

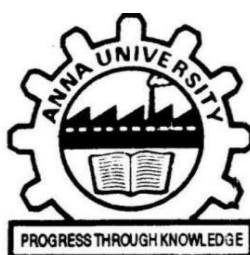
**UNIVERSITY COLLEGE OF ENGINEERING NAGERCOIL**  
**NAAN MUDHALVAN PROJECT REPORT**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**TOPIC : VEHICLE MANAGEMENT SYSTEM**

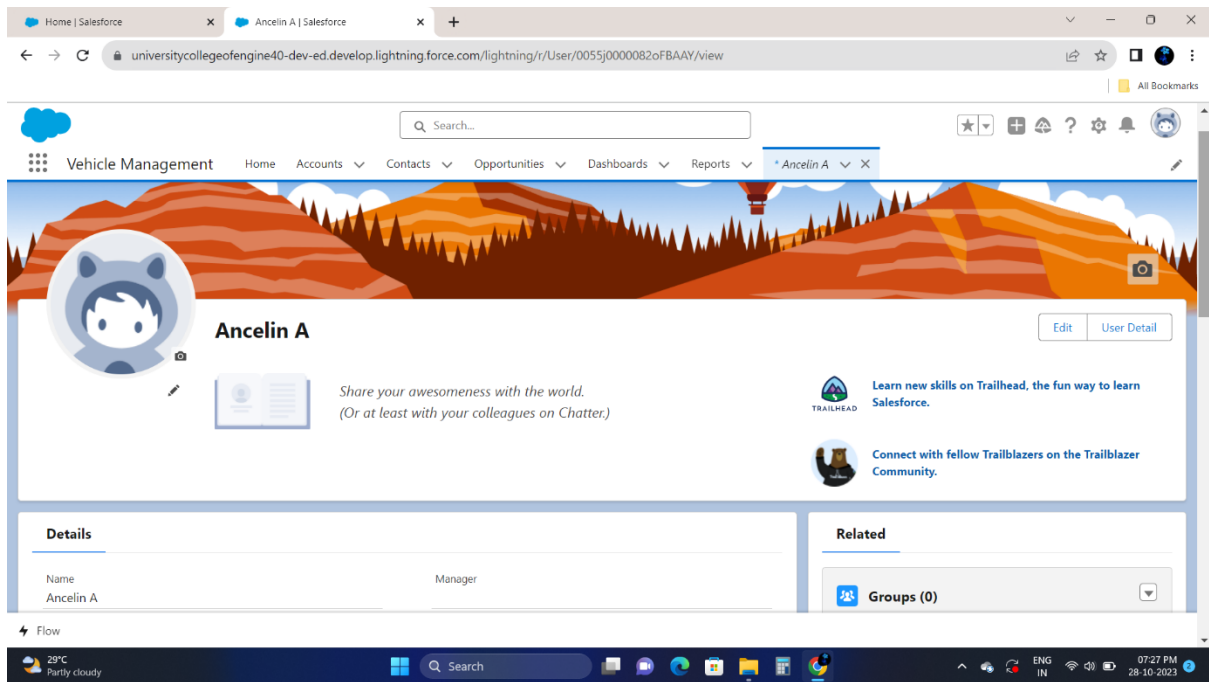
*Submitted by*

<b>TEAM MEMBERS</b>	<b>NM ID</b>	<b>REG NO</b>
ANCELIN A	44EC8659F2686BCAD1F443EF3DE0CFAE	962820114005
JEYARAJ M	97B23162D22D53D91B247C7B8FA0CCC4	962820114018
MAHESH R	3D5204EF0C731D585354C7D59C0A8964	962820114023
MATTHEW HAYDAN J	2583F8629A51D4FA87245D7F0D58F442	962820114024
SRIPRIYADHARSHINI M	59B0C9077B7E21A8DCD4062FAD9570BD	962820114036



