

# **Project Report**

## **Vehicle Management System using Salesforce**

### **1 INTRODUCTION**

Fleet management is the system which uses application or technology to track and manage different kinds of vehicles such as cars, cargo logistic assignment, luxury buses, ambulance assignment, ships etc.

The fleet management system also keeps records of vehicles such as purchase, rental or lease information, driver records, fuel information, GPS records and so on. The system uses fleet management software which keeps all the reports and sends email as per stored email database.

There are two main types of GPS tracking viz. active and passive. Active GPS tracking uses wireless network to transmit real time location and other information of fleet. Passive GPS tracking uses tracking device which stores the tracking data. This data can be downloaded and viewed when vehicle returns from the trip.

#### **1.1 Overview**

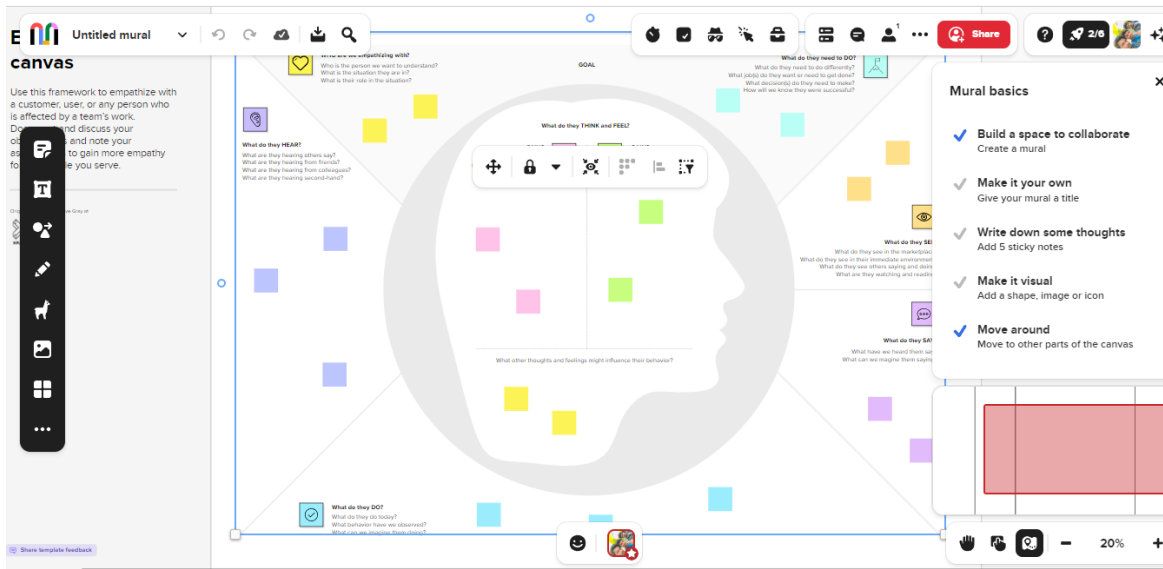
Vehicle Management is an application where a customer Details are stored in order to choose cars, bikes and commercial vehicles for travel within the city. The data which is stored here is further used to remind them if any offers are provided during the seasons and any updates regarding vehicles are sent to them in the form of messages and mails.

#### **1.2 Purpose**

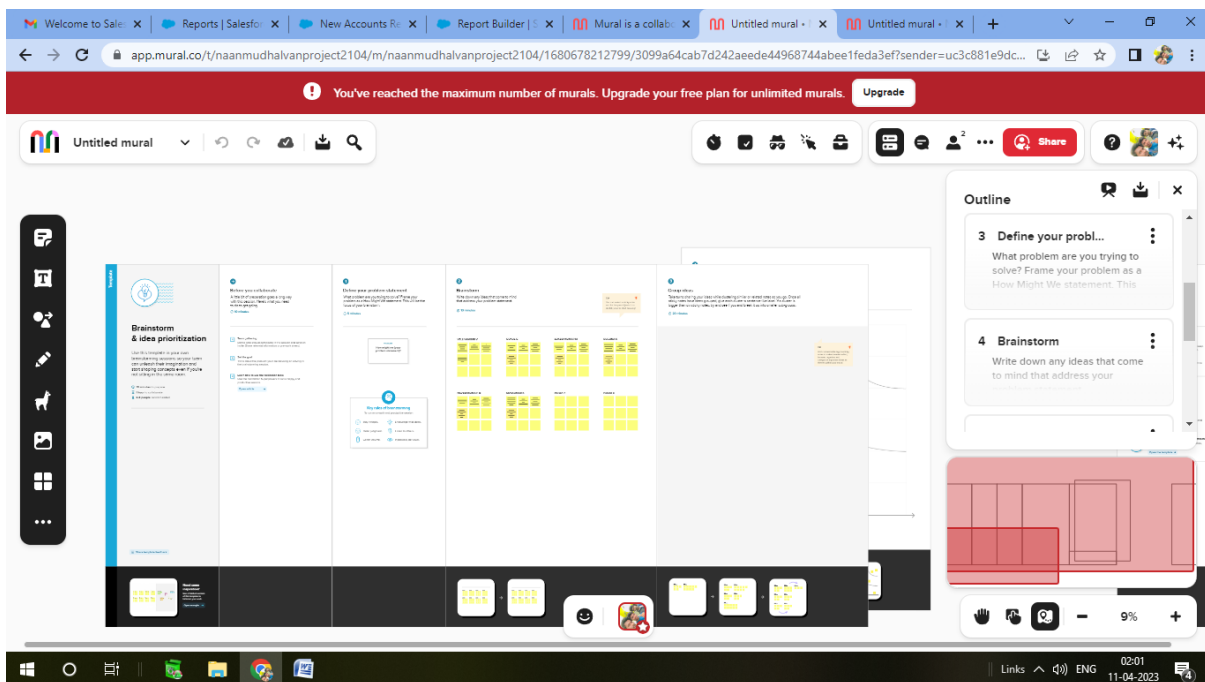
- i) Create and manage vehicle records to optimize the usage of your trucks and trailers that carry inventories to stores.
- ii) To track the vehicles that carry goods out of a warehouse, assign them to that warehouse.

## 2 Problem Definition & Design Thinking

### 2.1 EmpathyMap



### 2.2 Ideation & Brainstorming Map



### 3 RESULT

#### 3.1 Data Model:

Object name	Fields in the Object

<b>Object – 1</b> <b>Vehicle</b>		
	<b>Field label</b>	<b>Data type</b>
	<b>Customer Name</b>	<b>Text</b>
	<b>Customer Mobile No</b>	<b>Number</b>
	<b>Vehicle Type</b> i) 2-wheeler ii) 4-wheeler	<b>Picklist</b>
	<b>2WHEELERS</b> i) HERO ii) HONDA iii) BAJAJ iv) ROYAL ENFIELD v) TVS vi) KINETIC vii) OLA viii) JAWA ix) SD x) BATTERY	<b>Picklist</b>
	<b>4 WHEELERS</b> i) RENAULT ii) SKODA iii) HONDA iv) HYUNDAI v) SUZUKI vi) MAHINDRA vii) OLKSWAGEN viii) BENZ ix) AUDI x) VOLVO	<b>Picklist</b>
	<b>Vehicle Name</b>	<b>Text</b>
	<b>Vehicle No</b>	<b>Text</b>
	<b>Chassic No</b>	<b>Text</b>
	<b>Colour</b>	<b>Text</b>

	<b>Body Type</b>	<b>Text</b>													
	<b>Vehicle Includes</b> <b>i) Fire Extenuation</b> <b>ii)First Aid Kit</b> <b>iii)Multi Charger kit</b> <b>iv)Stepney</b> <b>v)Stereo</b> <b>vi)Tool Kit</b> <b>vii)Tracking Device</b> <b>viii)Tyre Jack</b>	<b>Multi Picklist</b>													
	<b>Condition</b> <b>i) Good</b> <b>ii)Medium</b> <b>ii) Least</b>	<b>Picklist</b>													
	<b>Mileage</b>	<b>Text</b>													
	<b>Seats</b>	<b>Number</b>													
	<b>Start Date</b>	<b>Date/Time</b>													
	<b>End Date</b>	<b>Date/Time</b>													
	<b>Opportunity</b>	<b>Lookup(opportunities)</b>													
	<b>Object - 2</b>  <b>Driver</b>	<table><tr><td><b>Field label</b></td><td><b>Data type</b></td></tr><tr><td><b>Driver Name</b></td><td><b>Text</b></td></tr><tr><td><b>Licence No</b></td><td><b>Text</b></td></tr><tr><td><b>Mobile No</b></td><td><b>Number</b></td></tr><tr><td><b>Fair Per Hour</b></td><td><b>Text</b></td></tr><tr><td><b>Vehicle</b></td><td><b>Lookup(Vehicle)</b></td></tr></table>	<b>Field label</b>	<b>Data type</b>	<b>Driver Name</b>	<b>Text</b>	<b>Licence No</b>	<b>Text</b>	<b>Mobile No</b>	<b>Number</b>	<b>Fair Per Hour</b>	<b>Text</b>	<b>Vehicle</b>	<b>Lookup(Vehicle)</b>	
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<b>Fair Per Hour</b>		<b>Text</b>													
<b>Vehicle</b>	<b>Lookup(Vehicle)</b>														

## 3.2 Activity & Screenshot

### Milestone 1: Creation Salesforce Org:

#### Activity 1:

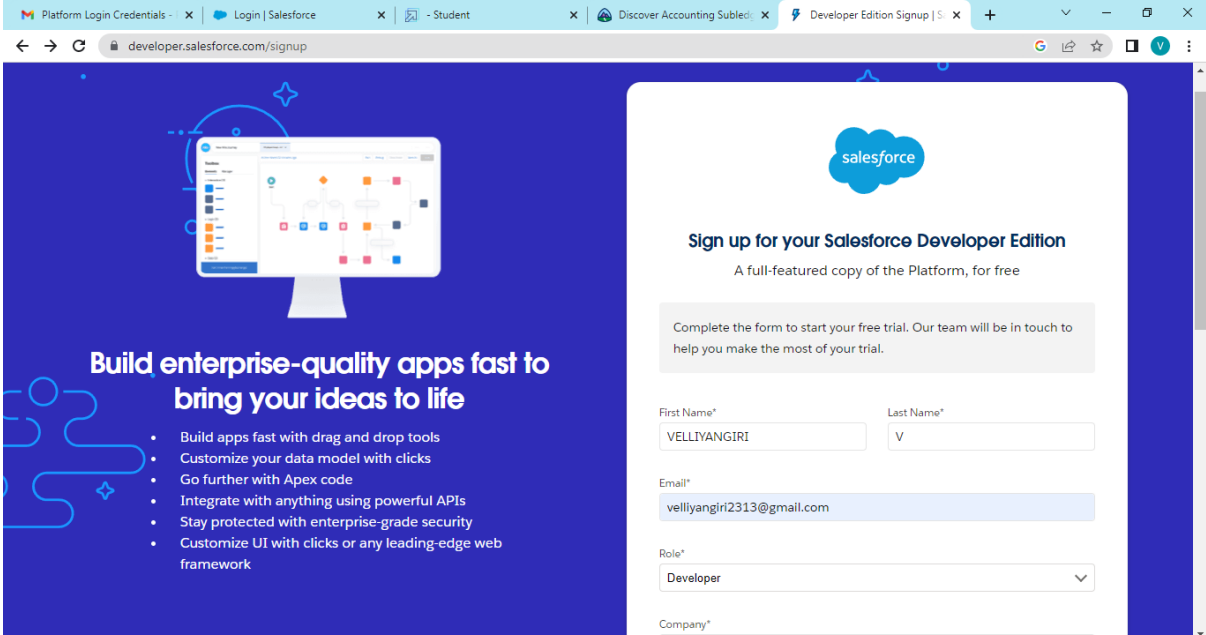
#### Creating Developer Account

Creating a developer org in salesforce.

