



# GOVERNMENT OF TAMILNADU

## Naan Muthalvan - Project-Based Experiential Learning

Venicle Management System Using Salesforce

Submitted by

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**TEAM ID - NM 2023TM ID19479**

Under the guidance of  
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 Guest lecturer

**PG and Research Department Of Mathematics**



**M.V.MUTHIAH GOVERNMENT ARTS COLLEGE FOR WOMEN**

B(Affiliated To Mother Teresa Women's University, Kodaikanal)  
Reaccredited with "A" Grade by NAAC  
**DINDIGUL-624001.**

**APRIL - 2023**

**M.V.MUTHIAH GOVERNMENT ARTS COLLEG FOR WOMEN**  
(Affiliated to Mother Teresa Women's University, Kodaikanal)  
Reaccredited with "A" Grade by NAAC  
**Dindigul - 624 001**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**BONAFIDE CERTIFICATE**

This is to certify that this is a bonafide record of the project entitled, "**VENICIE MANAGEMENT SYSTEM USING SALESFORCE**" done by Ms. V. TAMILSELVI(20321ER029), Ms. M. THINISHA(20321ER030), Ms. M. THIRISHA(20321ER031), Ms. B. VEERAMANI (20321ER032). This is submitted in partial fulfillment for the award of the degree of **Bachelor of Science in Mathematics** in **M.V.MUTHIAH GOVERNMENT ARTS COLLEGE FOR WOMEN,DINDIGUL** during the period of December 2022 to April 2023.

**Project Mentor(s)**

**Head of the Department**

Submitted for viva-voce Examination held on 12/04/2023

**INTRODUCTION:**

## **VEHICLE MANAGEMENT SYSTEM USING SALESFORCE**

**INTRODUCTION:**

### **1.1 Overview:**

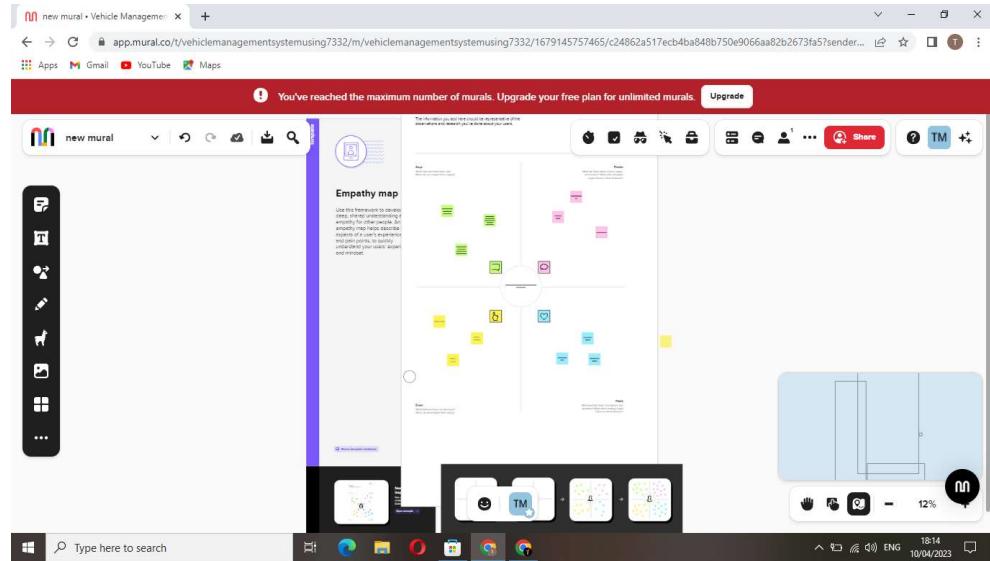
Vehicle Management is an application where customer Details are stored in order to choose cars, bikes and commercial vehicles for travel within the city. The data which is stored here is further used to remind them if any offers are provided during the seasons and any updates regarding vehicles are sent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

### **1.2 Purpose:**

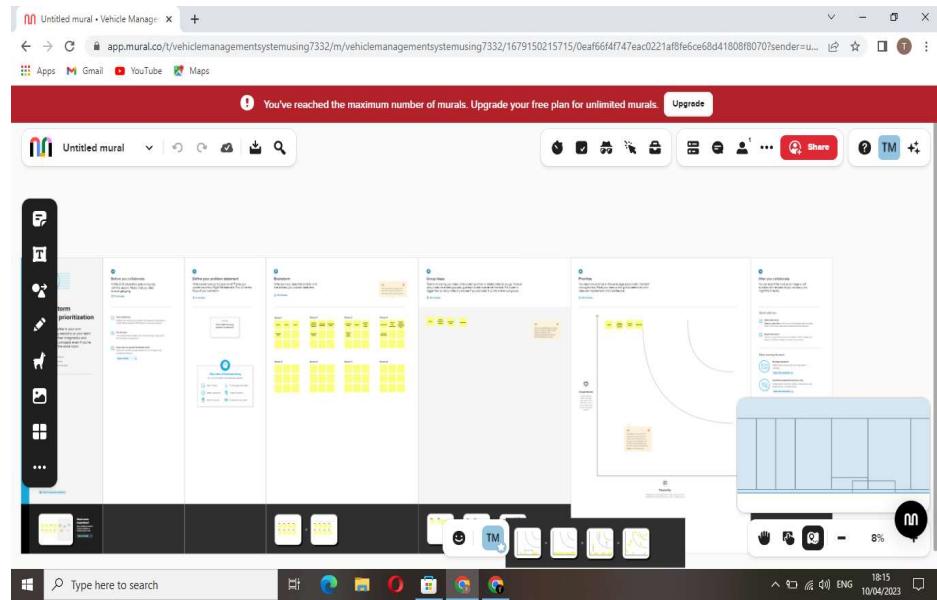
- Improve fleet safety. And working conditions
- Improve the behaviour and performance of drivers and beat unsafe driving
- Schedule routine maintenance
- Schedule shifts and work hours
- Leverage driver retention
- Track vehicles ,assets or professional equipment
- Schedule routine maintenance
- Manage fuel efficiency.
- Keep track of malfunctions
- Track mileage and manage deductible expenses

## **2. Problem Definition & Design Thinking :**

### **2.1 Empathy Map :**



## 2.2 Ideation & Brainstorming Map



## 3 .RESULT :

### 3.1 Data Model :

| OBJECT | FIELDS IN THE OBJECT |
|--------|----------------------|
|        |                      |

| NAME    |       |   |           |
|---------|-------|---|-----------|
| Vehicle | S .No | Field lable   | Data type |
|         | 1.    | Customer Name   | Text      |
|         | 2.    | Customer Mobile No  | Number    |
|         | 3.    | Vehicle Type<br>1. 2 wheeler<br>2. 4 wheeler  | Picklist  |
|         | 4.    | 2WHEELERS<br>1. HERO<br>2. HONDA<br>3. BAJAJ<br>4. ROYAL ENFIELD<br>5. TVS<br>6. KINETIC<br>7. OLA<br>8. JAWA<br>9. SD<br>10. BATTERY | Picklist  |

|  |     |  |          |
|--|-----|--|----------|
|  | 5.  | 4WHEELERS<br>1. RENAULT<br>2. SKODA<br>3. HONDA<br>4. HYUNDAI<br>5. SUZUKI<br>6. MAHINDRA<br>7. VOLKSWAGEN<br>8. BEZ<br>9. AUDI<br>10. VOLVO | Picklist |
|  | 6.  | Vehicle Name   | Text     |
|  | 7.  | Vehicle No   | Text     |
|  | 8.  | Chassic No   | Text     |
|  | 9.  | Colour   | Text     |
|  | 10. | Body Tybe  | Text     |

|  |     |   |                       |
|--|-----|---|-----------------------|
|  | 11. | Vehicle Includes<br>1. Fire Extenuation<br>2. First Aid Kit<br>3. Multi Charger Kit<br>4. Stepney<br>5. Stereo<br>6. Tool Kit<br>7. Tracking Device<br>8. Tyre Jack | Multi Picklist        |
|  | 12. | Contion<br>1. Good<br>2. Medium<br>3. Least   | Picklist              |
|  | 13. | Mileage   | Text                  |
|  | 14. | Seats   | Number                |
|  | 15. | Start Date  | Date/Time             |
|  | 16. | End Date  | Date/Time             |
|  | 17. | Opportunity   | Lookup (opportunity ) |

| Object name | Fields in the Object |               |                  |
|-------------|----------------------|---------------|------------------|
| Driver      | S.No                 | Field lable   | Data type        |
|             | 1.                   | Driver Name   | Text             |
|             | 2.                   | Licence No    | Text             |
|             | 3.                   | Mobile No     | Number           |
|             | 4.                   | Fair Per Hour | Text             |
|             | 5.                   | Vehicle       | Lookup( Vehicle) |