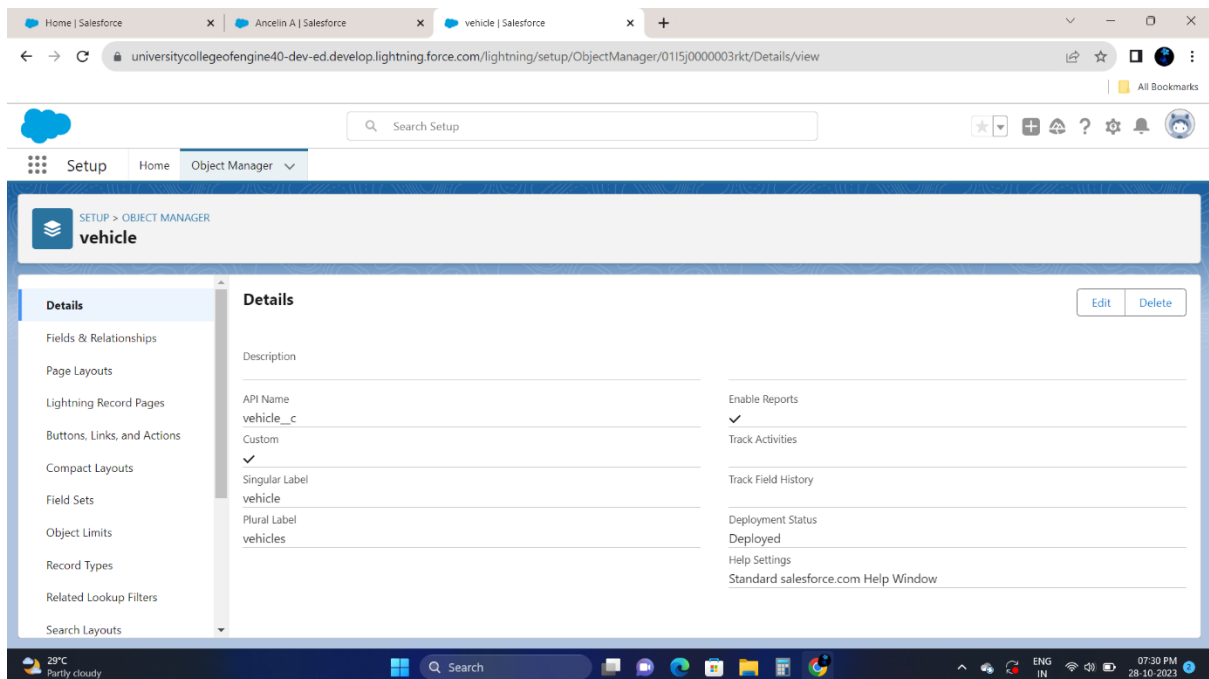
**ANNA UNIVERSITY: CHENNAI 600 025**

# STEP 1: Creation of Salesforce Org



## STEP 2: Creation of object

### 1) Vehicle object



## 2) Driver object

The screenshot shows the Salesforce Object Manager interface for the 'Driver' object. The browser tabs include 'Home | Salesforce', 'Ancelin A | Salesforce', and 'Driver | Salesforce'. The URL is 'universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115j0000003rIS/Details/view'. The search bar contains 'driver'. The left sidebar shows the 'Details' section selected, with a list of configuration options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area displays the 'Details' for the 'Driver' object, including the API Name 'Driver\_\_c', Custom checkbox checked, Singular Label 'Driver', Plural Label 'Drivers', and various settings like 'Enable Reports' (checked), 'Track Activities', 'Track Field History', 'Deployment Status' (Deployed), and 'Help Settings' (Standard salesforce.com Help Window). The bottom status bar shows '29°C Partly cloudy' and the time '07:31 PM 28-10-2023'.

## 3) Traveler object

The screenshot shows the Salesforce Object Manager interface for the 'Traveler' object. The browser tabs include 'Home | Salesforce', 'Ancelin A | Salesforce', and 'Traveler | Salesforce'. The URL is 'universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115j0000003rIX/Details/view'. The search bar contains 'trave'. The left sidebar shows the 'Details' section selected, with a list of configuration options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area displays the 'Details' for the 'Traveler' object, including the API Name 'Traveler\_\_c', Custom checkbox checked, Singular Label 'Traveler', Plural Label 'Travelers', and various settings like 'Enable Reports' (checked), 'Track Activities', 'Track Field History', 'Deployment Status' (Deployed), and 'Help Settings' (Standard salesforce.com Help Window). The bottom status bar shows '29°C Partly cloudy' and the time '07:30 PM 28-10-2023'.

## STEP 3: Fields and Relationships

### 1) Fields in vehicle object

The screenshot shows the Salesforce Object Manager interface for the 'vehicle' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows 16 items sorted by Field Label. The table below lists the fields:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2 WHEELERS	X2_wheeler__c	Picklist	vehicle type	
4WHEELERS	X4WHEELERS__c	Picklist	vehicle type	
Body type	Body_type__c	Text(20)		
Chasis No	Chasis_No__c	Text(30)		
colour	colour__c	Text(20)		
Condition	Condition__c	Picklist		
Created By	CreatedById	Lookup(User)		

This screenshot continues the list of fields for the 'vehicle' object. The table below lists the remaining fields:

Mileage	Mileage__c	Text(3)		
Owner	OwnerId	Lookup(User,Group)		✓
Seats	Seats__c	Number(2, 0)		
vehicle includes	vehicle_includes__c	Picklist (Multi-Select)		
vehicle Name	Name	Text(80)		✓
vehicle type	vehicle_type__c	Picklist		
vehicleNo	vehicleNo__c	Text(20)		

## 2) Fields in driver object

The screenshot shows the Salesforce Setup interface for the 'Driver' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows 8 items, sorted by Field Label. The fields are listed in a table with columns for Field Label, Field Name, and Data Type. The fields are: Created By (Lookup(User)), Driver Name (Text(80)), Fair Per Hour (Text(10)), Last Modified By (Lookup(User)), License No (Text(30)), Mobile No (Phone), Owner (Lookup(User,Group)), and vehicle (Lookup(vehicle)).