1. Go to [developers.salesforce.com/](https://developers.salesforce.com/)
2. Click on sign up.
3. On the sign up form, enter the following details :
  - a. First name & Last name
  - a. Email
  - b. Role : Developer
  - c. Company : College Name
  - d. County : India
  - e. Postal Code : pin code
  - f. Username : should be a combination of your name and company

This need not be an actual email id, you can give anything in the format :

[username@organization.com](mailto:username@organization.com)



The screenshot shows the Salesforce Developer Edition sign-up page. The browser address bar displays `developer.salesforce.com/signup`. The page features a blue background with a white sign-up form on the right. The form includes the following fields and options:

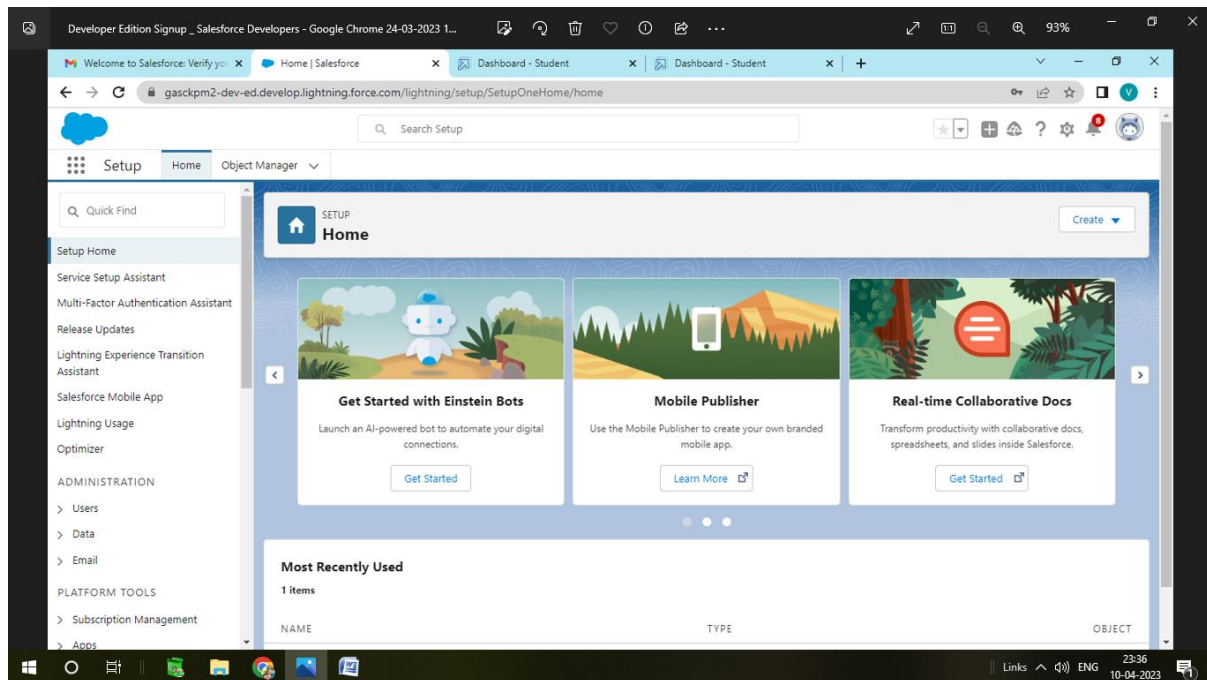
- First Name\***: VELLIYANGIRI
- Last Name\***: V
- Email\***: velliyangiri2313@gmail.com
- Role\***: Developer (selected from a dropdown menu)
- Company\***: (empty field)

On the left side of the page, there is a section titled "Build enterprise-quality apps fast to bring your ideas to life" with a list of bullet points:

- Build apps fast with drag and drop tools
- Customize your data model with clicks
- Go further with Apex code
- Integrate with anything using powerful APIs
- Stay protected with enterprise-grade security
- Customize UI with clicks or any leading-edge web framework

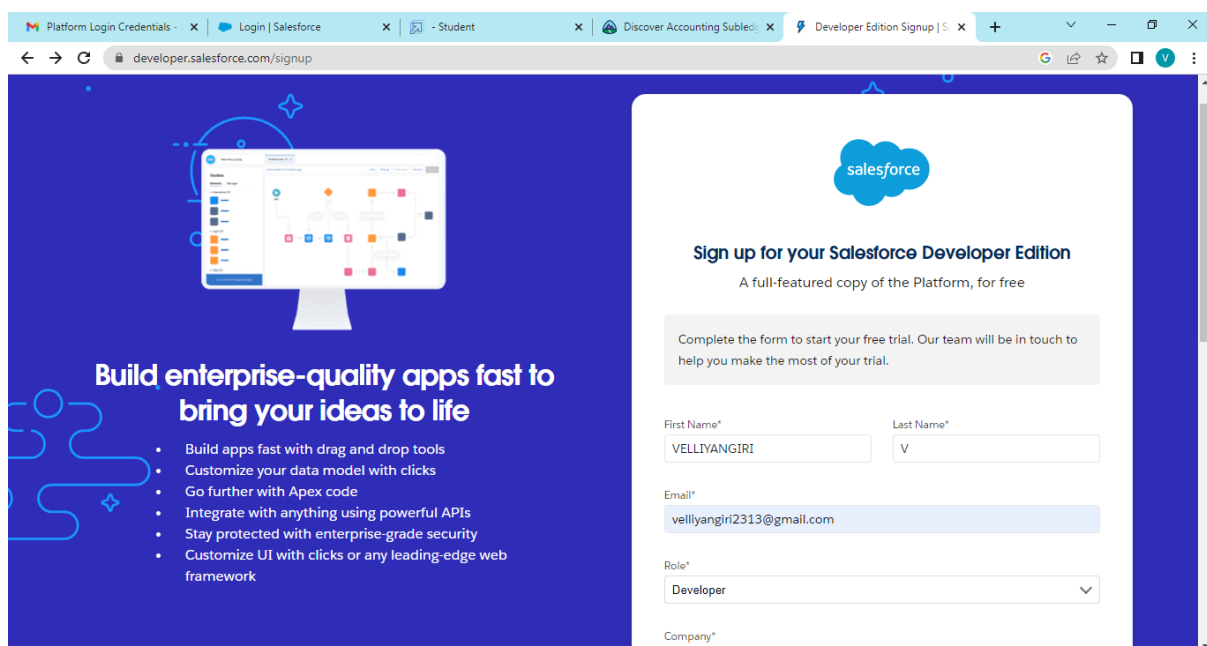
### ACCOUNT ACTIVATION

**Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5- 10 mins, as**



## **Login To Your Salesforce Account**

- 1. Go to salesforce.com and click on login**
- 2. Enter the username and password that you just created.**
- 3. After login this is the home page which you will see**



## **Milestone-2:Object**

**Sales force objects are database tables that permit you to store data that is specific to an organization. Sales force objects are of two types: Standard Objects: Standard objects are the kind of objects that are provided by salesforce.com such as users, contracts, reports, dashboards, etc.**

**Standard Objects: Account, Contact, Opportunity.**  
**Custom objects: Vehicles, Drivers.**

### **Activity 1:**

#### **To Create an object:**

Creation of Objects for Vehicle Management, For this Vehicle Management we need to create 2 objects i.e Vehicles, Driver.

The below steps will assist you in creating those objects.

