

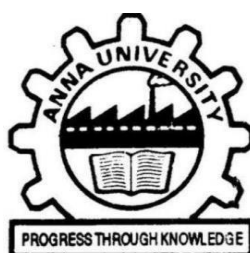
UNIVERSITY COLLEGE OF ENGINEERING NAGERCOIL
NAAN MUDHALVAN PROJECT REPORT

DEPARTMENT OF MECHANICAL ENGINEERING

TOPIC : VEHICLE MANAGEMENT SYSTEM

Submitted by

TEAM MEMBERS	NM ID	REG NO
CHENTHIL KUMAR B	4FBDD8FB8BFB2E0937D4933ABAF6EB77	962820114010
AKASH M	DB48DB3733F8A41BC3D4AE3B168B6694	962820114704
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ANNA UNIVERSITY: CHENNAI 600 025

STEP 1: Creation of Salesforce Org

The screenshot shows a Salesforce user profile for 'CHENTHIL KUMAR B'. The profile includes a profile picture of a blue cat-like character, a banner image of a mountain landscape with a hot air balloon, and a bio that reads: 'Share your awesomeness with the world. (Or at least with your colleagues on Chatter.)'. The 'Details' section shows the user's name as 'CHENTHIL KUMAR B', title as 'Manager', company name as 'University College of Engineering Nagercoil', and a manager field. The 'Related' section shows 'Groups (0)'. The user is logged in as 'CHENTHIL KUMAR B'.

STEP 2: Creation of object

1) Vehicle object

The screenshot shows the Salesforce Object Manager page for the 'vehicle' object. The page is titled 'SETUP > OBJECT MANAGER vehicle'. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Restriction Rules. The 'Details' section is selected, showing the following configuration: Description (empty), API Name (vehicle__c), Custom (checked), Singular Label (vehicle), Plural Label (vehicles), Enable Reports (checked), Track Activities (checked), Track Field History (checked), Deployment Status (Deployed), Help Settings (Standard salesforce.com Help Window), and a 'Delete' button.

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/0115j0000003rlS/Details/view'. The search bar contains 'driver'. The left sidebar shows the 'Details' section selected, with a list of 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 fields like API Name (Driver__c), Singular Label (Driver), Plural Label (Drivers), and various settings like Enable Reports (checked), Track Activities (checked), Track Field History, Deployment Status (Deployed), and Help Settings (Standard salesforce.com Help Window). The bottom of the screen shows a Windows taskbar with a search bar and system icons.

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/0115j0000003rlX/Details/view'. The search bar contains 'trave'. The left sidebar shows the 'Details' section selected, with a list of 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 fields like API Name (Traveler__c), Singular Label (Traveler), Plural Label (Travelers), and various settings like Enable Reports (checked), Track Activities (checked), Track Field History, Deployment Status (Deployed), and Help Settings (Standard salesforce.com Help Window). The bottom of the screen shows a Windows taskbar with a search bar and system icons.

STEP 3: Fields and Relationships

1) Fields in vehicle object

The screenshot shows the Salesforce Object Manager interface for the 'vehicle' object. The 'Fields & Relationships' tab is selected, displaying a list of 16 fields sorted by Field Label. The fields are as follows:

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)		

The screenshot shows the same Salesforce Object Manager interface for the 'vehicle' object, but scrolled down to show additional fields. The fields are as follows:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
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 Object Manager 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 (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)), and vehicle (vehicle__c, 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 Object Manager 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 (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), and Traveler Name (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

The screenshot shows the Salesforce interface for the Opportunity object. 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 is titled 'Fields & Relationships' and shows 31 items, sorted by Field Label. The table below lists the first 10 fields.

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)		

The screenshot shows the same Salesforce interface, but the table is scrolled down to show the last 10 fields.

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

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 28-10-2023 07:37 PM

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/00h5j00000K1HfAAAw/view

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

Fields Section Contract Description Delivery/Install... Journey End Date Main Competitor(s) Order Number Probability (%) Total

Blank Space Account Name Created By Expected Revenue Journey Start Date Next Step Price Book Quantity Trac

Amount Current Generator(s) Forecast Category Lead Source Opportunity Name Primary Campaign ... Route Type