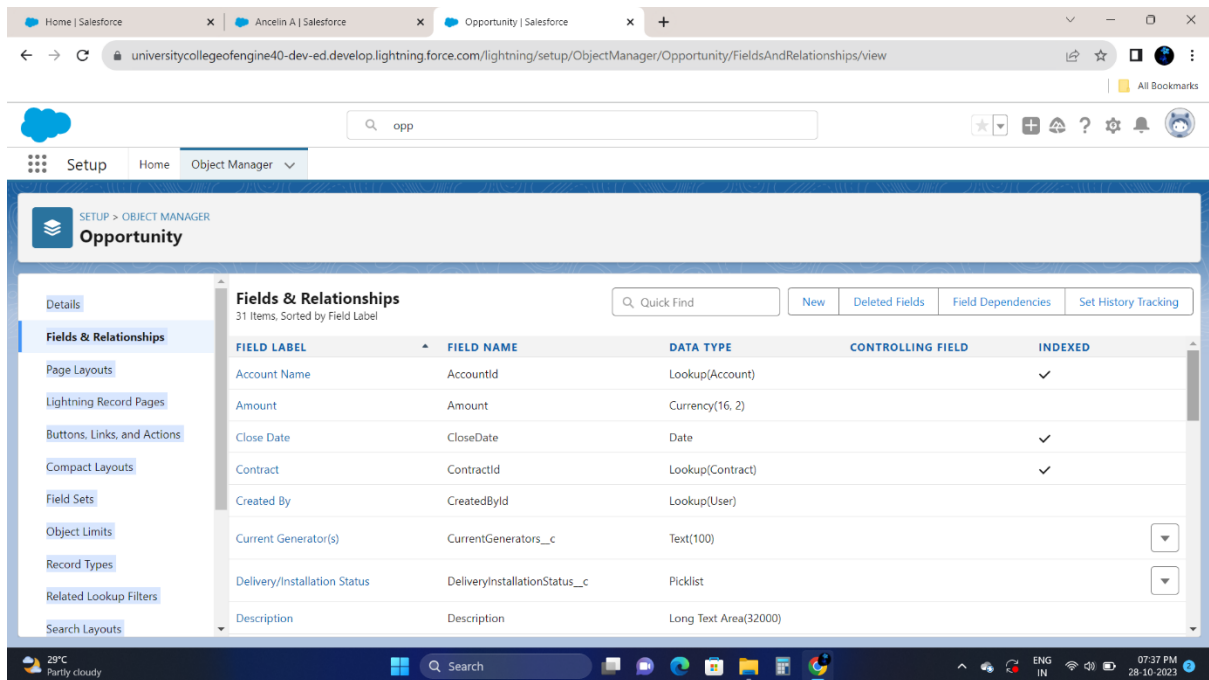
Field Label	Field Name	Data Type
Created By	CreatedById	Lookup(User)
Driver Name	Name	Text(80)
Fair Per Hour	Fair_Per_Hour__c	Text(10)
Last Modified By	LastModifiedById	Lookup(User)
License No	License_No__c	Text(30)
Mobile No	Mobile_No__c	Phone
Owner	OwnerId	Lookup(User,Group)
vehicle	vehicle__c	Lookup(vehicle)

## 3) Fields in traveler object

The screenshot shows the Salesforce Setup interface for the 'Traveler' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows 6 items, sorted by Field Label. The fields are listed in a table with columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields are: Created By (Lookup(User)), Last Modified By (Lookup(User)), Owner (Lookup(User,Group)), Traveler Contact No (Phone), Traveler Email (Email), and Traveler Name (Text(80)).

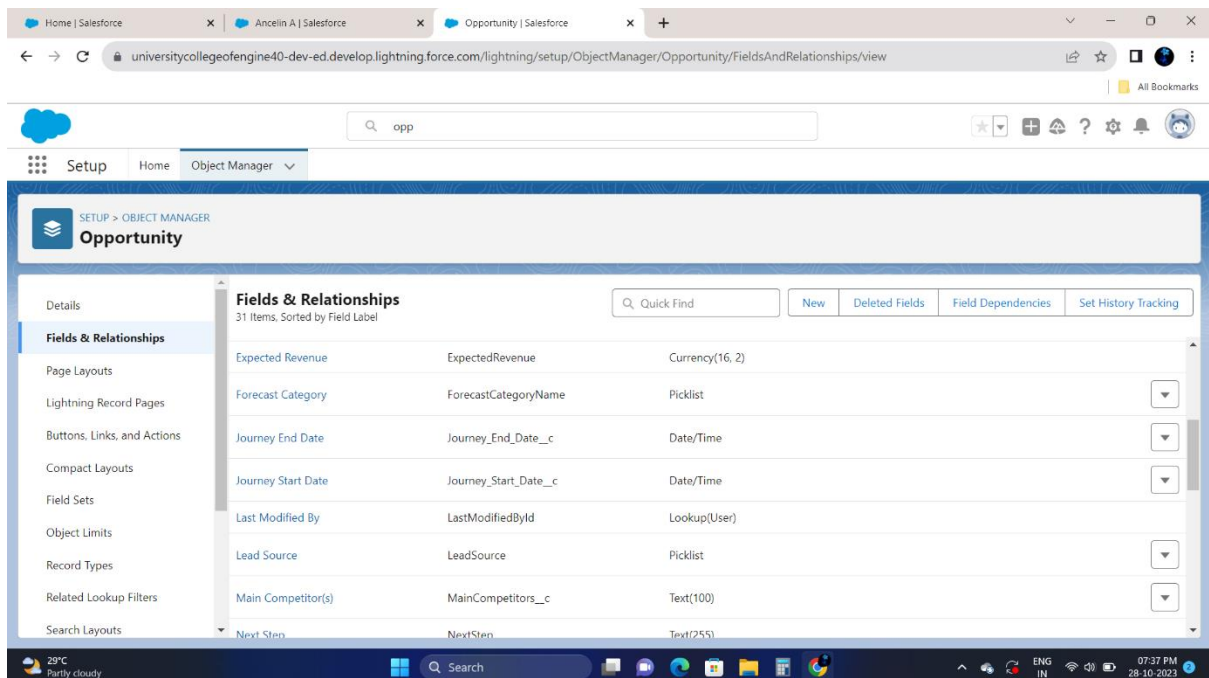
Field Label	Field Name	Data Type	Controlling Field	Indexed
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Traveler Contact No	Traveler_Contact_No__c	Phone		
Traveler Email	Traveler_Email__c	Email		
Traveler Name	Name	Text(80)		✓