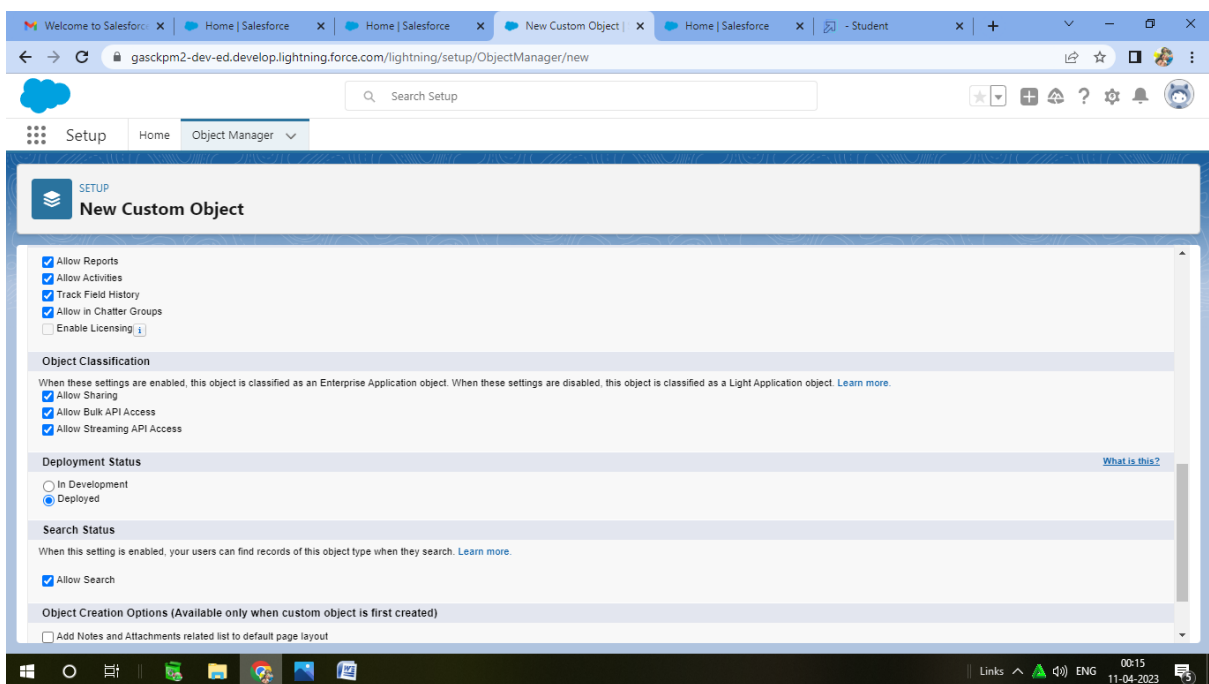
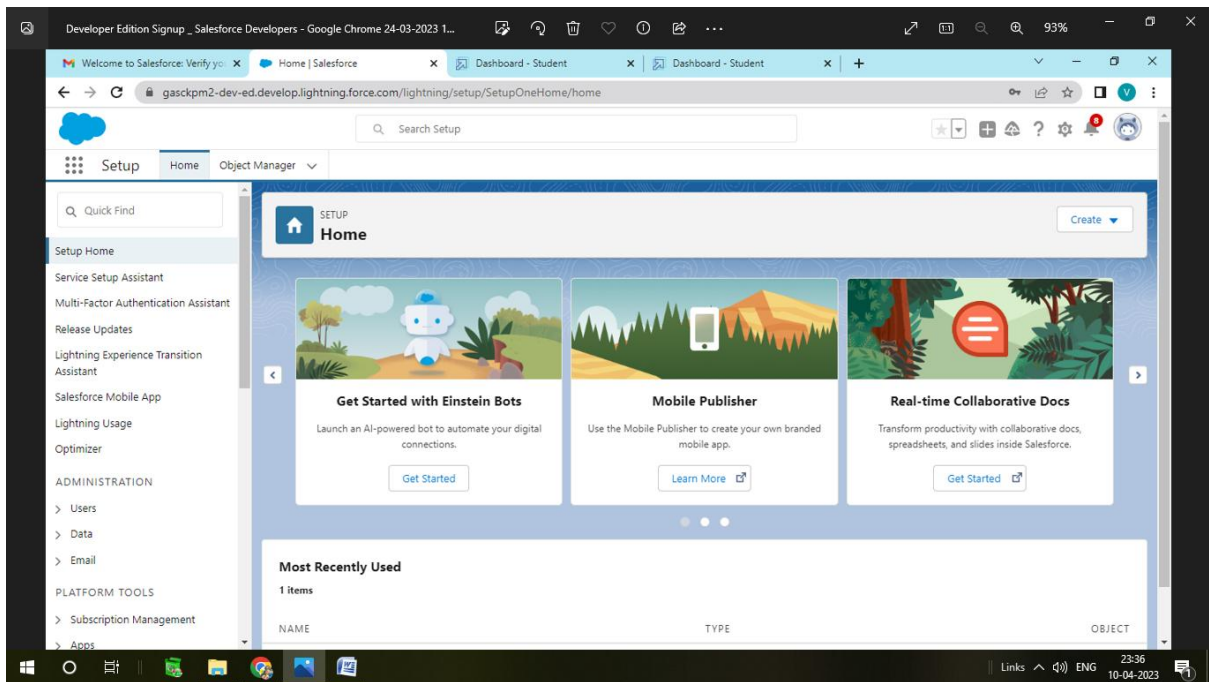
- Click on the gear icon and then select Setup.
- Click on the object manager tab just beside the home tab.
- After the above steps, have a look on the extreme right you will find a Create Dropdown click on that and select Custom Object.

#### **Creation of Vehicle Object**

On the Custom Object Definition page, create the object as follows:

- Label: Vehicle
- Plural Label: Vehicles
- Record Name: Vehicle Name
- Check the Allow Reports checkbox
- Check the Allow Search checkbox
- Click Save.
- Now create a custom tab. Click the Home tab, enter Tabs in Quick Find and select Tabs.
- Under Custom Object Tabs, click New.
- For Object, select Vehicle.
- For Tab Style, select any icon.
- Leave all defaults as is. Click Next, Next, and Save.





## Activity 2:

On the Custom Object Definition page, create the object as follows:

- Label: Driver
- Plural Label: Drivers
- Record Name: Vehicle Name
- Check the Allow Reports checkbox
- Check the Allow Search checkbox

- Click Save.
- Now create a custom tab. Click the Home tab, enter Tabs in Quick Find and select Tabs.
- Under Custom Object Tabs, click New.
- For Object, select Vehicle.
- For Tab Style, select any icon.
- Leave all defaults as is. Click Next, Next, and Save.

## **Milestone -3:Fields and Relationship**

### **Activity-1:**

#### **Creation of fields:**

**Fields in Vehicles objects follow below data types:**

#### **3.1 Data Model:**

Object name	Fields in the Object
-------------	----------------------

<b>Object – 1</b> <b>Vehicle</b>		
	<b>Field label</b>	<b>Data type</b>
	<b>Customer Name</b>	<b>Text</b>
	<b>Customer Mobile No</b>	<b>Number</b>
	<b>Vehicle Type</b> iii) 2-wheeler iv) 4-wheeler	<b>Picklist</b>
	<b>2WHEELERS</b> xi) HERO xii) HONDA xiii) BAJAJ xiv) ROYAL ENFIELD xv) TVS xvi) KINETIC xvii) OLA xviii) JAWA xix) SD xx) BATTERY	<b>Picklist</b>
	<b>4 WHEELERS</b> xi) RENAULT xii) SKODA xiii) HONDA xiv) HYUNDAI xv) SUZUKI xvi) MAHINDRA xvii) OLKSWAGEN xviii) BENZ xix) AUDI xx) VOLVO	<b>Picklist</b>
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	<b>Chassic No</b>	<b>Text</b>
	<b>Colour</b>	<b>Text</b>

	<b>Body Type</b>	<b>Text</b>													
	<b>Vehicle Includes</b> <b>i) Fire Extenuation</b> <b>ii)First Aid Kit</b> <b>iii)Multi Charger kit</b> <b>iv)Stepney</b> <b>v)Stereo</b> <b>vi)Tool Kit</b> <b>vii)Tracking Device</b> <b>viii)Tyre Jack</b>	<b>Multi Picklist</b>													
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		<b>Field label</b>	<b>Data type</b>												
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<b>Mobile No</b>		<b>Number</b>													
<b>Fair Per Hour</b>		<b>Text</b>													
<b>Vehicle</b>	<b>Lookup(Vehicle)</b>														

### Activity-2:

Fields in Driver objects follow below data types:

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)

The screenshot shows the Salesforce Setup interface for the 'vehicle' object. The 'Fields & Relationships' section is active, displaying a list of 21 fields. The fields are sorted by Field Label. The table below represents the data shown in the screenshot:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2WHEELERS	X2WHEELERS__c	Picklist	Vehicle type	
4WHEELERS	X4WHEELERS__c	Picklist	Vehicle type	
Body Type	Body_Type__c	Text(20)		
Chassi No	Chassi_No__c	Text(20)		
Codition	Codition__c	Picklist		
Colour	Colour__c	Text(10)		
Created By	CreatedById	Lookup(User)		

### Activity-3:

#### Fields In Driver Object:

Create a dependency between these two picklists, so that when a Vehicle type is selected, only respective 2Wheeler Brands are available in the 2Wheeler field, Similarly for 4 wheelers.

The below steps will assist you in creating Field Dependencies.

- Click on the gear icon and then select Setup.
- Click on the object manager tab just beside the home tab.
- After the above steps, Select Vehicles Object
- Now Select Fields and relationships from setup menu of the vehicle object.

- Click Field Dependencies.
- Click New.
- Select Vehicle Type as the Controlling Field and select 2wheelers as the Dependent Field.
- Click Continue.
- Select the appropriate 2 wheelers Brands in each column by double-clicking them.
- 2WHEELERS :i) HERO  
ii)HONDA  
iii)BAJAJ  
iv)ROYAL ENFIELD  
v)TVS  
vi)KINETIC  
vii)OLA  
viii)JAWA  
ix)SD  
x)BATTERY

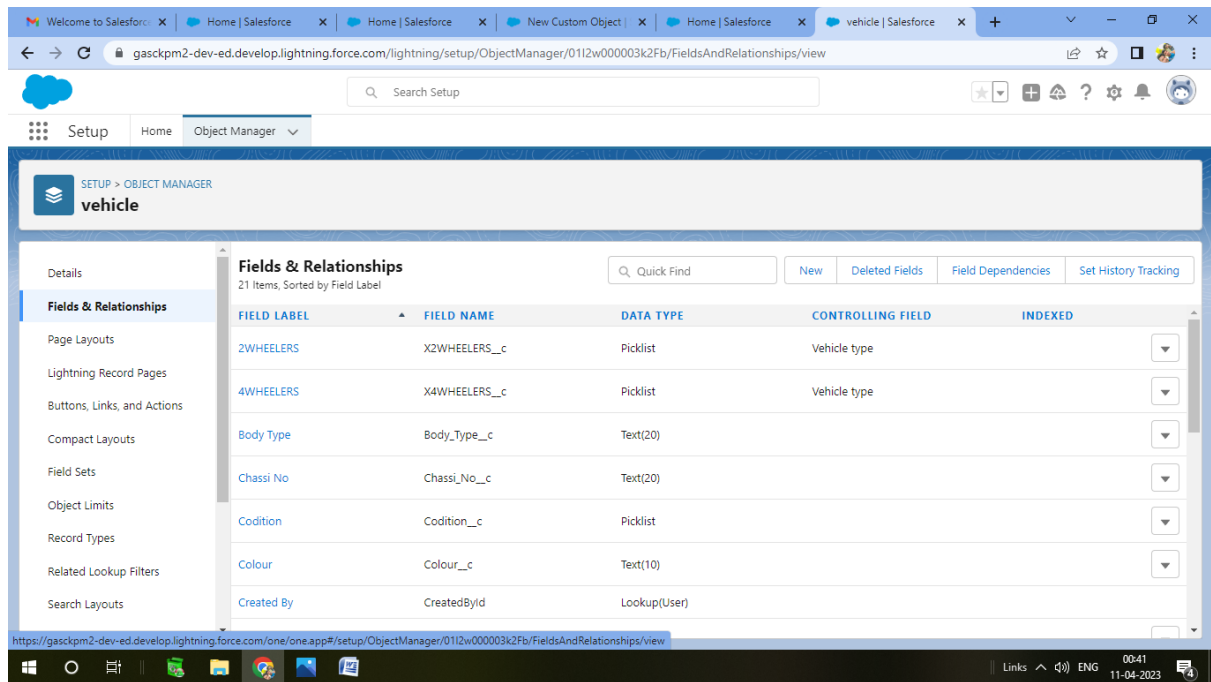
- Click Include Values.
- Click Preview, then test the dependency by selecting different Vehicle Type and viewing the different Vehicles available for Vehicle Type.
- Click Close to close the preview window.
- Click Save.

