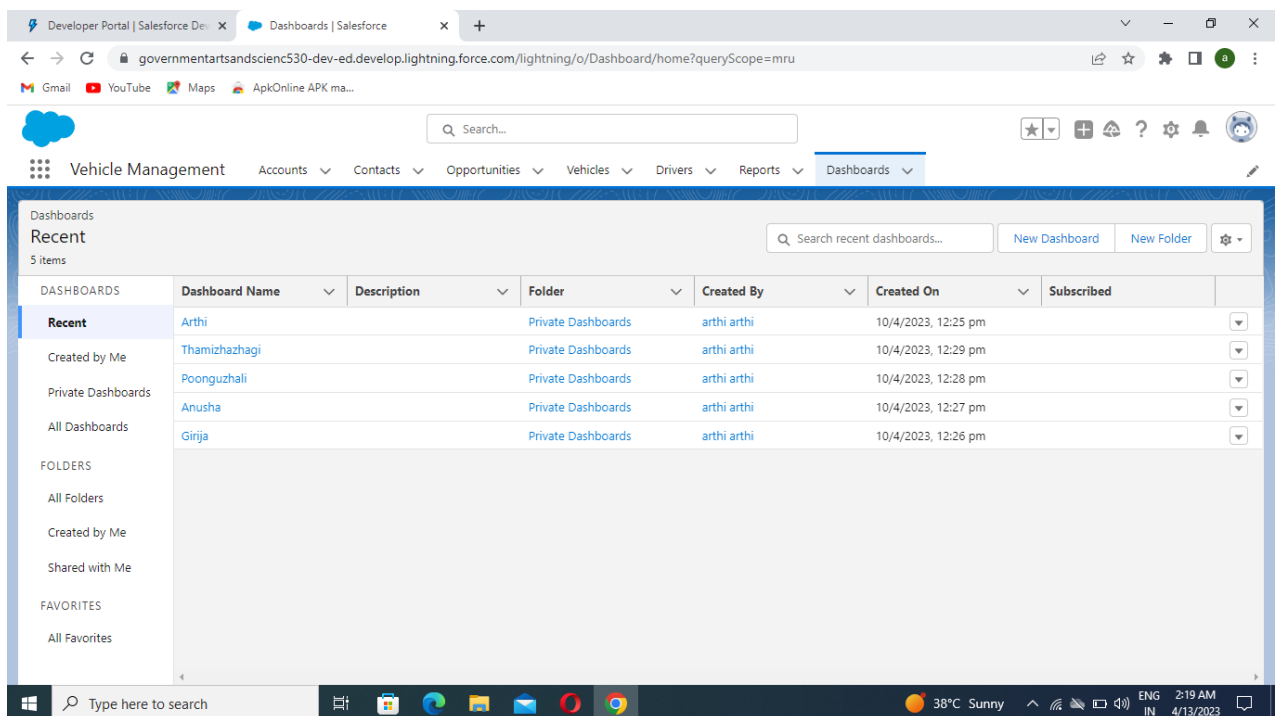


The screenshot shows the Salesforce Reports page in a web browser. The browser's address bar displays the URL: `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mr...`. The Salesforce navigation bar at the top includes the 'Vehicle Management' app and a menu with 'Accounts', 'Contacts', 'Opportunities', 'Vehicles', 'Drivers', 'Reports', and 'Dashboards'. The 'Reports' section is active, showing a 'Recent' list of 5 items. A search bar for recent reports is located at the top right of the list, along with 'New Report' and 'New Folder' buttons. A left-hand sidebar contains filters for 'REPORTS' (Recent, Created by Me, Private Reports, Public Reports, All Reports), 'FOLDERS' (All Folders, Created by Me, Shared with Me), and 'FAVORITES'. The main table lists the following reports:

Report Name	Description	Folder	Created By	Created On	Subscribed
New Drivers Report		Private Reports	arthi arthi	10/4/2023, 12:23 pm	
New Vehicles Report		Private Reports	arthi arthi	10/4/2023, 12:23 pm	
New Opportunities Report		Private Reports	arthi arthi	10/4/2023, 12:22 pm	
New Activities with Contacts Report		Private Reports	arthi arthi	10/4/2023, 12:21 pm	
New Accounts Report		Private Reports	arthi arthi	10/4/2023, 12:16 pm	

The Windows taskbar at the bottom shows the search bar, application icons, and system status including 38°C Sunny and the date 4/13/2023.