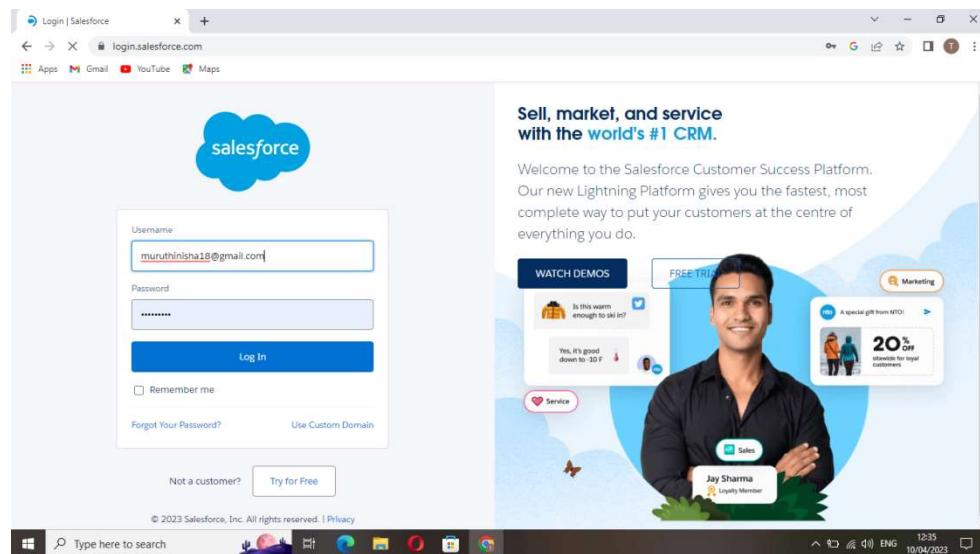
### 3.2 Activity & Screenshot

Milestone 1 :

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
  - b. Email
  - c. Role : Developer
  - d. Company : College Name
  - e. County : India
  - f. 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



## Milestone -2 : Object

To Create an object:

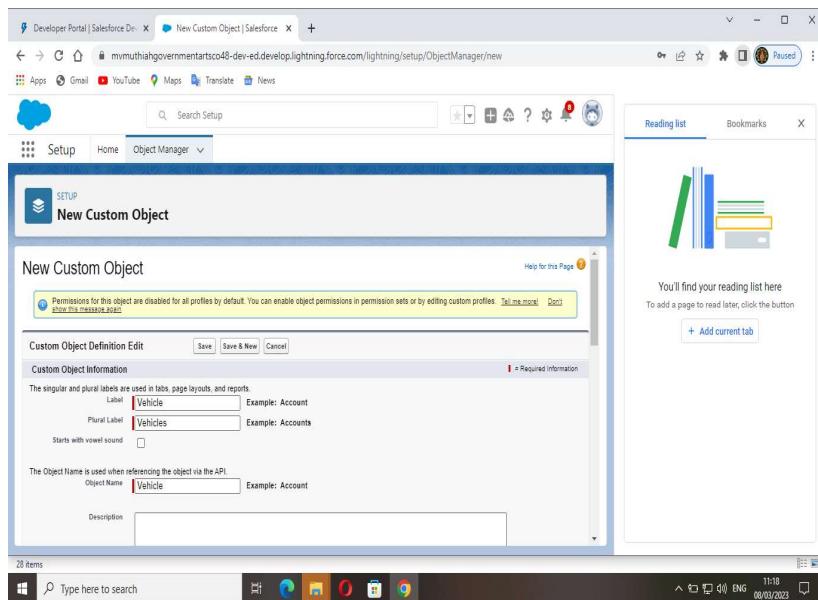
Creation of Objects for Vehicle Management, For this Vehicle Management we need to create 2 objects (i.e) Vehicles, Driver.

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.

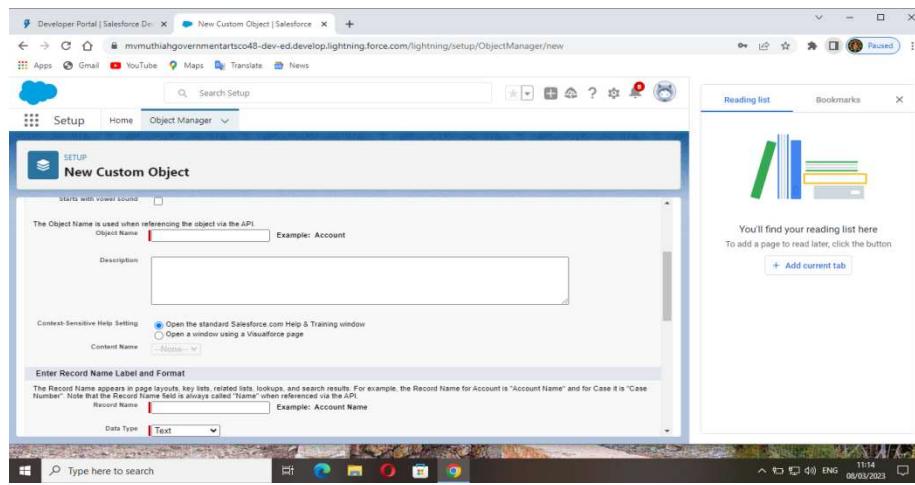
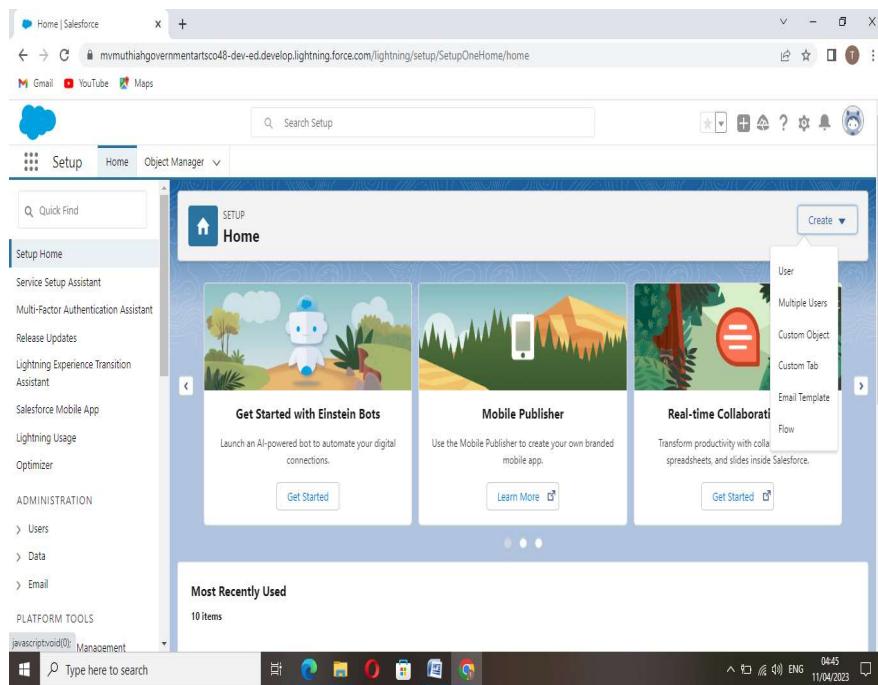
Click the Home tab, enter Tabs in Quick Find and select Tabs.