## 4) Fields in opportunity object



This screenshot shows the Salesforce Opportunity Fields & Relationships page. The left sidebar contains navigation links: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area displays a table of 31 fields, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Account Name (Lookup(Account), indexed), Amount (Currency(16, 2)), Close Date (Date, indexed), Contract (Lookup(Contract), indexed), Created By (Lookup(User)), Current Generator(s) (Text(100)), Delivery/Installation Status (Picklist), and Description (Long Text Area(32000)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Account Name	AccountId	Lookup(Account)		✓
Amount	Amount	Currency(16, 2)		
Close Date	CloseDate	Date		✓
Contract	ContractId	Lookup(Contract)		✓
Created By	CreatedById	Lookup(User)		
Current Generator(s)	CurrentGenerators_c	Text(100)		
Delivery/Installation Status	DeliveryInstallationStatus_c	Picklist		
Description	Description	Long Text Area(32000)		



This screenshot continues the view of the Salesforce Opportunity Fields & Relationships page, showing the next set of fields in the table. The fields listed are: Expected Revenue (Currency(16, 2)), Forecast Category (Picklist), Journey End Date (Date/Time), Journey Start Date (Date/Time), Last Modified By (Lookup(User)), Lead Source (Picklist), Main Competitor(s) (Text(100)), and Next Step (Text(255)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Expected Revenue	ExpectedRevenue	Currency(16, 2)		
Forecast Category	ForecastCategoryName	Picklist		
Journey End Date	Journey_End_Date_c	Date/Time		
Journey Start Date	Journey_Start_Date_c	Date/Time		
Last Modified By	LastModifiedById	Lookup(User)		
Lead Source	LeadSource	Picklist		
Main Competitor(s)	MainCompetitors_c	Text(100)		
Next Step	NextStep	Text(255)		

Home | Salesforce x Ancelin A | Salesforce x Opportunity | Salesforce x +

← → ↺ universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/Opportunity/FieldsAndRelationships/view

🔍 opp

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**Opportunity**

Details

**Fields & Relationships**

31 Items. Sorted by Field Label

🔍 Quick Find

New Deleted Fields Field Dependencies Set History Tracking

Opportunity Name	Name	Text(120)	✓
Opportunity Owner	OwnerId	Lookup(User)	✓
Opportunity Score	lqScore	Number(9, 0)	
Order Number	OrderNumber_c	Text(8)	
Price Book	Pricebook2Id	Lookup(Price Book)	✓
Primary Campaign Source	CampaignId	Lookup(Campaign)	✓
Private	IsPrivate	Checkbox	
Probability (%)	Probability	Percent(3, 0)	
Quantity	TotalOpportunityQuantity	Number(16, 2)	

29°C Partly cloudy

🔍 Search

ENG IN 07:37 PM 28-10-2023

## STEP 4: Page Layout Setup

Home | Salesforce x Ancelin A | Salesforce x Opportunity | Salesforce x +

← → ↺ universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/Opportunity/PageLayouts/00h5j00000K1HFAAAV/view

🔍 opp

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**Opportunity**

Details

Fields & Relationships

**Page Layouts**

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

**Opportunity Layout**

Custom Console Components Mini Page Layout Mini Console View Video Tutorial Help for this Page

Save Quick Save Preview As... Cancel Undo Redo Layout Properties

🔍 Quick Find Field Name

Section	Close Date	Delivery/Installa...	Journey End Date	Main Competitor(s)	Order Number	Probability (%)	Tota
Blank Space	Contract	Description	Journey Start Date	Next Step	Price Book	Quantity	Trac
Account Name	Created By	Expected Revenue	Last Modified By	Opportunity Name	Primary Campaign ...	Route	Type
Amount	Current Generator(s)	Forecast Category	Lead Source	Opportunity Owner	Private	Stage	vehi

Opportunity Sample

**Highlights Panel**

Customize the highlights panel for this page layout.