## Activity 6: Creation of Dashboard



The screenshot shows the Salesforce Dashboards page in a web browser. The browser's address bar displays the URL: `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mr...`. The Salesforce navigation bar at the top includes the 'Vehicle Management' app and a menu with 'Accounts', 'Contacts', 'Opportunities', 'Vehicles', 'Drivers', 'Reports', and 'Dashboards'. The 'Dashboards' section is active, showing a 'Recent' list of 5 items. A search bar for recent dashboards is located at the top right of the list, along with 'New Dashboard' and 'New Folder' buttons. A left-hand sidebar contains filters for 'DASHBOARDS' (Recent, Created by Me, Private Dashboards, All Dashboards), 'FOLDERS' (All Folders, Created by Me, Shared with Me), and 'FAVORITES' (All Favorites). The main table lists the following dashboards:

Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Arthi		Private Dashboards	arthi arthi	10/4/2023, 12:25 pm	
Thamizhazhagi		Private Dashboards	arthi arthi	10/4/2023, 12:29 pm	
Poonguzhali		Private Dashboards	arthi arthi	10/4/2023, 12:28 pm	
Anusha		Private Dashboards	arthi arthi	10/4/2023, 12:27 pm	
Girija		Private Dashboards	arthi arthi	10/4/2023, 12:26 pm	

The Windows taskbar at the bottom shows the search bar, application icons, and system status including 38°C Sunny and the date 4/13/2023.



## Milestone 5:- Profile

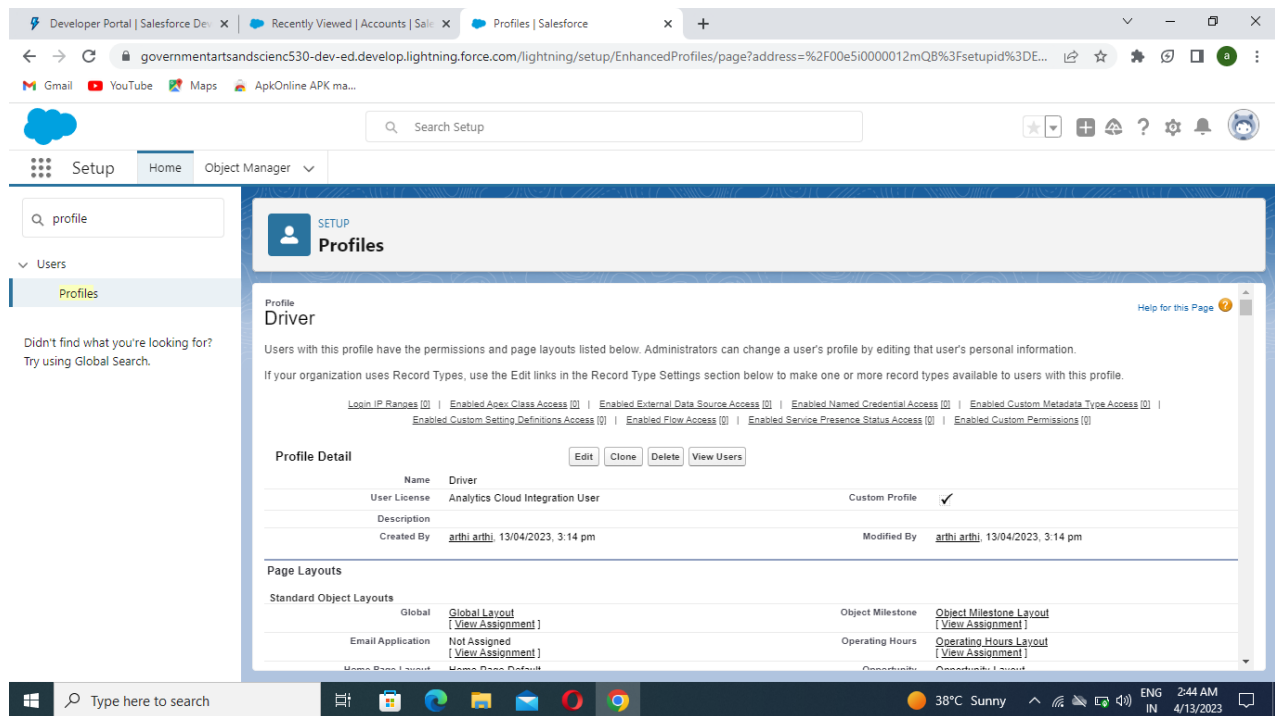
### Activity 1: Creation on user profile

The screenshot displays the Salesforce 'Profiles' setup page. The browser address bar shows the URL: `governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/home`. The page header includes the Salesforce logo and a search bar. The left sidebar contains a search bar with the text 'profile' and a list of sections: 'Users' and 'Profiles'. The main content area is titled 'Profiles' and includes a 'New Profile' button and a list of existing profiles. The table below shows the details of these profiles.