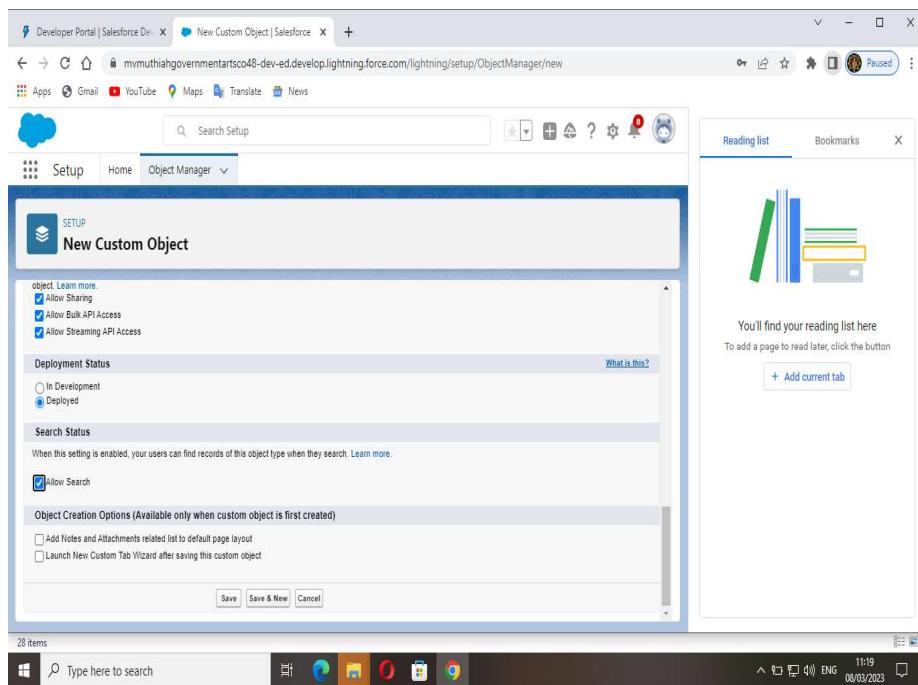
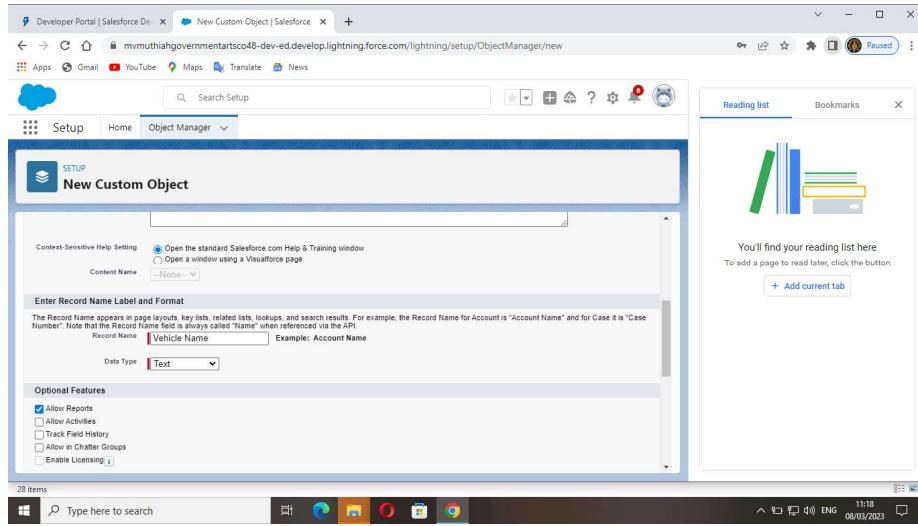
- Under Custom Object Tabs, click New.
- For object ,select Vehicle
- For Tab Style, select any icon.



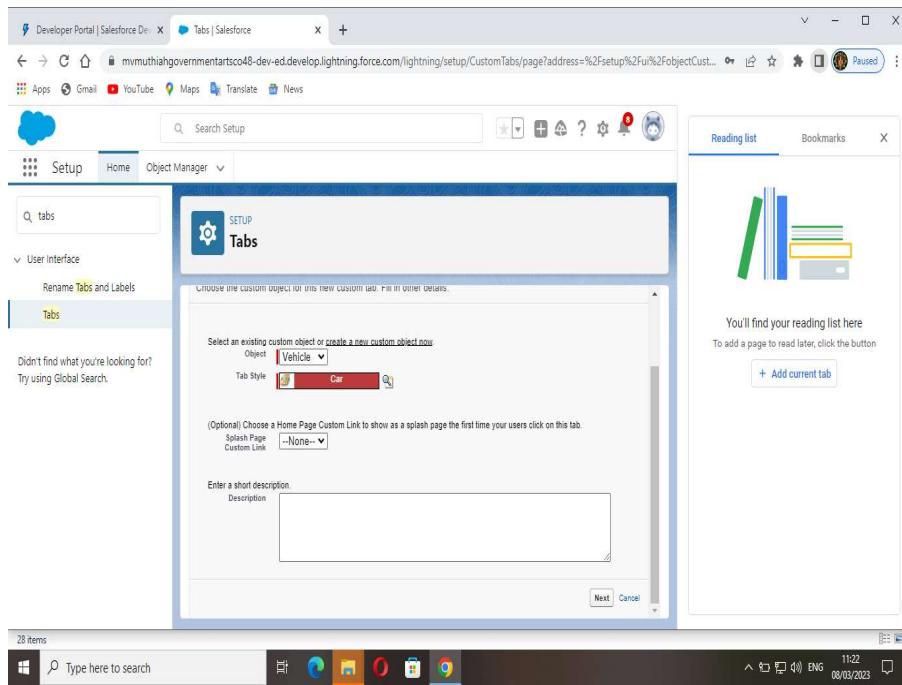
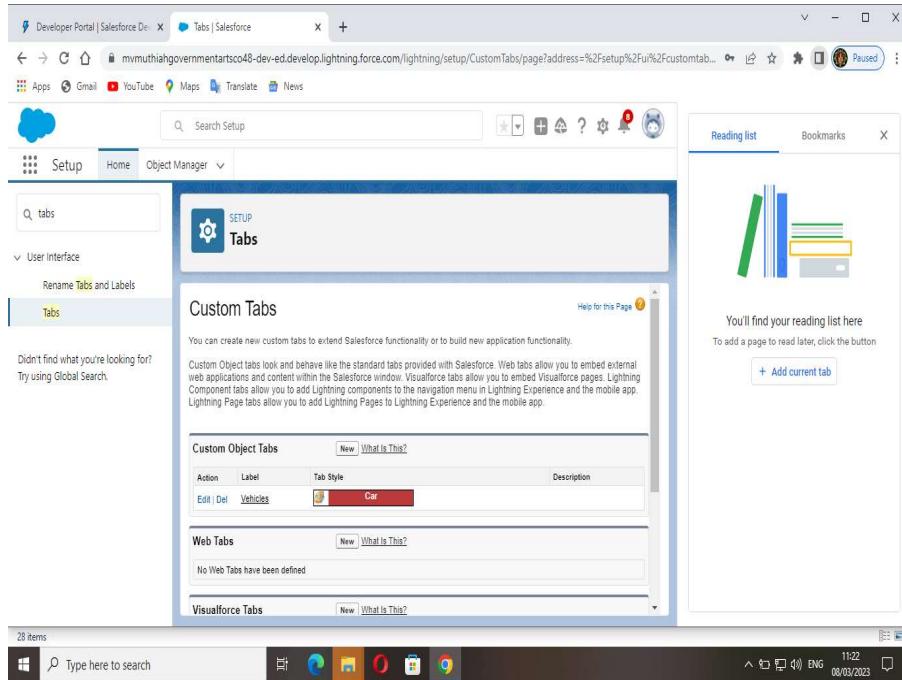
- Leave all defaults as is .Click Next, Next , and Save .

Custom Object : Vehicle





## Custom Tabs :

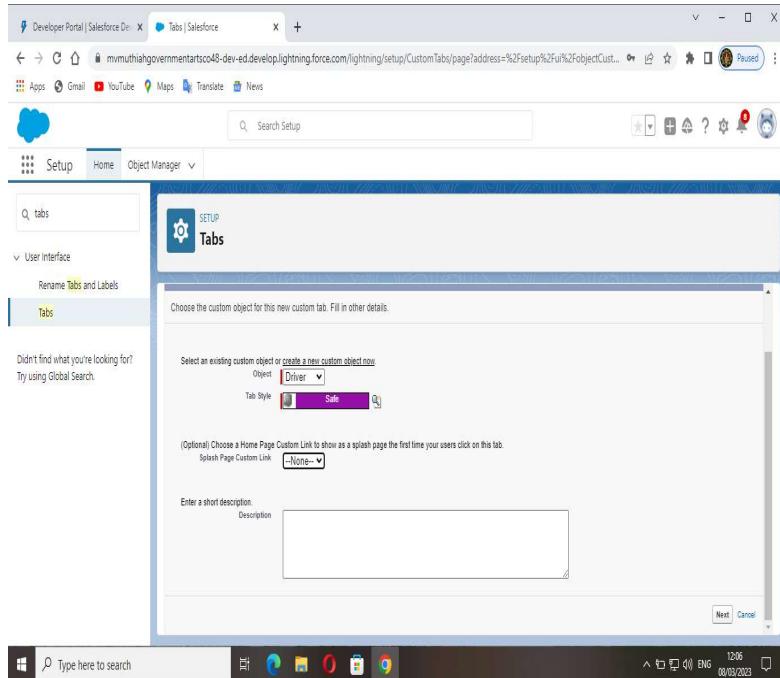


## Activity 2:

Custom Object : Driver

The screenshot shows the 'New Custom Object' configuration page in the Salesforce Setup interface. The 'Record Name' field is set to 'Driver Name'. The 'Data Type' is 'Text'. Under 'Optional Features', 'Allow Reports' is checked. In the 'Object Classification' section, 'Allow Sharing', 'Allow Bulk API Access', and 'Allow Streaming API Access' are checked. Deployment status is set to 'Deployed'. Search status is enabled. Object creation options include 'Add Notes and Attachments related list to default page layout' and 'Launch New Custom Tab Wizard after saving this custom object'. The right side of the screen shows a 'Reading list' window.