**Quick Actions in the Salesforce Classic**

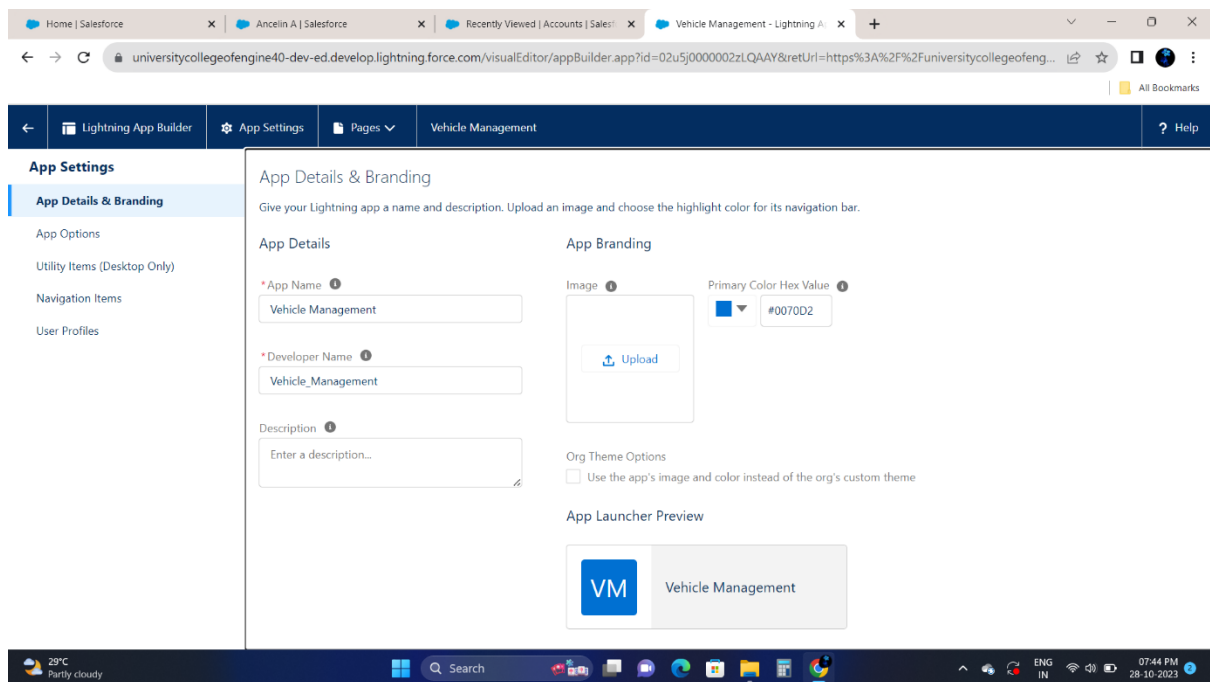
**Publisher**

29°C Partly cloudy

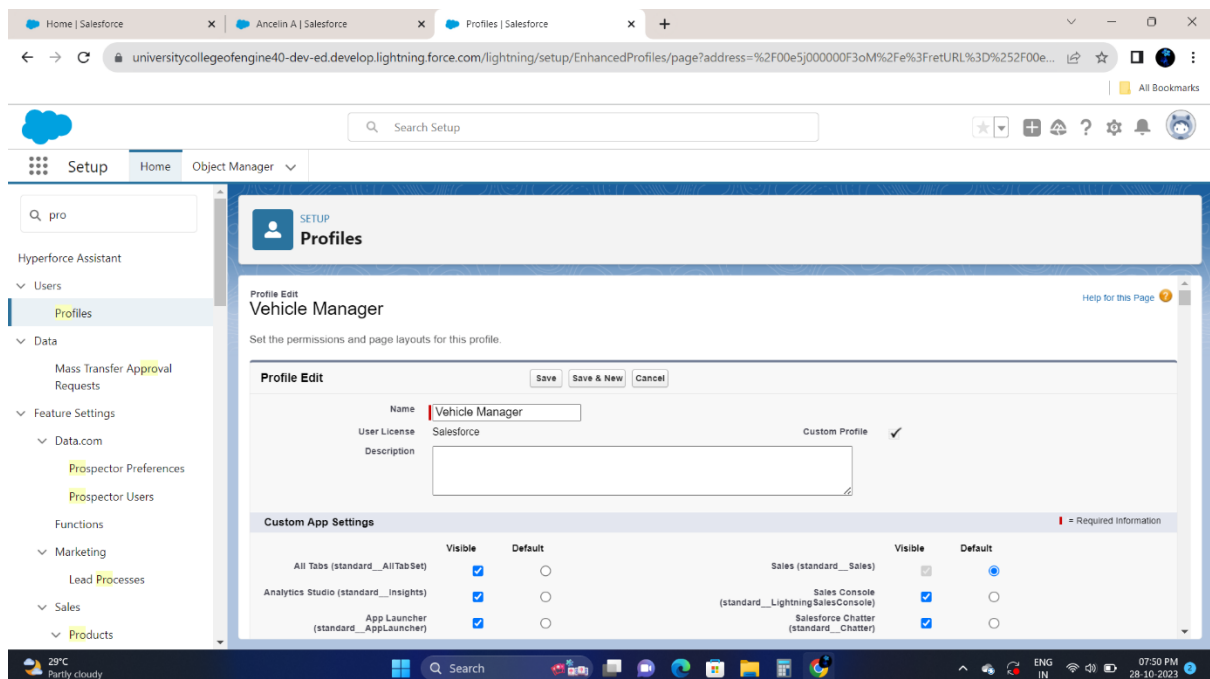
🔍 Search

ENG IN 07:40 PM 28-10-2023

## STEP 5: Creation of Vehicle Management App



## STEP 6: Creation of Profile





## STEP 6: Creation of Users

The screenshot shows the Salesforce Setup interface for user management. The left sidebar contains a search bar with 'user' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Feature Settings, Data.com, Prospector Users, Service, and Embedded Service. The main content area is titled 'Users' and displays the details for 'John Teddy J'. The user's email is 'ancelin3210@gmail.com' and the username is 'john32@gmail.com'. The role is 'Vehicle Manager' and the profile is 'Vehicle Manager'. The user is active. The 'User Detail' section includes fields for Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. The 'Role' and 'Profile' sections show the assigned role and profile. The 'Marketing User' checkbox is checked. The 'Offline User', 'Knowledge User', 'Flow User', 'Service Cloud User', 'Site.com Contributor User', 'Site.com Publisher User', and 'WDC User' checkboxes are unchecked.

User Detail	
Name	John Teddy J
Alias	ji
Email	ancelin3210@gmail.com [Verified]
Username	john32@gmail.com
Nickname	User19978700015455381532
Title	
Company	
Department	
Division	
Address	
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale	English (India)
Role	Vehicle Manager
User License	Salesforce
Profile	Vehicle Manager
Active	<input checked="" type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>

The screenshot shows the Salesforce Setup interface for user management. The left sidebar contains a search bar with 'user' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Feature Settings, Data.com, Prospector Users, Service, and Embedded Service. The main content area is titled 'Users' and displays the details for 'Raju R'. The user's email is 'ancelin3210@gmail.com' and the username is 'raju12@30.com'. The role is 'Operator 2' and the profile is 'Standard Platform User'. The user is active. The 'User Detail' section includes fields for Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. The 'Role' and 'Profile' sections show the assigned role and profile. The 'Marketing User' checkbox is checked. The 'Offline User', 'Knowledge User', 'Flow User', 'Service Cloud User', 'Site.com Contributor User', 'Site.com Publisher User', and 'WDC User' checkboxes are unchecked.