Action	Profile Name	User License	Custom
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Analytics Cloud Integration User</a>	Analytics Cloud Integration User	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Analytics Cloud Security User</a>	Analytics Cloud Integration User	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Authenticated Website</a>	Authenticated Website	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Authenticated Website</a>	Authenticated Website	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Chatter External User</a>	Chatter External	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Chatter Free User</a>	Chatter Free	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Chatter Moderator User</a>	Chatter Free	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Contract Manager</a>	Salesforce	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Cross Org Data Proxy User</a>	XOrg Proxy User	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Custom Marketing Profile</a>	Salesforce	<input checked="" type="checkbox"/>

At the bottom of the table, it indicates '1-25 of 40' profiles and '0 Selected'. The page footer shows the system status: 38°C Sunny, 2:31 AM, 4/13/2023.

## Activity 2: Creation on Driver profile

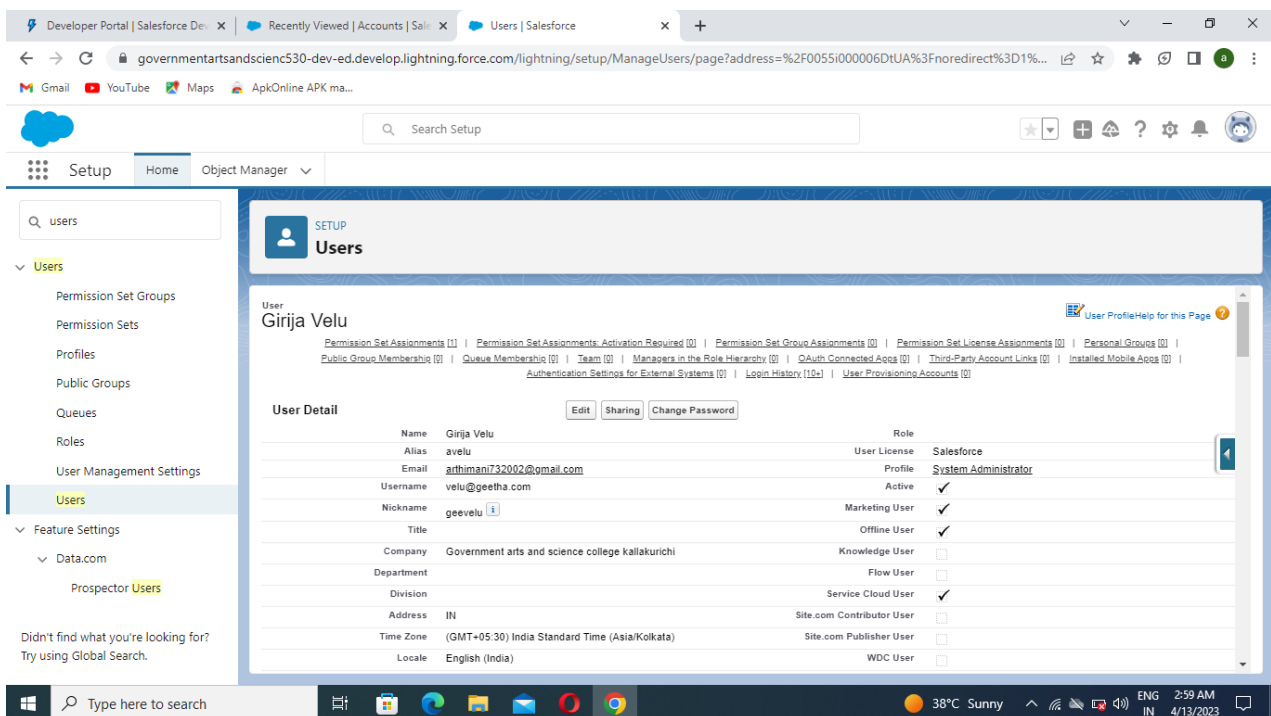


The screenshot shows the Salesforce Setup interface for the 'Profiles' section. The left sidebar contains a search bar with 'profile' and a list of navigation items: Users, Profiles, and a message 'Didn't find what you're looking for? Try using Global Search.' The main content area is titled 'Profiles' and shows the details for the 'Driver' profile. It includes a 'Profile Detail' section with fields for Name, User License, Description, Created By, and Modified By. Below this is a 'Page Layouts' section with a table of layouts.