This screenshot shows the same 'New Custom Object' configuration page with different settings. 'Allow Bulk API Access' and 'Allow Streaming API Access' are no longer checked. Deployment status is now set to 'In Development'. The rest of the configuration and the reading list window on the right remain the same as the first screenshot.



## MILESTONE -3: FIELDS AND RELATIONSHIP

### Activity -1:

Fields in Vehicle object :

| Field Label        | Type                | Description |
|--------------------|---------------------|-------------|
| Created By         | Lookup(User)        |             |
| Customer Mobile No | Number(10, 0)       |             |
| Customer Name      | Text(20)            |             |
| End Date           | Date/Time           |             |
| Last Modified By   | Lookup(User)        |             |
| Mileage            | Text(20)            |             |
| Opportunity        | Lookup(Opportunity) |             |
| Owner              | Lookup(User Group)  |             |

Vehicle | Salesforce

mvmmuthiahgovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01l2w000003n/a1/FieldsAndRelationships/view

Setup Home Object Manager

Vehicle

Details

**Fields & Relationships**

21 Items, Sorted by Field Label

|                  | FIELD NAME          | DATA TYPE               | CONTROLLING FIELD | INDEXED |
|------------------|---------------------|-------------------------|-------------------|---------|
| Seats            | Seats_c             | Number(18, 0)           |                   |         |
| Start Date       | Start_Date_c        | Date/Time               |                   |         |
| Vehicle Includes | Vehicle__includes_c | Picklist (Multi-Select) |                   |         |
| Vehicle Name     | Vehicle_Name_c      | Text(20)                |                   |         |
| Vehicle Name     | Name                | Text(80)                |                   |         |
| Vehicle No       | Vehicle_No_c        | Text(20)                |                   |         |
| Vehicle Type     | Vehicle_Type_c      | Picklist                |                   |         |

Type here to search

12:37 ENG 10/04/2023

## Driver objects :

Driver | Salesforce

mvmmuthiahgovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01l2w000003nKKS/FieldsAndRelationships/view

Setup Home Object Manager

Driver

Details

**Fields & Relationships**

9 Items, Sorted by Field Label

| FIELD LABEL      | FIELD NAME      | DATA TYPE     | CONTROLLING FIELD | INDEXED |
|------------------|-----------------|---------------|-------------------|---------|
| Created By       | CreatedBy       | Lookup(User)  |                   |         |
| Driver Name      | Driver_Name_c   | Text(15)      |                   |         |
| Driver Name      | Name            | Text(80)      |                   |         |
| Fair Per Hour    | Fair_Per_Hour_c | Text(20)      |                   |         |
| Last Modified By | LastModifiedBy  | Lookup(User)  |                   |         |
| Licence No       | Licence_No_c    | Text(20)      |                   |         |
| Mobile No        | Mobile_No_c     | Number(10, 0) |                   |         |

Type here to search

12:40 ENG 10/04/2023

**Driver | Salesforce**

SETUP > OBJECT MANAGER

**Driver**

**Fields & Relationships**

| Field Label      | Name             | Type               |
|------------------|------------------|--------------------|
| Driver Name      | Driver_Name__c   | Text(15)           |
| Driver Name      | Name             | Text(80)           |
| Fair Per Hour    | Fair_Per_Hour__c | Text(20)           |
| Last Modified By | LastModifiedBy   | Lookup(User)       |
| Licence No       | Licence_No__c    | Text(20)           |
| Mobile No        | Mobile_No__c     | Number(10, 0)      |
| Owner            | OwnerId          | Lookup(User/Group) |
| Vehicle          | Vehicle__c       | Lookup(Vehicle)    |

## Fields in Driver Object :

**Vehicle | Salesforce**

SETUP > OBJECT MANAGER

**Vehicle**

**Vehicle Field Dependencies**

| Action     | Controlling Field | Dependent Field | Modified By                             |
|------------|-------------------|-----------------|---|
| Edit   Del | Vehicle Type      | 2WHEELERS       | Thinisha Murugesan, 27/03/2023, 1:41 pm |
| Edit   Del | Vehicle Type      | 4WHEELERS       | Thinisha Murugesan, 27/03/2023, 1:44 pm |

## Activity-3:

### Fields In Driver Object:

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

. The below steps will assist you in creating Field Dependencies.

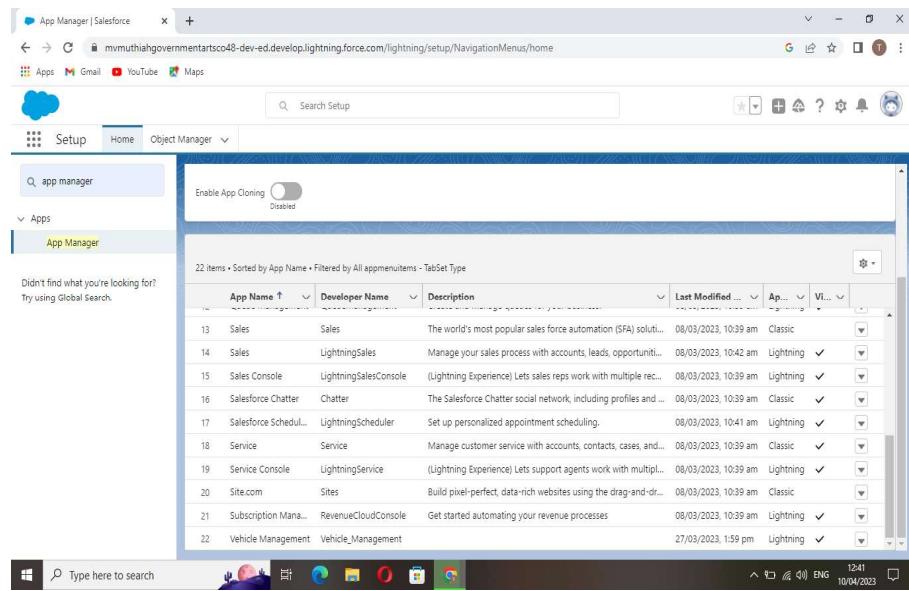
- Click on the gear icon and then select Setup.
- Click on the object manager tab just beside the home tab.
- After the above steps, Select Vehicles Object
- Now Select Fields and relationships from setup menu of the vehicle object.
- Click Field Dependencies.
- Click New.
- Select Vehicle Type as the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

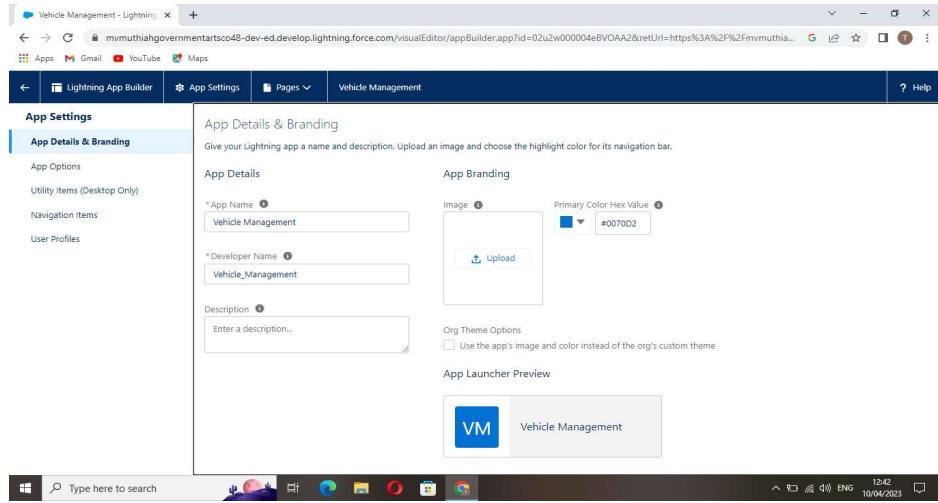
## MILESTONE -4: Lighting App

### 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





## 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.

Vehicle Manager :

Salesforce Setup - Profiles

https://mvmuthiahgovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w00000P5mH%2Fe%3FretURL%3D%2...