User Detail	
Name	Raju R
Alias	rr
Email	ancelin3210@gmail.com [Verify]
Username	raju12@30.com
Nickname	User19978782184121090712
Title	
Company	
Department	
Division	
Address	
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale	English (India)
Role	Operator 2
User License	Salesforce Platform
Profile	Standard Platform User
Active	<input checked="" type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>

Users | Salesforce

universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0055j0000083dM%3Fnoedirect%3D1%26isUse...

Search Setup

Setup Home Object Manager

user

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

Service

Embedded Service

Messaging for In-App

32°C Mostly cloudy

Search

ENG IN

01:34 PM 31-10-2023

### SETUP Users

User Profile Help for this Page

User Ramu R

Permission Set Assignments (0) | Permission Set Assignments Activation Required (0) | Permission Set Group Assignments (0) | Permission Set License Assignments (0) | Personal Groups (0) | Public Group Membership (0) | Queue Membership (0) | Team (0) | Managers in the Role Hierarchy (1) | OAuth Apps (0) | Third-Party Account Links (0) | Installed Mobile Apps (0) | Authentication Settings for External Systems (0) | Login History (0+) | User Provisioning Accounts (0)

User Detail

Edit Sharing Reset Password Freeze

Name	Ramu R	Role	Operator 1
Alias	rr	User License	Salesforce Integration
Email	ancelin3210@gmail.com [Verify]	Profile	Salesforce API Only System Integrations
Username	ramur12@32.com	Active	<input checked="" type="checkbox"/>
Nickname	User1697878179700347768	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (India)	WDC User	<input type="checkbox"/>

## STEP 7: Creation of Reports

Reports | Salesforce

universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mru

Search...

Vehicle Management Home Accounts Contacts Opportunities Dashboards Reports

### Reports

Recent 3 items

Search recent reports... New Report New Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Contacts & Accounts Report		Private Reports	Ancelin A	21/10/2023, 2:49 pm	<input type="checkbox"/>
Created by Me	Opportunity Stages		Private Reports	Ancelin A	7/10/2023, 10:13 pm	<input type="checkbox"/>
Private Reports	New vehicles Report		Private Reports	Ancelin A	21/10/2023, 2:51 pm	<input type="checkbox"/>
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						