Page Layouts			
Standard Object Layouts			
Global	Global Layout [View Assignment]	Object Milestone	Object Milestone Layout [View Assignment]
Email Application	Not Assigned [View Assignment]	Operating Hours	Operating Hours Layout [View Assignment]
Home Page Layout	Home Page Default	Connectivity	Connectivity Layout

## Milestone 6:- User

### Activity 1: Creating a User with username as SRIKANTH



The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar contains a search bar with 'users' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, and User Management Settings. The main content area is titled 'Users' and shows the details for the user 'Girija Velu'. It includes a 'User Detail' section with fields for Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. To the right of these fields is a 'Role' section with a table of roles.

Role	
User License	Salesforce
Profile	System Administrator
Active	<input checked="" type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>
Offline User	<input checked="" type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input checked="" type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>



## Activity 2: Creating a User with username as RAAJAKUMARI

The screenshot shows the Salesforce Setup interface for creating a user. The left sidebar contains navigation links: Setup, Home, Object Manager, and a search bar. The main content area displays the 'Users' setup page for a user named 'Anusha Govindhasami'. The user's details are as follows:

User Detail	
Name	Anusha Govindhasami
Alias	agovindh
Email	noreply@chatter.salesforce.com
Username	anushagovindhasami07@gmail.com
Nickname	Anusami
Title	
Company	New Company Name
Department	
Division	
Address	xx
Time Zone	(GMT-07:00) Pacific Daylight Time (America/Los_Angeles)
Locale	English (United States)
User License	Chatter Free
Profile	Chatter Free User
Active	<input checked="" type="checkbox"/>
Marketing User	<input type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>
Mobile Push Registrations	<a href="#">View</a>

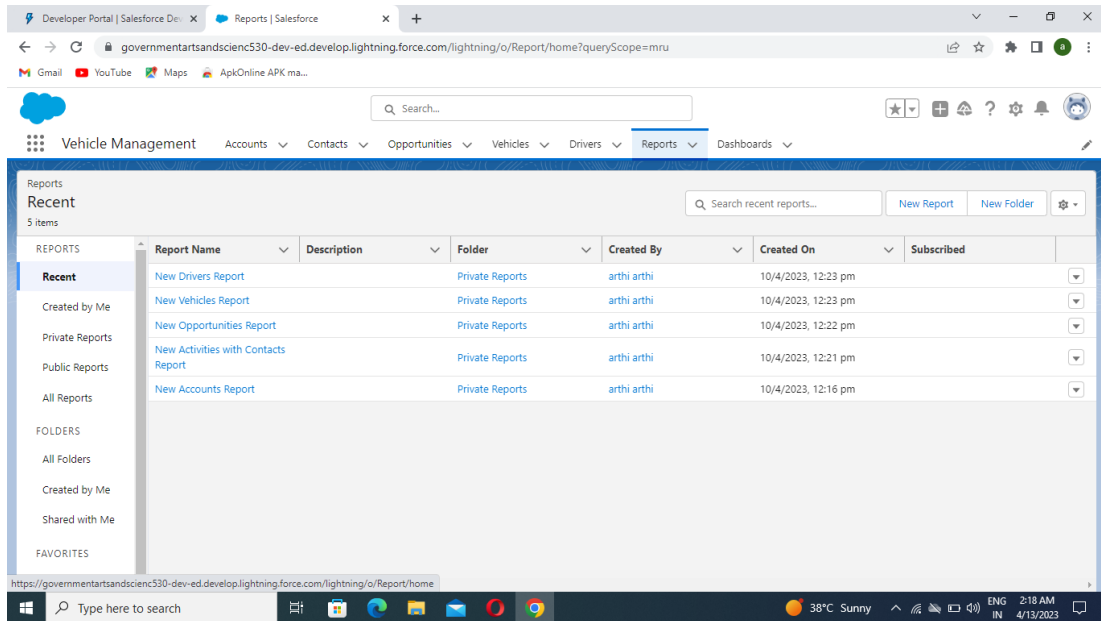
## Activity 3: Creating a User with username as SARANYA

The screenshot shows the Salesforce Setup interface for creating a user. The left sidebar contains navigation links: Setup, Home, Object Manager, and a search bar. The main content area displays the 'Users' setup page for a user named 'Arthi Mani'. The user's details are as follows:

User Detail	
Name	Arthi Mani
Alias	amani
Email	arthimani732002@gmail.com
Username	arthimani732002@gmail.com
Nickname	arthimani
Title	
Company	
Department	
Division	
Address	
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale	English (India)
Role	Salesforce
User License	Vehicle Manager
Profile	Vehicle Manager
Active	<input checked="" type="checkbox"/>
Marketing User	<input type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>

## Milestone 8:- Reports

### Creating a Report:



The screenshot displays the Salesforce Reports interface. The top navigation bar includes 'Vehicle Management', 'Accounts', 'Contacts', 'Opportunities', 'Vehicles', 'Drivers', 'Reports', and 'Dashboards'. The 'Reports' section is active, showing a list of recent reports. The left sidebar contains 'REPORTS' (Recent, Created by Me, Private Reports, Public Reports, All Reports), 'FOLDERS' (All Folders, Created by Me, Shared with Me), and 'FAVORITES'. The main table lists the following reports:

Report Name	Description	Folder	Created By	Created On	Subscribed
New Drivers Report		Private Reports	arathi arathi	10/4/2023, 12:23 pm	
New Vehicles Report		Private Reports	arathi arathi	10/4/2023, 12:23 pm	
New Opportunities Report		Private Reports	arathi arathi	10/4/2023, 12:22 pm	
New Activities with Contacts Report		Private Reports	arathi arathi	10/4/2023, 12:21 pm	
New Accounts Report		Private Reports	arathi arathi	10/4/2023, 12:16 pm	

### Activity 2: Creation on Dashboard

Developer Portal | Salesforce DeDashboards | Salesforce

governmentartsandscienc530-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mrugmailYouTubeMapsApkOnline APK ma...

Search...

Star

+

Refresh

?

Settings

Notifications

Profile

Vehicle Management

Accounts

Contacts

Opportunities

Vehicles

Drivers

Reports

Dashboards

Dashboards

Recent

5 items

Search recent dashboards...

New Dashboard

New Folder

Settings

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Arthi		Private Dashboards	arthi arthi	10/4/2023, 12:25 pm	
Created by Me	Thamizhazhagi		Private Dashboards	arthi arthi	10/4/2023, 12:29 pm	
Private Dashboards	Poonguzhali		Private Dashboards	arthi arthi	10/4/2023, 12:28 pm	
All Dashboards	Anusha		Private Dashboards	arthi arthi	10/4/2023, 12:27 pm	
	Girija		Private Dashboards	arthi arthi	10/4/2023, 12:26 pm	

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

Type here to search

Calendar

Files

Edge

Mail

Red

Chrome

38°C Sunny

2:19 AM

4/13/2023

#### **4 Trailhead Profile Public URL**

TEAM LEAD: SRIKANTH P

<https://trailblazer.me/id/srsri76>

TEAM MEMBER 1: RAJAKUMARI S

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

TEAM MEMBER 2: SARANYA S

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

TEAM MEMBER 3: SIVA SAKTHI A

<http://trailblazer.me/id/ssakthi73>

#### **5 Advantages and Disadvantages**

List of Advantages

- Key benefits to a vehicle management system
- The entire fleet on a single screen, in real time
- Vehicle status, readily available
- Driver and vehicle safety and reliability
- Improved fuel efficiency, minimized fuel fraud
- Improved lifespan for vehicles and equipment
- Better reporting on driver behavior, work hours and vehicle performance
- Reduced maintenance and labor costs
- Tax deduction and insurance benefits
- Improved capacity, more growth
- Driver satisfaction and retention
- Better customer service, happier customers

#### **6 Application**

- The Vehicle Management System with its friendly features makes the application

easier and highly usable on daily basis.

- This system comes with both mobile app and web portal versions to ease the need of the users.
- Agaram Infotech with the core focus of providing a precise solution develops the vehicle management system to suit every individual need of our clients.
- The main objective of this application is to make the user's task easier by enabling easy maintenance of the renewal insurance, revenue licenses and other elements involved.

## **7 Conclusion**

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manager to make reasonable estimates made with a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

## **8 Future scope**

➤ Vehicle Management is the process of planning various types of vehicles. Vehicles include wagons, bicycles, motor vehicles (motorcycles, cars, trucks, buses, mobility scooters for disabled people), railed vehicles (trains, trams), watercraft (ships, boats, underwater vehicles), amphibious vehicles (screw – propelled vehicles, hovercraft), aircraft (airplanes, helicopters, aerostats