Follow same steps for 4wheelers also

- Vehicle Type as the Controlling Field and select 4wheelers as the Dependent Field.
- Click Continue.
- Select the appropriate 4wheelers Brands in each column by double-clicking them.
- 4WHEELERS : i) RENAULT  
ii)SKODA  
iii) HONDA  
iv)HYUNDAI  
v)SUZUKI  
vi)MAHINDRA  
vii)VOLKSWAGEN  
viii)BENZ  
ix)AUDI  
x)VOLVO

- Click Include Values.
- Click Preview, then test the dependency by selecting different Vehicle Type and viewing the different Vehicles available for Vehicle Type.
- Click Close to close the preview window.
- Click Save.

Now click on “Fields & Relationships” → New



## Milestone-4:Lightning App

### Activity-1:

#### Create the Vehicle Management Construction app

Apps in Salesforce are a group of tabs that help the application function by working together as a unit. It has a name, a logo, and a particular set of tabs. The simplest app usually has just two tabs.

### Activity-1:

#### Create the Vehicle Management Construction app

- From Setup, enter App Manager in the Quick Find and select App Manager.
- Click New Lightning App. Enter Vehicle Management as the App Name, then click Next
- Under App Options, leave the default selections and click Next.
- Under Utility Items, leave as is and click Next.
- From Available Items, select Accounts,Contacts,Opportunities,Vehicle, Driver,Reports, and Dashboards and move them to Selected Items. Click Next.
- From Available Profiles, select System Administrator and move it to Selected Profiles. Click Save & Finish.
- To verify your changes, click the App Launcher, type Vehicle Management and select the Vehicle Management app.

Note:

1. App Launcher-Displays available apps.
2. App Name-Displays the current selected app.
3. Navigation menu-Displays the tabs available inside the app.

Apps in Salesforce are a group of tabs that help the application function by working together as a unit. It has a name, a logo, and a particular set of tabs. The simplest app usually has just two tabs.

### Activity-1:

## Create the Vehicle Management Construction app

- From Setup, enter App Manager in the Quick Find and select App Manager.
- Click New Lightning App. Enter Vehicle Management as the App Name, then click Next
- Under App Options, leave the default selections and click Next.
- Under Utility Items, leave as is and click Next.
- From Available Items, select Accounts, Contacts, Opportunities, Vehicle, Driver, Reports, and Dashboards and move them to Selected Items. Click Next.
- From Available Profiles, select System Administrator and move it to Selected Profiles. Click Save & Finish.
- To verify your changes, click the App Launcher, type Vehicle Management and select the Vehicle Management app.

Note:

1. App Launcher-Displays available apps.
2. App Name-Displays the current selected app.
3. Navigation menu-Displays the tabs available inside the app.

gaskcpm2-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

Setup Home Object Manager

Search Setup

Lightning Experience App Manager

New Lightning App New Connected App

Clone Apps(Beta)

Quickly create new Lightning apps by cloning existing apps. To use the beta feature, indicate that you've read all legal requirements and agree to participate by toggling Enable App Cloning. See additional details and terms in the [Winter '23 release notes](#)

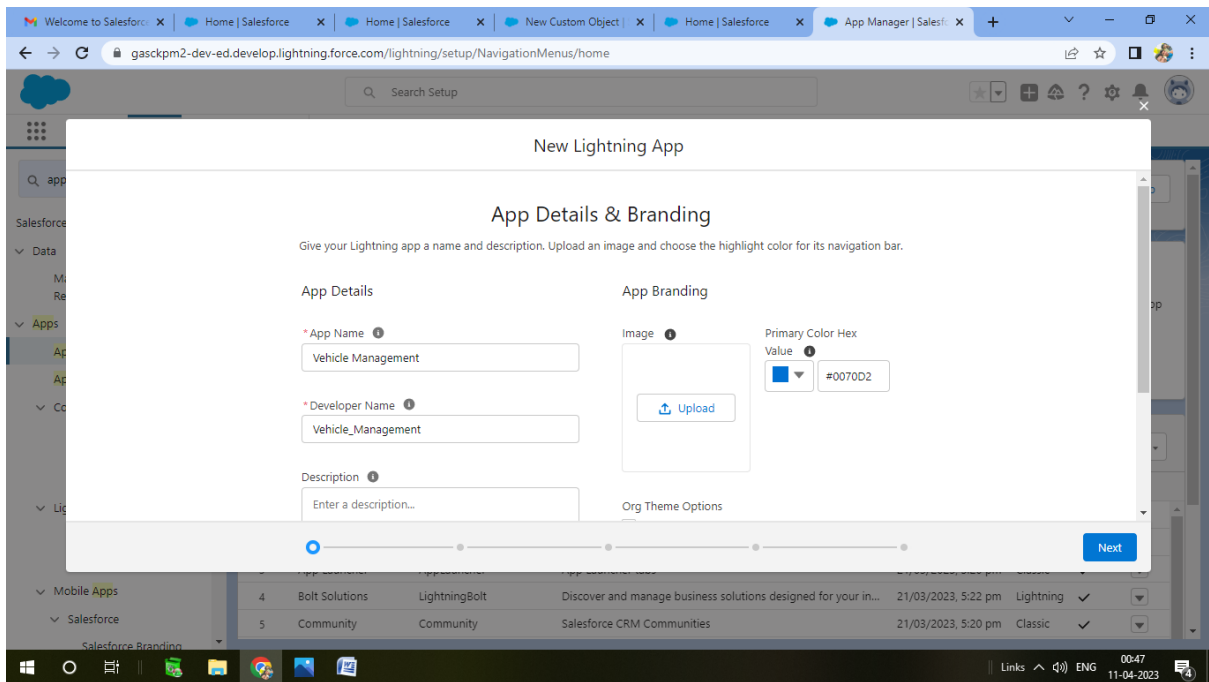
Enable App Cloning ☒ Enabled

22 Items • Sorted by App Name • Filtered by All appmenuitems - TabSet Type

	App Name ↑	Developer Name	Description	Last Modified ...	Ap...	Vi...
1	All Tabs	AllTabSet		21/03/2023, 5:20 pm	Classic	
2	Analytics Studio	Insights	Build CRM Analytics dashboards and apps	21/03/2023, 5:20 pm	Classic	✓
3	App Launcher	AppLauncher	App Launcher tabs	21/03/2023, 5:20 pm	Classic	✓
4	Bolt Solutions	LightningBolt	Discover and manage business solutions designed for your in...	21/03/2023, 5:22 pm	Lightning	✓
5	Community	Community	Salesforce CRM Communities	21/03/2023, 5:20 pm	Classic	✓

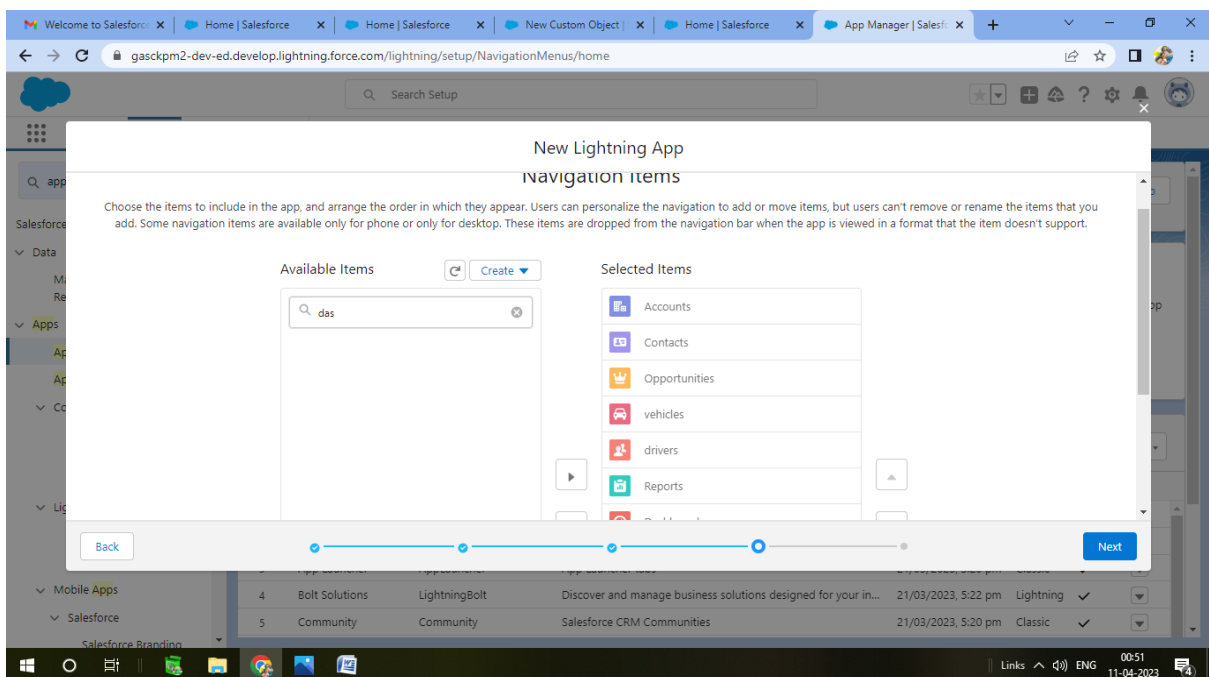
Links ENG 00:45 11-04-2023





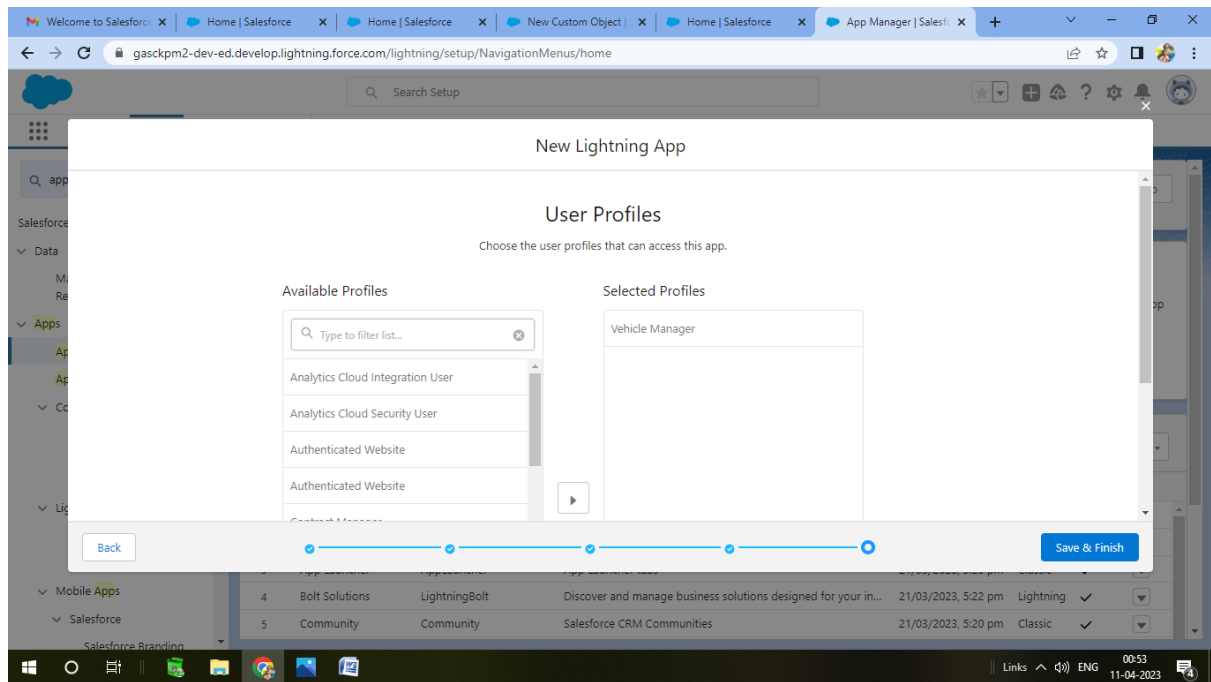
## To Add Navigation Items:

Select the items from the search bar and move it using the arrow button - next



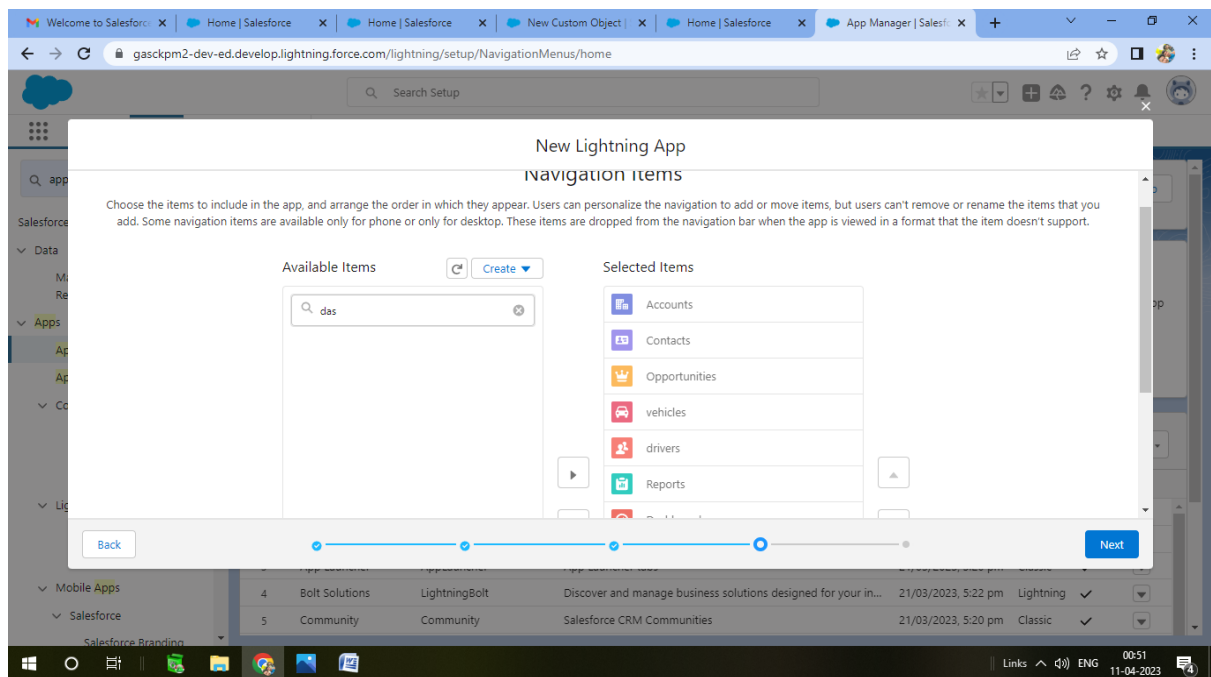
## To Add User Profiles:

Search Profiles in Search bar — click on the arrow button — save & finish



**To create fields in an object:**

**Go to setup → click on Object Manager → type object name in search bar → click on the object**



## **Milestone-5: Profile**

### **Activity 1:**

**Creating a Profiles: Now create a Vehicle Manager profile and set its object permissions.**

## Creating a Profiles:

Now create a Vehicle Manager profile and set its object permissions.

- From Setup enter Profiles in the Quick Find box, and select Profiles.
- From the list of profiles, find Standard User.
- Click Clone.
- For Profile Name, enter Vehicle Manager.
- Click Save.
- While still on the Vehicle Manager profile page, then click Edit.
- Scroll down to Custom Object Permissions and give access for Create,Read,Edit,Delete,View all and modify all for Vehicle object and Drivers object.

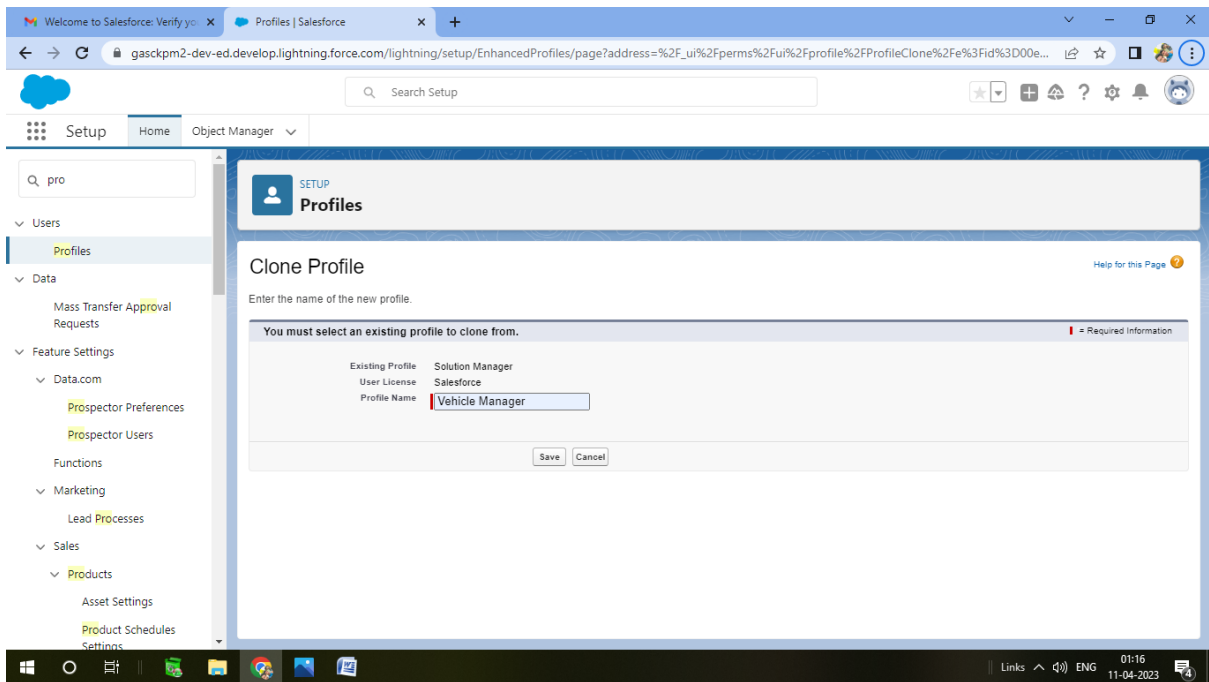
To create a new profile:

Go to setup → type profiles in quick find box → click on profiles → clone the desired profile (standard user is preferable) → enter profile name → save

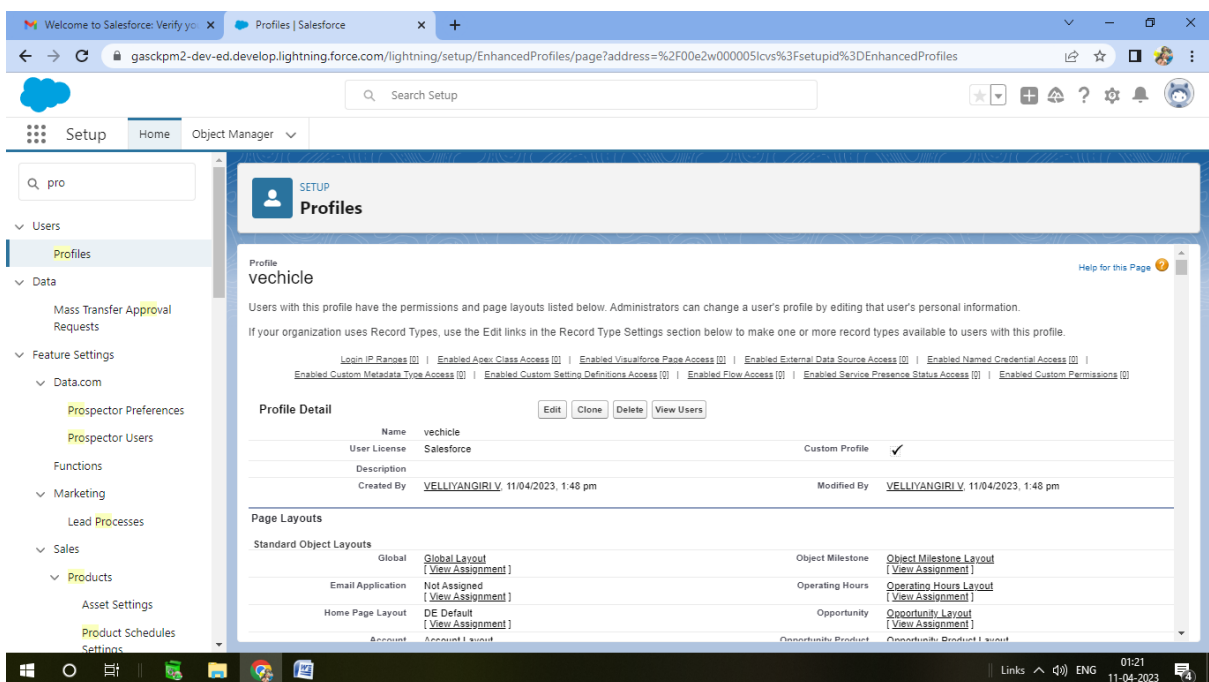
The screenshot shows the Salesforce Setup interface. The left sidebar contains a search bar with 'pro' entered and a list of categories: Users, Profiles, Data, Feature Settings, Data.com, Prospecter Preferences, Prospecter Users, Functions, Marketing, Lead Processes, Sales, Products, Asset Settings, Product Schedules, and Settings. The 'Profiles' category is selected. The main content area is titled 'Profiles' and includes a 'New Profile' button and a table of existing profiles. The table has columns for Action, Profile Name, User License, and Custom. The 'Standard User' profile is highlighted. The bottom of the screen shows the Windows taskbar and system clock.

Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit   Clone	Salesforce API Only System Integrations	Salesforce Integration	<input type="checkbox"/>
<input type="checkbox"/> Edit   Clone	Silver Partner User	Silver Partner	<input type="checkbox"/>
<input type="checkbox"/> Edit   Clone	Solution Manager	Salesforce	<input type="checkbox"/>
<input type="checkbox"/> Edit   Clone	Standard Platform User	Salesforce Platform	<input type="checkbox"/>
<input type="checkbox"/> Edit   Clone	Standard User	Salesforce	<input type="checkbox"/>
<input type="checkbox"/> Edit   Clone	System Administrator	Salesforce	<input type="checkbox"/>

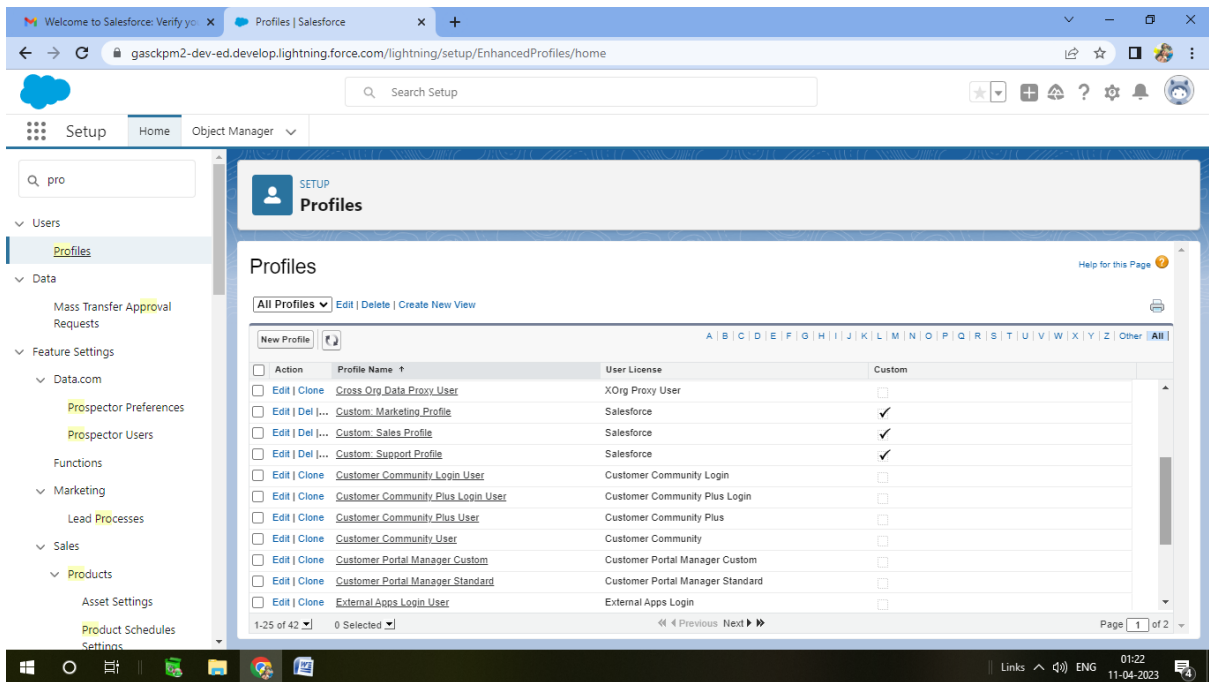
## Enter a profile Name



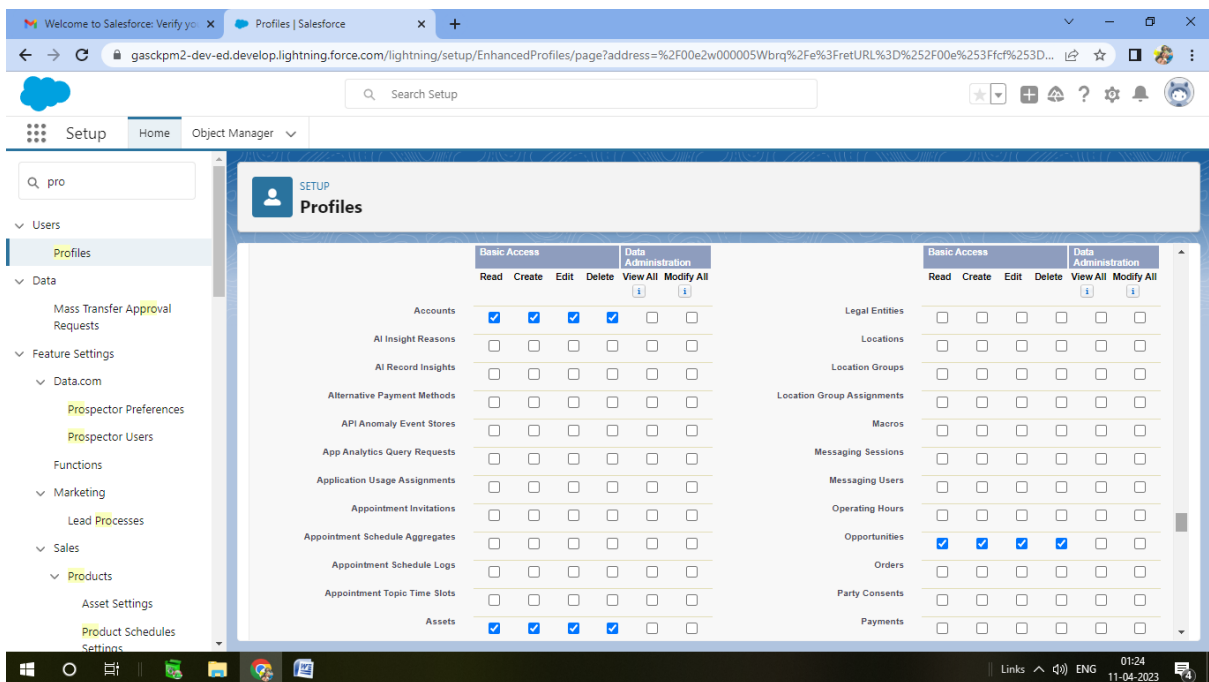
**Click on the new created profile**



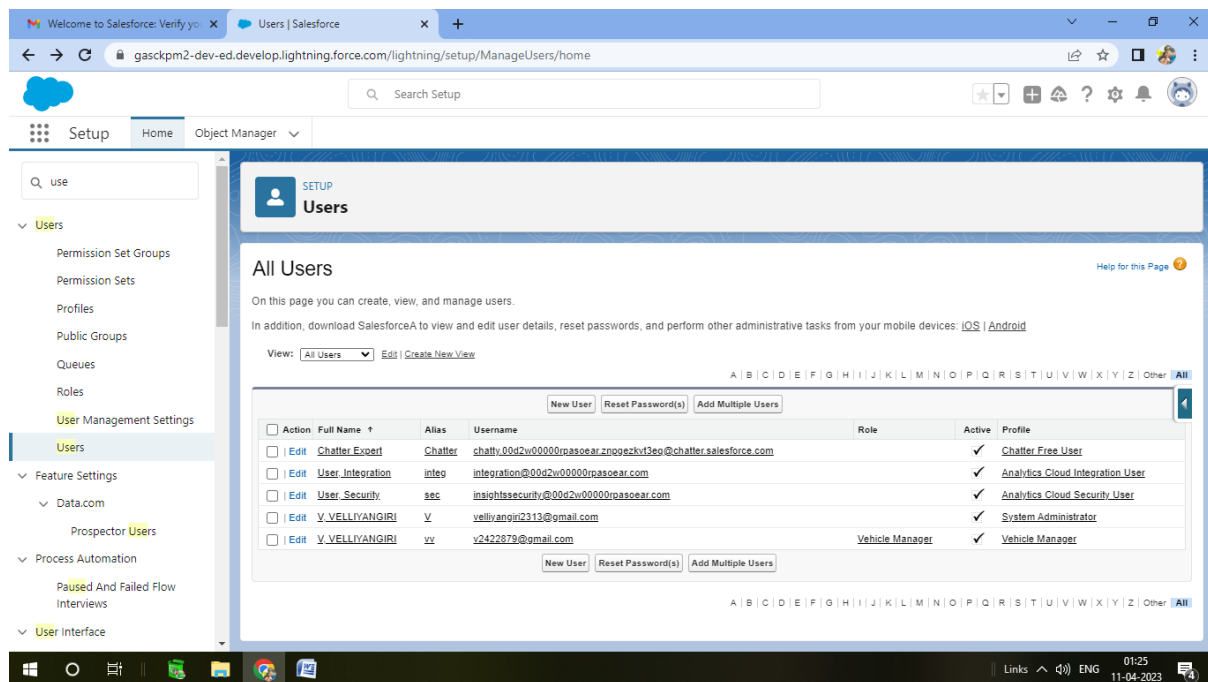
**While still on the profile page, then click Edit**



**Scroll down to Custom Object Permissions and Give view all access permissions and assign to the parent profile.**



**Similarly Create operator profile, Clone Salesforce Platform user and give access only for Vehicles object.**



## Setup Roles:

1. Click on the Gear Icon
2. Click "Setup"
3. In the Quick Find box, enter "Roles"
4. Click "Roles"
5. Click on "Set Up Roles"
6. Click "Expand All"
7. Under the CEO, click on "Add Role"
8. Fill up the Label as Vehicle Manager, Role Name Vehicle\_Manager.
9. Enter a Role name that will be displayed on Reports
10. Click on Save .

Similarly create Two Roles under Vehicle Manager as Operator 1 And Operator 2 Roles which will report to the Vehicle manager.

## Milestone-6: Users

A user is **anyone who logs in to Salesforce**. Users are employees at your company, such as sales reps, managers, and IT specialists, who need access to the company's records. Every user in Salesforce has a user account

### Activity 1: Creating aUsers:

1. From Setup, in the Quick Find box, enter Users, and then select Users.
2. Click New User.

3. Enter the user's name John Teddy and (Your) email address and a unique username in the form of an email address. By default, the username is the same as the email address.