Search Setup

Setup Home Object Manager

Vehicle Manager

Profile Edit

Name: Vehicle Manager

User License: Salesforce

Description:

Custom Profile:

Custom App Settings

|  | Visible                             | Default               |   | Visible                             | Default                          |
|--|-------------------------------------|-----------------------|---|-------------------------------------|----------------------------------|
| All Tabs (standard__AllTabSet)                           | <input checked="" type="checkbox"/> | <input type="radio"/> | Sales (standard__Sales)                                   | <input type="checkbox"/>            | <input checked="" type="radio"/> |
| Analytics Studio (standard__Insights)                    | <input checked="" type="checkbox"/> | <input type="radio"/> | Sales Console (standard__LightningConsole)                | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| App Launcher (standard__AppLauncher)                     | <input checked="" type="checkbox"/> | <input type="radio"/> | Salesforce Chatter (standard__Chatter)                    | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Bolt Solutions (standard__LightningBolt)                 | <input checked="" type="checkbox"/> | <input type="radio"/> | Salesforce Scheduler Setup (standard__LightningScheduler) | <input type="checkbox"/>            | <input type="radio"/>            |
| Community (standard__Community)                          | <input checked="" type="checkbox"/> | <input type="radio"/> | Sample Console (standard__ServiceConsole)                 | <input type="checkbox"/>            | <input type="radio"/>            |
| Content (standard__Content)                              | <input checked="" type="checkbox"/> | <input type="radio"/> | Service (standard__Service)                               | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Data Manager (standard__DataManager)                     | <input checked="" type="checkbox"/> | <input type="radio"/> | Service Console (standard__LightningService)              | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Digital Experiences (standard__SalesforceCMS)            | <input checked="" type="checkbox"/> | <input type="radio"/> | Site.com (standard__Sites)                                | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Lightning Usage App (standard__LightningInstrumentation) | <input checked="" type="checkbox"/> | <input type="radio"/> | Subscription Management (standard__RevenueCloudConsole)   | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Marketing (standard__Marketing)                          | <input checked="" type="checkbox"/> | <input type="radio"/> | Vehicle Management (Vehicle_Management)                   | <input type="checkbox"/>            | <input type="radio"/>            |
| Queue Management (standard__QueueManagement)             | <input checked="" type="checkbox"/> | <input type="radio"/> | WDC (standard__Work)                                      | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Sales (standard__LightningSales)                         | <input checked="" type="checkbox"/> | <input type="radio"/> |   |                                     |                                  |

Help for this Page

13:30 ENG 10/04/2023

Salesforce Setup - Profiles

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Search Setup

Setup Home Object Manager

Vehicle Manager

Profile Edit

Name: Vehicle Manager

User License: Salesforce

Description:

Custom Profile:

Custom App Settings

|  | Visible                             | Default               |   | Visible                             | Default                          |
|--|-------------------------------------|-----------------------|---|-------------------------------------|----------------------------------|
| All Tabs (standard__AllTabSet)                           | <input checked="" type="checkbox"/> | <input type="radio"/> | Sales (standard__Sales)                                   | <input type="checkbox"/>            | <input checked="" type="radio"/> |
| Analytics Studio (standard__Insights)                    | <input checked="" type="checkbox"/> | <input type="radio"/> | Sales Console (standard__LightningConsole)                | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| App Launcher (standard__AppLauncher)                     | <input checked="" type="checkbox"/> | <input type="radio"/> | Salesforce Chatter (standard__Chatter)                    | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Bolt Solutions (standard__LightningBolt)                 | <input checked="" type="checkbox"/> | <input type="radio"/> | Salesforce Scheduler Setup (standard__LightningScheduler) | <input type="checkbox"/>            | <input type="radio"/>            |
| Community (standard__Community)                          | <input checked="" type="checkbox"/> | <input type="radio"/> | Sample Console (standard__ServiceConsole)                 | <input type="checkbox"/>            | <input type="radio"/>            |
| Content (standard__Content)                              | <input checked="" type="checkbox"/> | <input type="radio"/> | Service (standard__Service)                               | <input checked="" type="checkbox"/> | <input type="radio"/>            |
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| Digital Experiences (standard__SalesforceCMS)            | <input checked="" type="checkbox"/> | <input type="radio"/> | Site.com (standard__Sites)                                | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Lightning Usage App (standard__LightningInstrumentation) | <input checked="" type="checkbox"/> | <input type="radio"/> | Subscription Management (standard__RevenueCloudConsole)   | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Marketing (standard__Marketing)                          | <input checked="" type="checkbox"/> | <input type="radio"/> | Vehicle Management (Vehicle_Management)                   | <input type="checkbox"/>            | <input type="radio"/>            |
| Queue Management (standard__QueueManagement)             | <input checked="" type="checkbox"/> | <input type="radio"/> | WDC (standard__Work)                                      | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Sales (standard__LightningSales)                         | <input checked="" type="checkbox"/> | <input type="radio"/> |   |                                     |                                  |

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Salesforce Setup - Profiles

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Search Setup

Setup Home Object Manager

Vehicle Manager

Profile Edit

Name: Vehicle Manager

User License: Salesforce

Description:

Custom Profile:

Custom App Settings

|  | Visible                             | Default               |   | Visible                             | Default                          |
|--|-------------------------------------|-----------------------|---|-------------------------------------|----------------------------------|
| All Tabs (standard__AllTabSet)                           | <input checked="" type="checkbox"/> | <input type="radio"/> | Sales (standard__Sales)                                   | <input type="checkbox"/>            | <input checked="" type="radio"/> |
| Analytics Studio (standard__Insights)                    | <input checked="" type="checkbox"/> | <input type="radio"/> | Sales Console (standard__LightningConsole)                | <input checked="" type="checkbox"/> | <input type="radio"/>            |
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| Community (standard__Community)                          | <input checked="" type="checkbox"/> | <input type="radio"/> | Sample Console (standard__ServiceConsole)                 | <input type="checkbox"/>            | <input type="radio"/>            |
| Content (standard__Content)                              | <input checked="" type="checkbox"/> | <input type="radio"/> | Service (standard__Service)                               | <input checked="" type="checkbox"/> | <input type="radio"/>            |
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| Marketing (standard__Marketing)                          | <input checked="" type="checkbox"/> | <input type="radio"/> | Vehicle Management (Vehicle_Management)                   | <input type="checkbox"/>            | <input type="radio"/>            |
| Queue Management (standard__QueueManagement)             | <input checked="" type="checkbox"/> | <input type="radio"/> | WDC (standard__Work)                                      | <input checked="" type="checkbox"/> | <input type="radio"/>            |
| Sales (standard__LightningSales)                         | <input checked="" type="checkbox"/> | <input type="radio"/> |   |                                     |                                  |

Service Provider Access

13:31 ENG 10/04/2023

Profiles | Salesforce

mvmutthiahgovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w000000P5mH%2Fe%3FretURL%3D%2...

Setup Home Object Manager

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

Service Provider Access

Tab Settings

Standard Tab Settings

|                             | Home                                       | Default On                                 |
|-----------------------------|--|--|
| Accounts                    | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Alert Settings              | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| All Sites                   | <input type="button" value="Tab Hidden"/>  | <input type="button" value="Tab Visible"/> |
| Alternative Payment Methods | <input type="button" value="Default Off"/> | <input type="button" value="Default On"/>  |
| Analytics                   | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| App Launcher                | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Appointment Invitations     | <input type="button" value="Default Off"/> | <input type="button" value="Default On"/>  |
| Approval Requests           | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Asset Actions               | <input type="button" value="Default Off"/> | <input type="button" value="Default On"/>  |
| Asset Action Sources        | <input type="button" value="Default Off"/> | <input type="button" value="Default On"/>  |
| Assets                      | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Invoices                    | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Leads                       | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Learning                    | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Legal Entities              | <input type="button" value="Default Off"/> | <input type="button" value="Default On"/>  |
| Libraries                   | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Lightning Bolt Solutions    | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Lightning Usage             | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| List Emails                 | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Location Groups             | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Locations                   | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |
| Macros                      | <input type="button" value="Default Off"/> | <input type="button" value="Default On"/>  |
| Marketing Services          | <input type="button" value="Default On"/>  | <input type="button" value="Default Off"/> |

10/04/2023 13:31 ENG

Profiles | Salesforce

mvmutthiahgovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w000000P5mH%2Fe%3FretURL%3D%2...