Flow

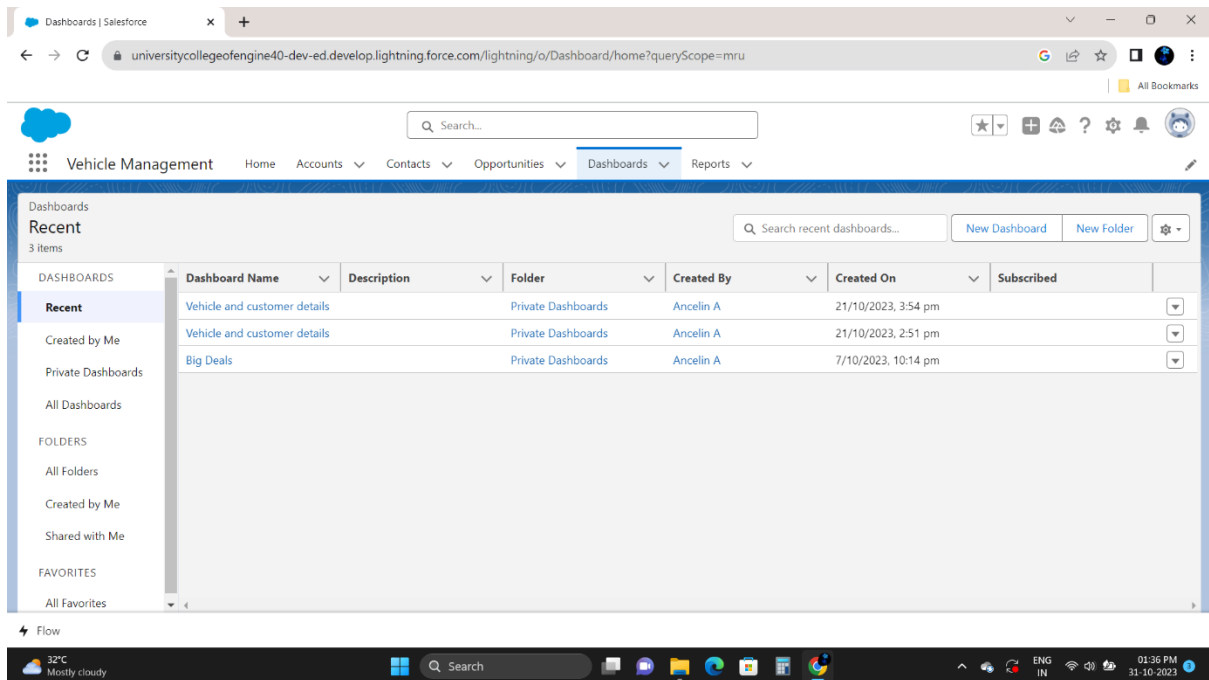
32°C Mostly cloudy

Search

ENG IN

01:36 PM 31-10-2023

## STEP 8: Creation of Dashboards

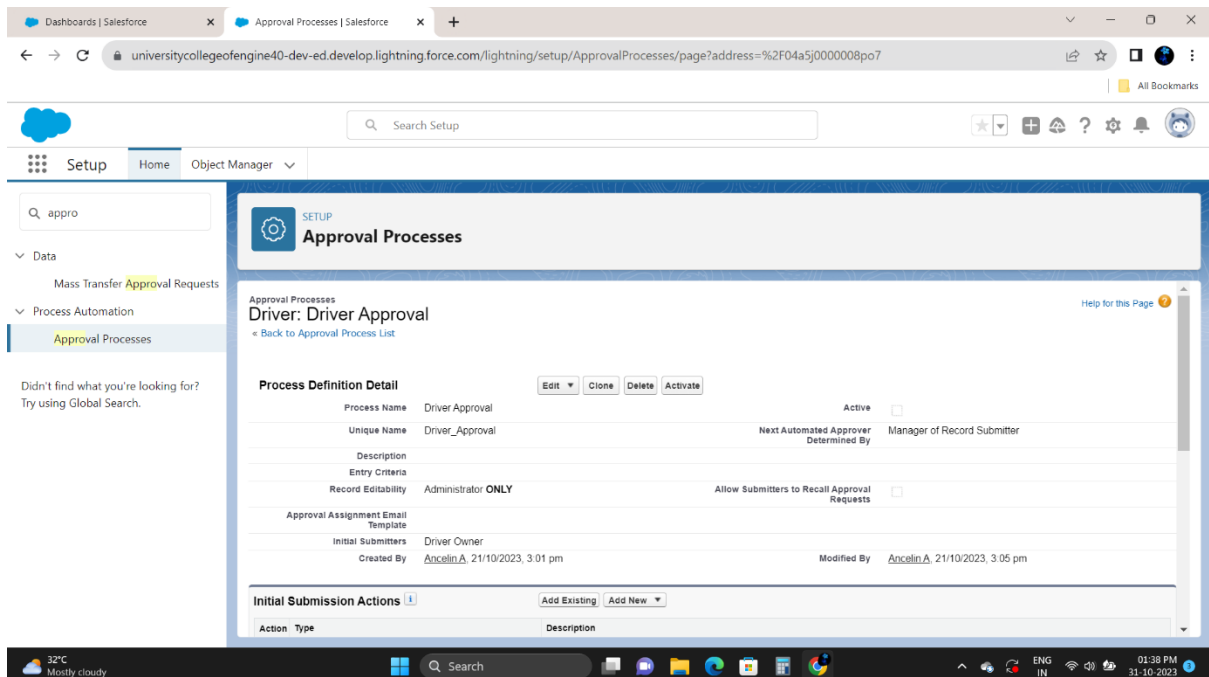


The screenshot shows the Salesforce Dashboards page. The browser address bar displays the URL: `universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mrui`. The page header includes the Salesforce logo, a search bar, and navigation tabs: Home, Accounts, Contacts, Opportunities, Dashboards (selected), and Reports. The main content area is titled "Dashboards" and shows a "Recent" section with 3 items. A table lists the recent dashboards:

DASHBOARD	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Vehicle and customer details		Private Dashboards	Ancelin A	21/10/2023, 3:54 pm	
Created by Me	Vehicle and customer details		Private Dashboards	Ancelin A	21/10/2023, 2:51 pm	
Private Dashboards	Big Deals		Private Dashboards	Ancelin A	7/10/2023, 10:14 pm	

The left sidebar contains navigation options: DASHBOARDS, FOLDERS, and FAVORITES. The bottom of the page shows a Windows taskbar with the date and time: 01:36 PM, 31-10-2023.