4. Select a **Role**(Vehicle Manager)

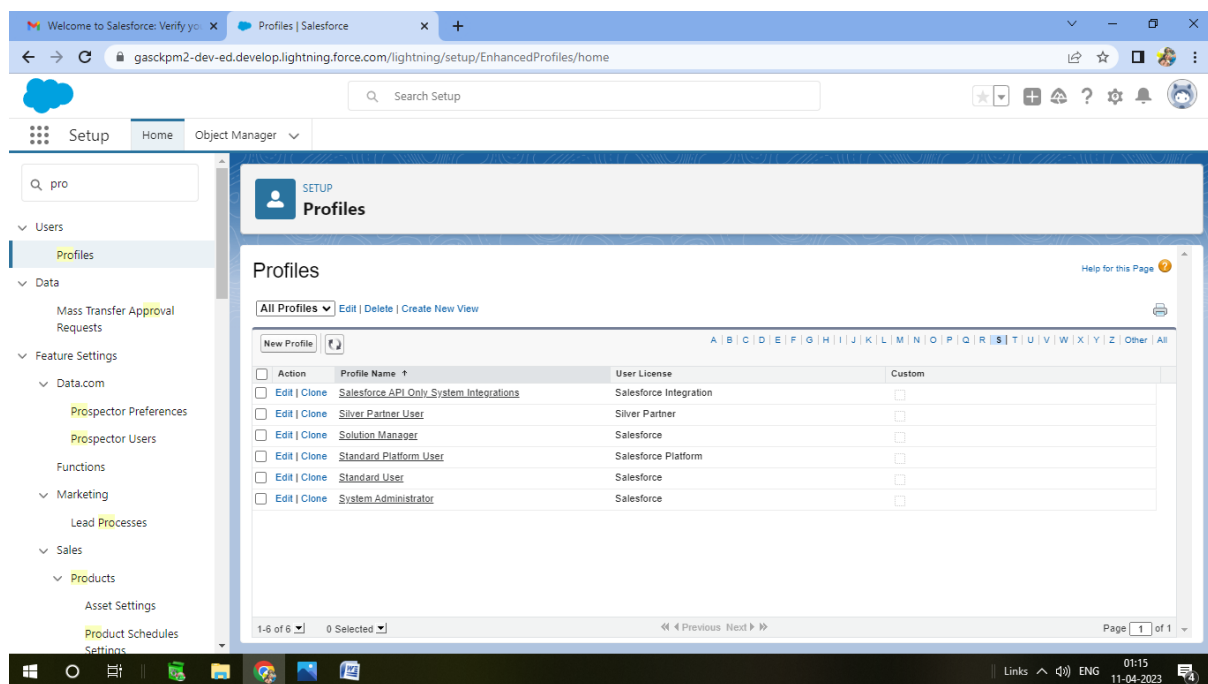
5. Select a User Licence As salesforce.

6. Select a profile as Vehicle Manager.

7. Check Generate new password and notify the user immediately to have the user's login name and a temporary password emailed to your email.

Fill in the fields (first name, last name, alias, email id, username, nick name, role, user license, profiles) → save.

Similarly



## Milestone-7:Reports

A report is a list of records that meet the criteria you define. It's displayed in Salesforce in rows and columns, and can be filtered, grouped, or displayed in a graphical chart. Every report is stored in a folder. Folders can be public, hidden, or shared, and can be set to read-only or read/write

### Activity 1: Reports And Dashboards.

Welcome to Salesforce: Verify yo... Profiles | Salesforce

gasckpm2-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/home

Search Setup

Setup Home Object Manager

pro

Users

Profiles

Data

Mass Transfer Approval Requests

Feature Settings

Data.com

Prospector Preferences

Prospector Users

Functions

Marketing

Lead Processes

Sales

Products

Asset Settings

Product Schedules

Settings

SETUP Profiles

Profiles

All Profiles Edit Delete Create New View

New Profile

Action	Profile Name	User License	Custom
Edit   Clone	Salesforce API Only System Integrations	Salesforce Integration	<input type="checkbox"/>
Edit   Clone	Silver Partner User	Silver Partner	<input type="checkbox"/>
Edit   Clone	Solution Manager	Salesforce	<input type="checkbox"/>
Edit   Clone	Standard Platform User	Salesforce Platform	<input type="checkbox"/>
Edit   Clone	Standard User	Salesforce	<input type="checkbox"/>
Edit   Clone	System Administrator	Salesforce	<input type="checkbox"/>

1-6 of 6 0 Selected Previous Next

Page 1 of 1

Links ENG 01:15 11-04-2023

Welcome to Salesforce: Verify yo... Profiles | Salesforce

gasckpm2-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F\_ui%2Fperms%2Fui%2Fprofile%2FProfileClone%2Fe%3Fid%3D00e...

Search Setup

Setup Home Object Manager

pro

Users

Profiles

Data

Mass Transfer Approval Requests

Feature Settings

Data.com

Prospector Preferences

Prospector Users

Functions

Marketing

Lead Processes

Sales

Products

Asset Settings

Product Schedules

Settings

SETUP Profiles

Clone Profile

Enter the name of the new profile.

You must select an existing profile to clone from.

Existing Profile	User License	Profile Name
Solution Manager	Salesforce	Vehicle Manager

Save Cancel

Links ENG 01:16 11-04-2023



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gaskpm2-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/home

Search Setup

Setup Home Object Manager

pro

Users

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SETUP Profiles

Profiles

All Profiles Edit Delete Create New View

New Profile

Action	Profile Name	User License	Custom
<a href="#">Edit</a>   <a href="#">Clone</a>	Cross Org Data Proxy User	XOrg Proxy User	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   ...	Custom: Marketing Profile	Salesforce	<input checked="" type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   ...	Custom: Sales Profile	Salesforce	<input checked="" type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   ...	Custom: Support Profile	Salesforce	<input checked="" type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	Customer Community Login User	Customer Community Login	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	Customer Community Plus Login User	Customer Community Plus Login	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	Customer Community Plus User	Customer Community Plus	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	Customer Community User	Customer Community	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	Customer Portal Manager Custom	Customer Portal Manager Custom	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	Customer Portal Manager Standard	Customer Portal Manager Standard	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	External Apps Login User	External Apps Login	<input type="checkbox"/>

1-25 of 42 0 Selected

Page 1 of 2

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gaskpm2-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w000005lcv%3Fsetupid%3DEnhancedProfiles

Search Setup

Setup Home Object Manager

pro

Users

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Asset Settings

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SETUP Profiles

Profile vehicle

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

Login IP Ranges [\(0\)](#) | Enabled Apex Class Access [\(0\)](#) | Enabled Visualforce Page Access [\(0\)](#) | Enabled External Data Source Access [\(0\)](#) | Enabled Named Credential Access [\(0\)](#) | Enabled Custom Metadata Type Access [\(0\)](#) | Enabled Custom Setting Definitions Access [\(0\)](#) | Enabled Flow Access [\(0\)](#) | Enabled Service Presence Status Access [\(0\)](#) | Enabled Custom Permissions [\(0\)](#)

Profile Detail

Edit Clone Delete View Users

Name	vehicle
User License	Salesforce
Description	
Created By	VELLIYANGIRI V. 11/04/2023, 1:48 pm
Modified By	VELLIYANGIRI V. 11/04/2023, 1:48 pm

Page Layouts

Standard Object Layouts	Global	Object Milestone
	<a href="#">Global Layout</a> <a href="#">[ View Assignment ]</a>	<a href="#">Object Milestone Layout</a> <a href="#">[ View Assignment ]</a>
Email Application	Not Assigned <a href="#">[ View Assignment ]</a>	<a href="#">Operating Hours Layout</a> <a href="#">[ View Assignment ]</a>
Home Page Layout	DE Default <a href="#">[ View Assignment ]</a>	<a href="#">Opportunity Layout</a> <a href="#">[ View Assignment ]</a>
Account	<a href="#">Account Layout</a>	<a href="#">Opportunity Product</a> <a href="#">[ View Assignment ]</a>

**SETUP Profiles**

	Basic Access				Data Administration	
	Read	Create	Edit	Delete	View All	Modify All
Accounts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AI Insight Reasons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AI Record Insights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative Payment Methods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
API Anomaly Event Stores	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
App Analytics Query Requests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Application Usage Assignments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appointment Invitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appointment Schedule Aggregates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appointment Schedule Logs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appointment Topic Time Slots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Legal Entities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location Groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location Group Assignments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Macros	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Messaging Sessions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Messaging Users	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operating Hours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Opportunities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Party Consents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**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](#)

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

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> <a href="#">Edit</a>	Chatter Expert	Chatter	chatty.00d2w00000rps0ear.zn09ezkv3eo@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/> <a href="#">Edit</a>	User Integration	integ	integration@00d2w00000rps0ear.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/> <a href="#">Edit</a>	User Security	sec	insightssecurity@00d2w00000rps0ear.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User
<input type="checkbox"/> <a href="#">Edit</a>	V. VELLIYANGIRI	V	velliyan@2313@gmail.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/> <a href="#">Edit</a>	V. VELLIYANGIRI	vv	v2422879@gmail.com	Vehicle Manager	<input checked="" type="checkbox"/>	Vehicle Manager

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

## Milestone-7:

## Reports

A report is a list of records that meet the criteria you define. It's displayed in Salesforce in rows and columns, and can be filtered, grouped, or displayed in a graphical chart. Every report is stored in a folder. Folders can be public, hidden, or shared, and can be set to

read-only or read/write.

### **Activity 1:**

#### **Reports And Dashboards.**

- Go to Reports and click New Report.
- Select the Accounts, Contacts and Vehicle report type and click Start Report.
- To begin filtering, click Filters.
- Click the Show Me standard filter and select My Contacts. Click Apply.
- Click on add columns add Vehicle:Vehicle name, Vehicle:Customer id, Vehicle:Customer name, Vehicle:Customer Number, Vehicle:Chassis Number.
- Click Save.
- Save your report as Vehicle and Customer Details and accept the auto-generated unique name.