Setup Home Object Manager

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

Service Provider Access

Custom Tab Settings

|                 | Drivers                                   | Default On                                 |
|-----------------|---|--|
| Incidents       | <input type="button" value="Default On"/> | <input type="button" value="Default Off"/> |
| Individuals     | <input type="button" value="Default On"/> | <input type="button" value="Default Off"/> |
| Work Type Group | <input type="button" value="Default On"/> | <input type="button" value="Default Off"/> |
| Work Types      | <input type="button" value="Default On"/> | <input type="button" value="Default Off"/> |

Administrative Permissions

| Access Conversation Entries                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|
| Access Experience Management               | <input type="checkbox"/>            | <input type="checkbox"/> |
| Access Libraries                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Add People to Direct Messages              | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Allow blockchain data upload               | <input type="checkbox"/>            | <input type="checkbox"/> |
| Allow inclusion of Code Snippets from UI   | <input type="checkbox"/>            | <input type="checkbox"/> |
| Allow user to modify Private Conversations | <input type="checkbox"/>            | <input type="checkbox"/> |
| Apex REST Services                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| API Enabled                                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Anti-Deny User                             | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Next Best Action Recommendations    | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Next Best Action Strategies         | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Orchestrations Runs and Work Items  | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Package Licenses                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Password Policies                   | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Profiles and Permission Sets        | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Promoted Search Terms               | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Prompts                             | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Public Classic Email Templates      | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manage Public Documents                    | <input type="checkbox"/>            | <input type="checkbox"/> |

10/04/2023 13:32 ENG

Salesforce Setup - mvmutiahgovemartsco48-dev-ed.lightning.force.com

SETUP Profiles

General User Permissions

|   | Access Activities                   | Manage Cases             |
|---|-------------------------------------|--------------------------|
| Access Customer Asset Lifecycle Management APIs | <input type="checkbox"/>            | <input type="checkbox"/> |
| Access drag-and-drop content builder            | <input type="checkbox"/>            | <input type="checkbox"/> |
| Access to view Data Assessment                  | <input type="checkbox"/>            | <input type="checkbox"/> |
| Access Tracer for External Data Sources         | <input type="checkbox"/>            | <input type="checkbox"/> |
| Activate Contracts                              | <input type="checkbox"/>            | <input type="checkbox"/> |
| Activate Orders                                 | <input type="checkbox"/>            | <input type="checkbox"/> |
| Allow Access to Customized Actions              | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Allow consumer key and secret rotation          | <input type="checkbox"/>            | <input type="checkbox"/> |
|   |                                     |                          |
|   |                                     |                          |

Standard Object Permissions

The permissions defined here control access at the object level. Access to individual records within that object type is controlled by the sharing model. Set access levels based on the functional requirements for the profile. For example, create different groups of permissions for individual contributors, managers, and administrators. [How do I choose?](#) ?

|                             | Basic Access  | Data Administration      | Basic Access               | Data Administration                 |
|-----------------------------|---|--------------------------|----------------------------|-------------------------------------|
| Accounts                    | Read <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Delete <input checked="" type="checkbox"/> View All <input checked="" type="checkbox"/> Modify All <input checked="" type="checkbox"/> |                          | Legal Entities             |                                     |
| AI Insight Reasons          | <input type="checkbox"/>  | <input type="checkbox"/> | Locations                  | <input checked="" type="checkbox"/> |
| AI Record Insights          | <input type="checkbox"/>  | <input type="checkbox"/> | Location Groups            | <input type="checkbox"/>            |
| Alternative Payment Methods | <input type="checkbox"/>  | <input type="checkbox"/> | Location Group Assignments | <input type="checkbox"/>            |
| API Anomaly Event Stores    | <input type="checkbox"/>  | <input type="checkbox"/> | Macros                     | <input checked="" type="checkbox"/> |

Salesforce Setup - mvmutiahgovemartsco48-dev-ed.lightning.force.com

SETUP Profiles

Standard Object Permissions

The permissions defined here control access at the object level. Access to individual records within that object type is controlled by the sharing model. Set access levels based on the functional requirements for the profile. For example, create different groups of permissions for individual contributors, managers, and administrators. [How do I choose?](#) ?

|                             | Basic Access  | Data Administration      | Basic Access               | Data Administration                 |
|-----------------------------|---|--------------------------|----------------------------|-------------------------------------|
| Accounts                    | Read <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Delete <input checked="" type="checkbox"/> View All <input checked="" type="checkbox"/> Modify All <input checked="" type="checkbox"/> |                          | Legal Entities             |                                     |
| AI Insight Reasons          | <input type="checkbox"/>  | <input type="checkbox"/> | Locations                  | <input checked="" type="checkbox"/> |
| AI Record Insights          | <input type="checkbox"/>  | <input type="checkbox"/> | Location Groups            | <input type="checkbox"/>            |
| Alternative Payment Methods | <input type="checkbox"/>  | <input type="checkbox"/> | Location Group Assignments | <input type="checkbox"/>            |
| API Anomaly Event Stores    | <input type="checkbox"/>  | <input type="checkbox"/> | Macros                     | <input checked="" type="checkbox"/> |

Salesforce Setup - Profiles

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Search Setup

Setup Home Object Manager

Users Profiles

Mass Transfer Approval Requests

Feature Settings Data.com

Prospector Preferences Prospector Users Functions

Marketing Lead Processes

Sales Products Asset Settings Product Schedules Settings

Custom Object Permissions

Entitlement Contacts Finance Balance Snapshots Finance Transactions Gateway Provider Payment Method Types Ideas Images Incidents Individuals Invoices Leads Streaming Channels User External Credentials Web Cart Documents Work Orders Work Plans Work Plan Templates Work Step Templates Work Types Work Type Groups

Basic Access Read Create Edit Delete View All Modify All

Basic Access Read Create Edit Delete View All Modify All

13:35 ENG 10/04/2023

This screenshot shows the 'Profiles' page in the Salesforce Setup. The left sidebar is collapsed, showing 'Users' and 'Profiles'. The main content area is titled 'Profiles' and contains two sections: 'Entitlement Contacts' and 'Streaming Channels'. Under 'Entitlement Contacts', there are checkboxes for 'Finance Balance Snapshots', 'Finance Transactions', 'Gateway Provider Payment Method Types', 'Ideas', 'Images', 'Incidents', 'Individuals', 'Invoices', and 'Leads'. Under 'Streaming Channels', there are checkboxes for 'User External Credentials', 'Web Cart Documents', 'Work Orders', 'Work Plans', 'Work Plan Templates', 'Work Step Templates', 'Work Types', and 'Work Type Groups'. Below these sections are two tables for 'Custom Object Permissions' with columns for 'Basic Access' and 'Data Administration' with checkboxes for 'Read', 'Create', 'Edit', 'Delete', 'View All', and 'Modify All'.

Salesforce Setup - Profiles

mvvmutthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w000000P5mH%2Fe%3FretURL%3D%2...

Search Setup

Setup Home Object Manager

Users Profiles

Mass Transfer Approval Requests

Feature Settings Data.com

Prospector Preferences Prospector Users Functions

Marketing Lead Processes

Sales Products Asset Settings Product Schedules Settings

Session Settings

Session Times Out After: 2 hours of inactivity

Session Security Level Required at Login: None

Password Policies

Use passwords expire in: 90 days

Enforce password history: 3 passwords remembered

Minimum password length: 8

Password complexity requirement: Must include alpha and numeric characters

Password question requirement: Cannot contain password

Maximum invalid login attempts: 10

Lockout effective period: 15 minutes

Obscure secret answer for password resets

Requires one day password lifetime

Don't immediately expire links in forgot password emails

Save Save & New Cancel

13:35 ENG 10/04/2023

This screenshot shows the 'Profiles' page in the Salesforce Setup. The left sidebar is collapsed, showing 'Users' and 'Profiles'. The main content area is titled 'Profiles' and contains two sections: 'Session Settings' and 'Password Policies'. 'Session Settings' includes fields for 'Session Times Out After' (set to '2 hours of inactivity') and 'Session Security Level Required at Login' (set to 'None'). 'Password Policies' includes fields for 'Use passwords expire in' (set to '90 days'), 'Enforce password history' (set to '3 passwords remembered'), 'Minimum password length' (set to '8'), 'Password complexity requirement' (set to 'Must include alpha and numeric characters'), 'Password question requirement' (set to 'Cannot contain password'), 'Maximum invalid login attempts' (set to '10'), and 'Lockout effective period' (set to '15 minutes'). Below these sections are buttons for 'Save', 'Save & New', and 'Cancel'.

Driver Manager :

Salesforce Setup - Profiles

mvmutthiagovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w00000P9KA%2Fe%3FretURL%3D%25...