## STEP 9: Creation of Approval Process

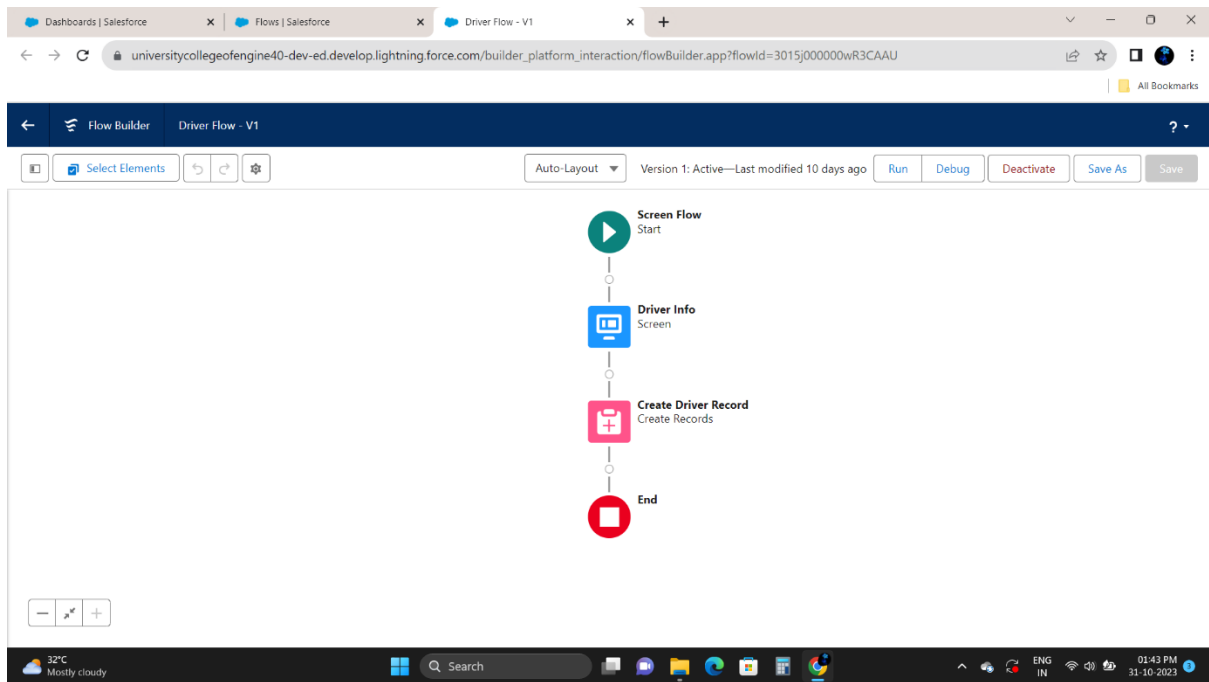


The screenshot shows the Salesforce Setup page for Approval Processes. The browser address bar displays the URL: `universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/setup/ApprovalProcesses/page?address=%2F04a5j0000008po7`. The page header includes the Salesforce logo, a search bar, and navigation tabs: Setup (selected), Home, and Object Manager. The main content area is titled "Approval Processes" and shows the configuration for the "Driver: Driver Approval" process. The "Process Definition Detail" section includes the following information:

Field	Value
Process Name	Driver Approval
Unique Name	Driver_Approval
Description	
Entry Criteria	
Record Editability	Administrator ONLY
Approval Assignment Email Template	
Initial Submitters	Driver Owner
Created By	Ancelin A, 21/10/2023, 3:01 pm
Modified By	Ancelin A, 21/10/2023, 3:05 pm

The "Initial Submission Actions" section is also visible, showing a table with columns for Action, Type, and Description. The bottom of the page shows a Windows taskbar with the date and time: 01:38 PM, 31-10-2023.

## STEP 10: Creation of Screen Flow



## STEP 11: App Page Settings

The screenshot shows the Salesforce Lightning App Builder interface for the 'Vehicle Management' app. The 'App Settings' section is active, specifically the 'App Details & Branding' sub-section. The interface is divided into two main columns: 'App Details' and 'App Branding'.

**App Details:**

- \*App Name**: A text field containing 'Vehicle Management'.
- \*Developer Name**: A text field containing 'Vehicle\_Management'.
- Description**: A text area with the placeholder 'Enter a description...'.

**App Branding:**

- Image**: A placeholder for the app's image, with an 'Upload' button.
- Primary Color Hex Value**: A text field containing '#0070D2'.
- Org Theme Options**: A checkbox labeled 'Use the app's image and color instead of the org's custom theme', which is currently unchecked.

**App Launcher Preview:**

At the bottom, there is a preview of the app launcher, showing a blue square icon with the letters 'VM' and the text 'Vehicle Management' next to it.