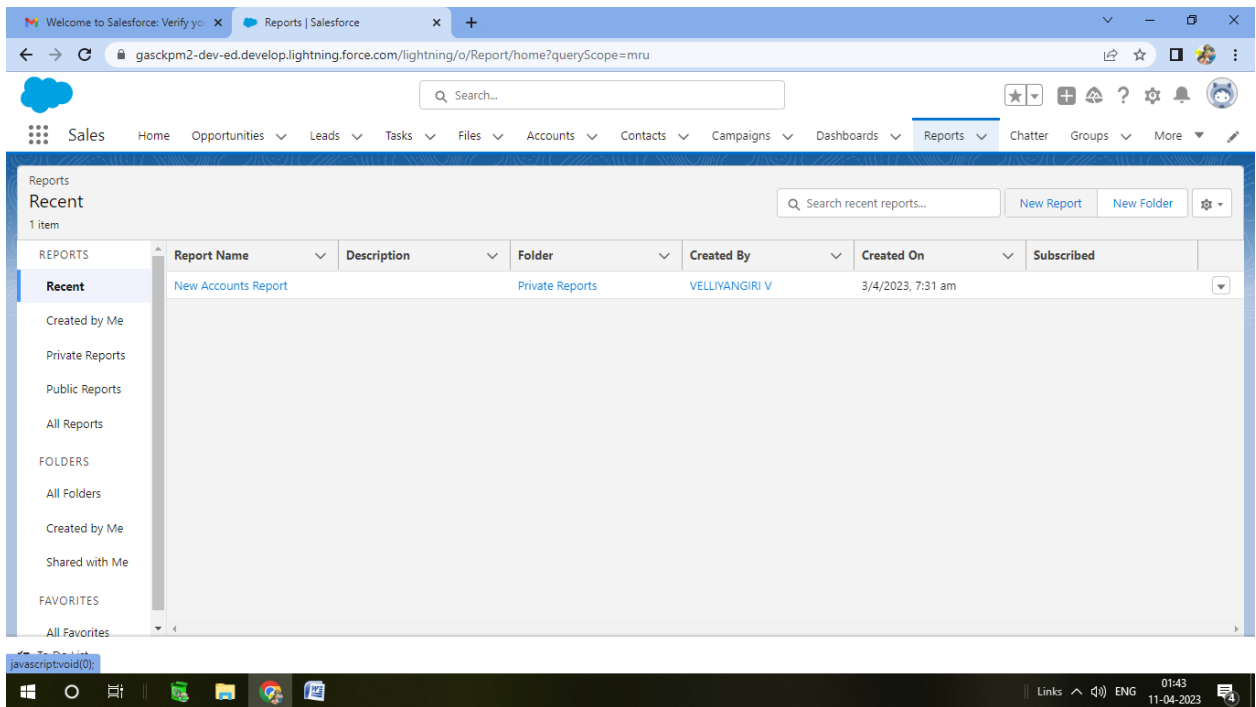
### **Activity 2:**

#### **Dashboard:**

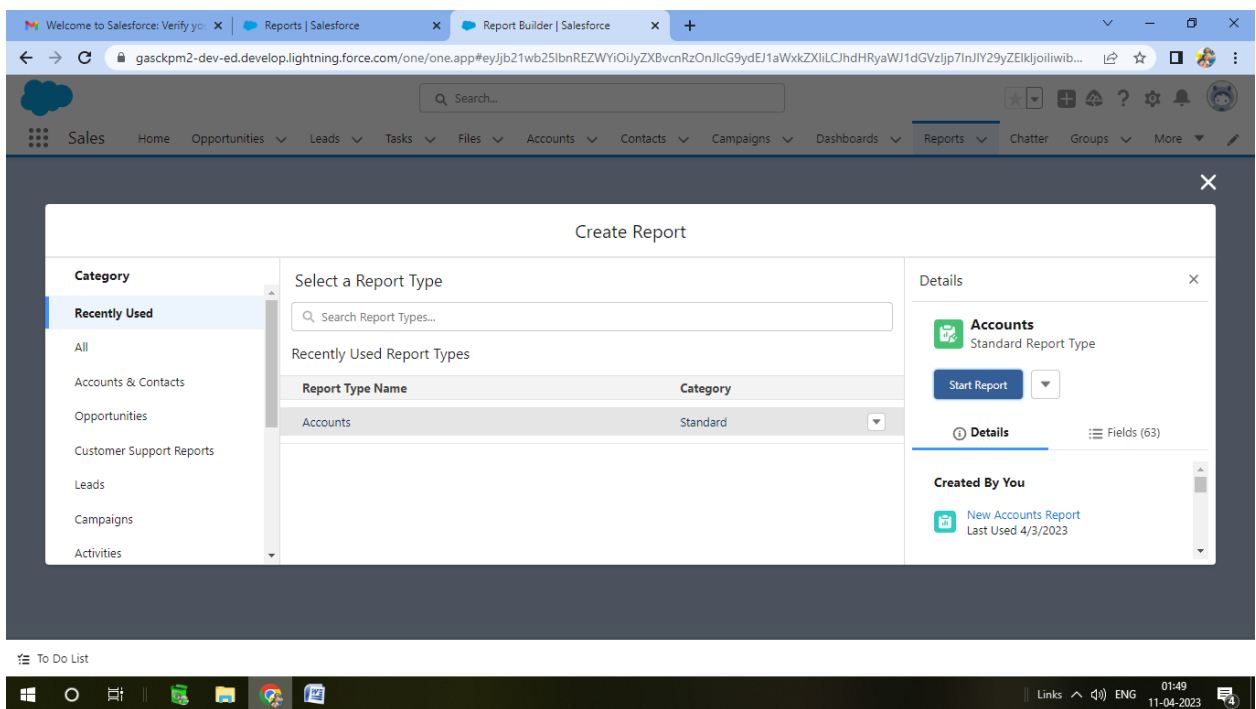
1. Click the Dashboards tab.
2. Click New Dashboard.
3. Name the dashboard Vehicle and Customer Details and click Create.
4. Click +Component.
5. Select the Supplies report and click Select.
6. Select the Vertical Bar Chart component and click Add.
7. Click Save and then Done.

To create a report:

Go to the app → click on the reports tab.

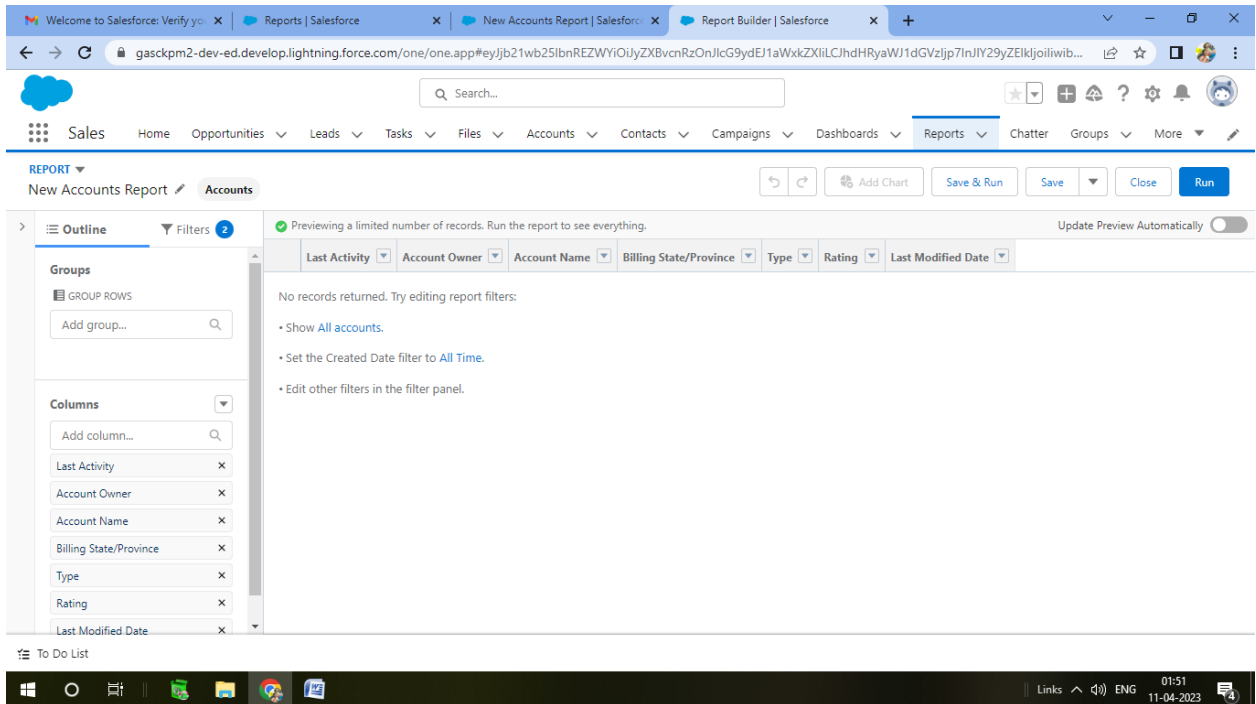


Click new Report



Select Report type from category of from report type panel or from search panel → click on start report.

Customize your report, then save or run it.



## 4 Trailhead Profile Public URL

**Team Lead** – <https://trailblazer.me/id/vvmaths>

**Team Member 1** - <https://trailblazer.me/id/uttdtr1>

**Team Member 2** –<https://trailblazer.me/id/lokem13>

**Team Member 3** - <https://trailblazer.me/id/naveb17>

**Team Member 4** – <https://trailblazer.me/id/suguk4>

**Team Member 5** – <https://trailblazer.me/id/sivak231>

## **5 ADVANTAGES & DISADVANTAGE**

### **Advantages – Vehicle Management**

- i) Duplication of the vehicle data is avoided**
- ii) As vehicle number is already stored in the master therefore human mistakes can be avoided**
- iii) Timely alerts ensure that penalties are avoided.**

### **Disadvantage– Vehicle Management**

- i) Active tracking based fleet management requires monthly subscription charges and data usage charges.**
- ii) It is difficult to manage and maintain fleet management system due to use of multiple technologies such as cloud servers, cellular wireless systems, fleet management software etc.**
- iii) It requires skilled resources to maintain such system. This increases maintenance costs.**
- iv) GPS device used in fleet management is power hungry which drains battery faster.**
- v) GPS signal does not pierce through the walls, solid structures, under water or dense trees. Hence it is difficult to track the fleet when they are in such regions or behind such locations.**

## **6 APPLICATIONS**

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 require as vehicle importer when dealing with your original equipment manufacturers (OEMs) and your dealers in new and used vehicle sales .

## **7 CONCLUSION**

Online vehicle reservation system improves the existing system since we are in computerized world. With this new system is mandatory, it enables the user of the system (client, employee, System administrator) to reserve vehicles online and this reduces the wasting of time of the clients looking for where to go, increase the safety of the property. The developed system has been successfully deployed on a web-site. After connected to the system through the Internet, some feedbacks are found. This system's workflow of the front-end is user friendly and efficient enough to work. The system developed with future development possibilities in consideration. The object oriented approach of this system permits addition of new entities and methods, which will be helpful to interact with existing ones and to extend the functionalities. The developers of this system wishes to continue their involvement and contribution to this system for further development operation. Some new features will be added soon in this system. The developers of this system wish to add a Forum facility in this web-site, where all the registered users will be able to perform desired tasks.

## **8 FUTURE SCOPE**

### **Features – Vehicle Management**

- 1) Vehicle Master captures all the information related to vehicles number, controlling location and so on.**
- 2) One-stop information of vehicles includes engine number, registration number RC book number and more.**
- 3) It also has capability to store information of statutory documents like insurance road tax, user can also upload scan copy of the documents.**
- 4) Daily / Weekly / Monthly alerts can be set for the upcoming renewal of documents**
- 5) Location wise user wise alert list can be configured.**