Setup Home Object Manager

SETUP Profiles

Profile Edit Driver Manager

Name: Driver Manager  
User License: Salesforce  
Description:

Custom App Settings

|  | Visible                             | Default               |
|--|-------------------------------------|-----------------------|
| All Tabs (standard__AllTabSet)         | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Analytics Studio (standard__Insights)  | <input checked="" type="checkbox"/> | <input type="radio"/> |
| App Launcher (standard__AppLauncher)   | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Sales Console (standard__SalesConsole) | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Salesforce Chatter (standard__Chatter) | <input checked="" type="checkbox"/> | <input type="radio"/> |

Help for this Page

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Salesforce Setup - Profiles

mvmutthiagovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w00000P9KA%2Fe%3FretURL%3D%25...

Setup Home Object Manager

SETUP Profiles

Service Provider Access

|   | Visible                             | Default               |
|---|-------------------------------------|-----------------------|
| APP Launcher (standard__AppLauncher)                      | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Bolt Solutions (standard__LightningBolt)                  | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Community (standard__Community)                           | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Content (standard__Content)                               | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Data Manager (standard__DataManager)                      | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Digital Experiences (standard__DigitalExperiences)        | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Lightning Usage App (standard__LightningUsageApp)         | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Marketing (standard__Marketing)                           | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Queue Management (standard__QueueManagement)              | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Sales (standard__LightningSales)                          | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Salesforce Scheduler Setup (standard__LightningScheduler) | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Sample Console (standard__LightningConsole)               | <input type="checkbox"/>            | <input type="radio"/> |
| Service (standard__Service)                               | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Service Console (standard__LightningService)              | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Site.com (standard__Sites)                                | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Subscription Management (standard__BusinessCloudConsole)  | <input checked="" type="checkbox"/> | <input type="radio"/> |
| Vehicle Management (Vehicle_Management)                   | <input type="checkbox"/>            | <input type="radio"/> |
| WDC (standard__Work)                                      | <input checked="" type="checkbox"/> | <input type="radio"/> |

Tab Settings

Overwrite users' personal tab customizations

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Salesforce Setup - Profiles

mvmutthiagovernmentartsco48-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w00000P9KA%2Fe%3FretURL%3D%25...

Setup Home Object Manager

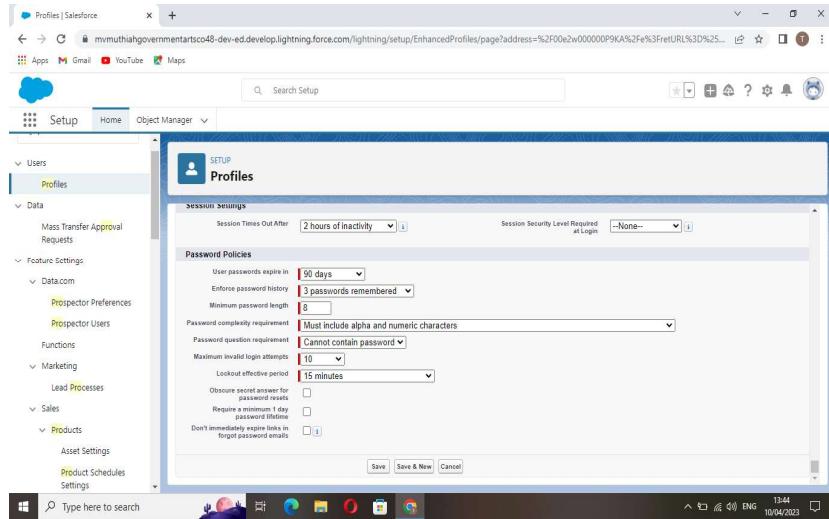
SETUP Profiles

Standard Object Permissions

The permissions defined here control access at the object level. Access to individual records within that object type is controlled by the sharing model. Set access levels based on the functional requirements for the profile. For example, create different groups of permissions for individual contributors, managers, and administrators. [How do I choose?](#)

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

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## 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 "Setup 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

## MILESTONE -6: Users

### Creating a Users:

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

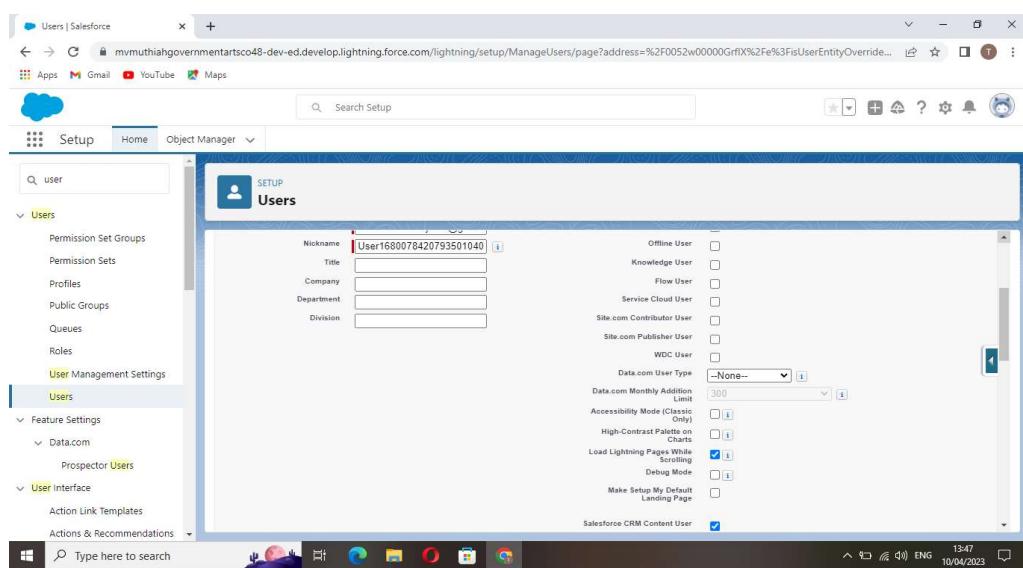
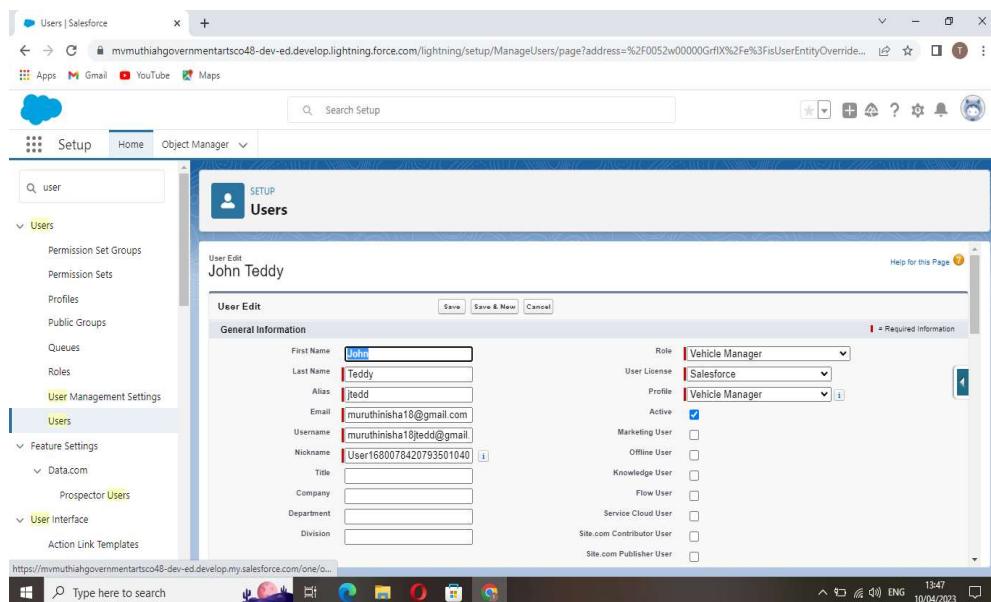
3. Enter the user's name John Teddy and (Your) email address and a unique username in the form of an email address. By default, the username is the same as the email address.

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.



## MILESTONE -7 : Reports

### 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.

### REPORTS :

Recently Viewed | Accounts | Sales

mvmmuthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Account/list?filterName=Recent

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Recently Viewed

4 items • Updated a few seconds ago

|   | Account Name    | Account Site | Phone      | Account Owner Alias |
|---|-----------------|--------------|------------|---------------------|
| 1 | Vehicle Manager |              | 9585659049 | TMuru               |
| 2 | Vehicle Manager |              | 9790174532 | TMuru               |
| 3 | Driver Manager  |              | 6380261475 | TMuru               |
| 4 | Driver Manager  |              | 9360253956 | TMuru               |

English (United Kingdom)  
United Kingdom keyboard  
To switch input methods, press Windows key + Space.

Type here to search

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Recently Viewed | Contacts | Sales

mvmmuthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Contact/list?filterName=Recent

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Recently Viewed

4 items • Updated a few seconds ago

|   | Name               | Account Name    | Account Site | Phone      | Email                     | Contact Owner A... |
|---|--------------------|-----------------|--------------|------------|---------------------------|--------------------|
| 1 | Thinisha Murugesan | Driver Manager  |              | 9790174532 | muruthinisha18@gmail.com  | TMuru              |
| 2 | Nathiya Murugesan  | Vehicle Manager |              | 9790174123 | thinisha10@gmail.com      | TMuru              |
| 3 | Anitha Murugesan   | Driver Manager  |              | 9025173845 | thinisha84@gmail.com      | TMuru              |
| 4 | Sathy Murugesan    | Vehicle Manager |              | 9025173645 | muruthinisha016@gmail.com | TMuru              |

Type here to search

13:50 10/04/2023

Recently Viewed | Opportunities

mvmmuthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Opportunity/list?filterName=Recent

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Recently Viewed

4 items • Updated a few seconds ago

|   | Opportunity Name | Account Name    | Account Site | Stage             | Close Date | Opportunity Ow... |
|---|------------------|-----------------|--------------|-------------------|------------|-------------------|
| 1 | Vehicle Manager  | Vehicle Manager |              | Value Proposition | 25/05/2023 | TMuru             |
| 2 | Driver Manager   | Driver Manager  |              | Value Proposition | 29/05/2023 | TMuru             |
| 3 | Vehicle Manager  | Vehicle Manager |              | Value Proposition | 20/05/2023 | TMuru             |
| 4 | Driver Manager   | Driver Manager  |              | Value Proposition | 27/05/2023 | TMuru             |

Type here to search

13:50 10/04/2023

Recently Viewed | Vehicles | Sales

mvmuttiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Vehicle\_\_c/list?filterName=Recent

Apps Gmail YouTube Maps

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Vehicles Recently Viewed

4 items • Updated a few seconds ago

|   | Vehicle Name |
|---|--------------|
| 1 | Car          |
| 2 | Jeep         |
| 3 | Bike         |
| 4 | Car          |

https://mvmuttiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Vehicle\_\_c/list?filterName=Recent

Type here to search

13:50 ENG 10/04/2023

Recently Viewed | Drivers | Sales

mvmuttiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Driver\_\_c/list?filterName=Recent

Apps Gmail YouTube Maps

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Drivers Recently Viewed

4 items • Updated a few seconds ago

|   | Driver Name |
|---|-------------|
| 1 | Prem Kumar  |
| 2 | Anitha      |
| 3 | Nathiya     |
| 4 | Thinisha    |

https://mvmuttiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Driver\_\_c/list?filterName=Recent

Type here to search

13:51 ENG 10/04/2023

Reports | Salesforce

mvvmuthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mrn

Apps Gmail YouTube Maps

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Reports Recent 3 items

REPORTS

|                                 | Report Name | Description     | Folder             | Created By        | Created On | Subscribed |
|---------------------------------|-------------|-----------------|--------------------|-------------------|------------|------------|
| New Opportunities Report        |             | Private Reports | Thinisha Murugesan | 6/4/2023, 3:24 pm |            |            |
| New Drivers with Vehicle Report |             | Private Reports | Thinisha Murugesan | 6/4/2023, 3:48 pm |            |            |
| New Contacts & Accounts Report  |             | Private Reports | Thinisha Murugesan | 6/4/2023, 3:06 pm |            |            |

Recent by Me Private Reports Public Reports All Reports FOLDERS All Folders Created by Me Shared with Me FAVORITES

https://mvvmuthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Report/home

Type here to search

13:51 ENG 10/04/2023

The screenshot shows the Salesforce Reports page. The top navigation bar includes links for Apps, Gmail, YouTube, and Maps. Below the navigation is a header with tabs for Vehicle Management, Accounts, Contacts, Opportunities, Vehicles, Drivers, Reports (which is currently selected), and Dashboards. A sidebar on the left lists categories like Reports, Recent, Folders, and Favorites. The main content area displays a table of recent reports with columns for Report Name, Description, Folder, Created By, Created On, and Subscribed. The table contains three entries: 'New Opportunities Report', 'New Drivers with Vehicle Report', and 'New Contacts & Accounts Report', all created by Thinisha Murugesan on June 4, 2023.

## DASHBOARDS :

Dashboards | Salesforce

mvvmuthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mrn

Apps Gmail YouTube Maps

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Dashboards Recent 1 item

DASHBOARDS

|                              | Dashboard Name | Description        | Folder             | Created By        | Created On | Subscribed |
|------------------------------|----------------|--------------------|--------------------|-------------------|------------|------------|
| Vehicle and Customer Details |                | Private Dashboards | Thinisha Murugesan | 6/4/2023, 3:53 pm |            |            |

Recent by Me Private Dashboards All Dashboards FOLDERS All Folders Created by Me Shared with Me FAVORITES All Favorites

https://mvvmuthiahgovernmentartsco48-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mrn

Type here to search

13:51 ENG 10/04/2023

The screenshot shows the Salesforce Dashboards page. The top navigation bar includes links for Apps, Gmail, YouTube, and Maps. Below the navigation is a header with tabs for Vehicle Management, Accounts, Contacts, Opportunities, Vehicles, Drivers, Reports, and Dashboards (which is currently selected). A sidebar on the left lists categories like Dashboards, Recent, Folders, and Favorites. The main content area displays a table of recent dashboards with columns for Dashboard Name, Description, Folder, Created By, Created On, and Subscribed. The table contains one entry: 'Vehicle and Customer Details', created by Thinisha Murugesan on June 4, 2023.

**Vehicle and Customer Details**

Last refreshed 4 days ago. Refresh this dashboard to see the latest data.

As of 06-Apr-2023, 3:54 pm Viewing as Thirisha Murugesan

New Opportunities Report

| Opportunity Owner  | Account         | Opportunity     | Stage        | Fiscal  |
|--------------------|-----------------|-----------------|--------------|---------|
| Thirisha Murugesan | Driver Manager  | Driver Manager  | Value Propos | Q2-2023 |
| Thirisha Murugesan | Driver Manager  | Driver Manager  | Value Propos | Q2-2023 |
| Thirisha Murugesan | Vehicle Manager | Vehicle Manager | Value Propos | Q2-2023 |
| Thirisha Murugesan | Vehicle Manager | Vehicle Manager | Value Propos | Q3-2023 |

[View Report \(New Opportunities Report\)](#)

**Vehicle and Customer Details**

Last refreshed 4 days ago. Refresh this dashboard to see the latest data.

As of 06-Apr-2023, 3:54 pm Viewing as Thirisha Murugesan

New Drivers with Vehicle Report

| Driver: Dri- | Vehicle: V- | Vehicle: Cus-    | Vehicle: Cust- | Vehicle: -    |
|--------------|-------------|------------------|----------------|---------------|
| Anitha       | Bike        | Nathiya          |                | 9g 2-wheeler  |
| Nathiya      | Jeep        | Prem Kumar       |                | 6g 4-wheeler  |
| Prem Kumar   | Car         | Thirisha         |                | 10g 4-wheeler |
| Thirisha     | Car         | Thennarasu Pandi |                | 10g 4-wheeler |

[View Report \(New Drivers with Vehicle Report\)](#)

#### 4. Trailhead Profile public URL:

Team Lead : Thirisha.M (<https://trailblazer.me/id/tmurugesan4>)

Team Member 1:Tamilselvi.V

Team Member 2:Thirisha.M

Team Member 3:Veeramani.B

#### 5. ADVANTAGES &DISADVANTAGE

## Advantages :

- It improve productivity by saving delivery time due to use of advantage route information, traffic cost of fuel
- It helps to reduce cost of fuel.
- It ensure safety of vehicle ,driver and goods.
- It helps in saving of maintenance costs by maintaining fleet effectively
- It provides real time location of fleets and serves the customer in better way.

## Disadvantage :

- Active tracking based fleet management requires monthly subscription charges and data usages.
- It is difficult to manage and maintain fleet management system due to use of multiple technologies such as cloud servers , fleet management software etc.
- It requires skilled resources to maintain such system .This increases maintenance costs.
- GPS device used in fleet management is power hungry which drains battery faster.
- 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.

## APPLICATION :

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:**

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 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 within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

## **8. FUTURE SCOPE:**

A vehicle tracking system uses cellular networks or the global positioning system (GPS) to track and monitor the activity of vehicles. It includes remotely tracking and monitoring vehicles, diagnosing vehicles, managing fuel, optimizing routes, managing drivers, and managing safety. The GPS, GSM/GPRS, digital maps, and specialized software used in the vehicle tracking systems form a closed loop.