Expanded Lookups Related Links

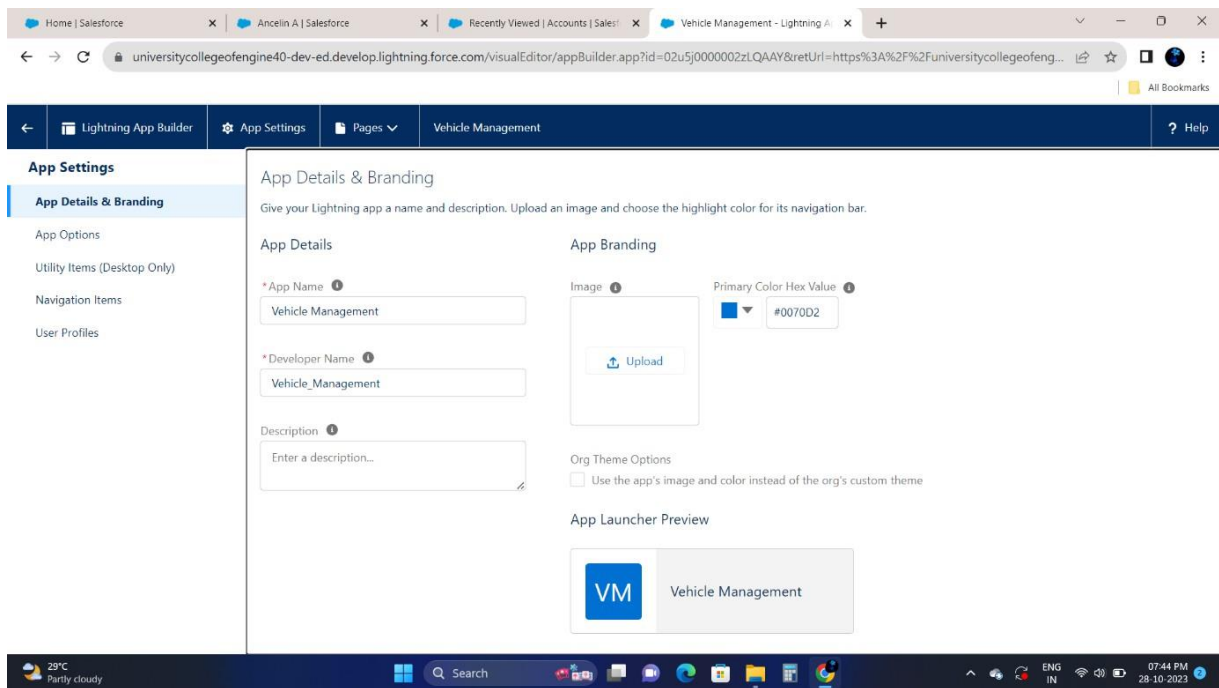
Opportunity Sample

Highlights Panel Customize the highlights panel for this page layout...

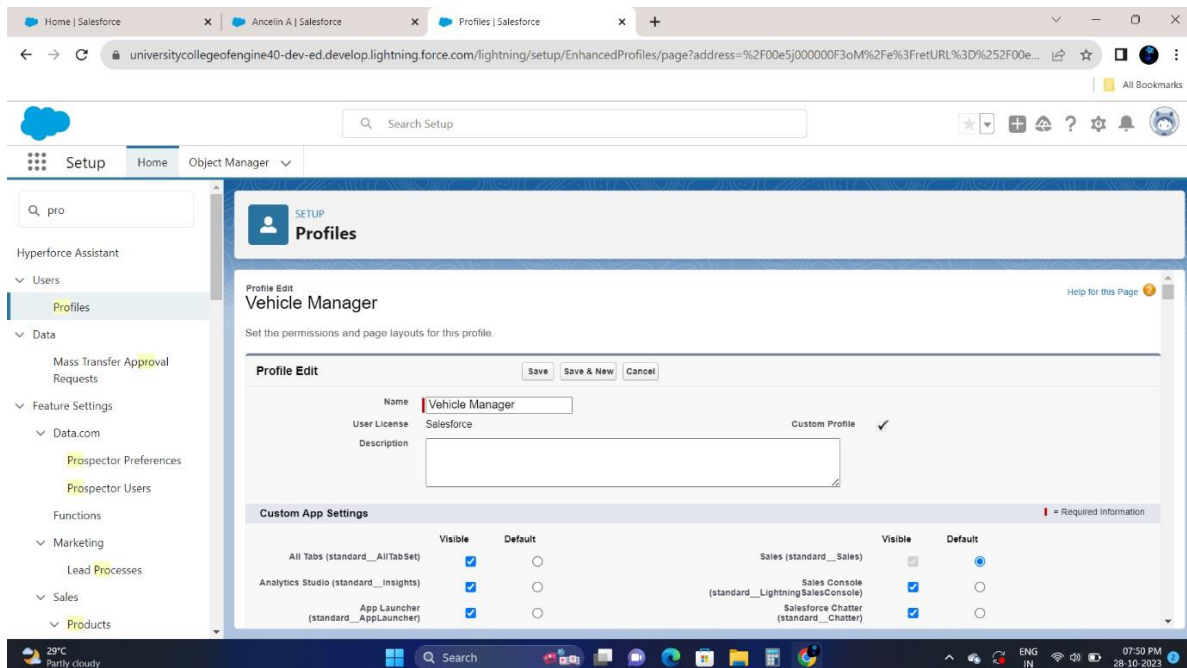
Quick Actions in the Salesforce Classic Publisher

29°C Partly cloudy 28-10-2023 07:40 PM

STEP 5: Creation of Vehicle Management App



STEP 6: Creation of Profile



STEP 6: Creation of Users

The screenshot shows the Salesforce Setup page for a user named John Teddy J. The left sidebar contains a navigation menu with options like Permission Set Groups, Profiles, Public Groups, Queues, Roles, and User Management Settings. The main content area displays the user's details, including Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. The user is assigned the role of Vehicle Manager and has the Salesforce license. The user is active and has a profile of Vehicle Manager. The user is also assigned the Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, and WDC User roles.

User Detail

Field	Value	Field	Value
Name	John Teddy J	Role	Vehicle Manager
Alias	j	User License	Salesforce
Email	ancelin3210@gmail.com [Verified]	Profile	Vehicle Manager
Username	john32@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User16978700015455381532	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"/>

The screenshot shows the Salesforce Setup page for a user named Raju R. The left sidebar contains a navigation menu with options like Permission Set Groups, Profiles, Public Groups, Queues, Roles, and User Management Settings. The main content area displays the user's details, including Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. The user is assigned the role of Operator 2 and has the Salesforce Platform license. The user is active and has a profile of Standard Platform User. The user is also assigned the Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, and WDC User roles.

User Detail

Field	Value	Field	Value
Name	Raju R	Role	Operator 2
Alias	rr	User License	Salesforce Platform
Email	ancelin3210@gmail.com [Verify]	Profile	Standard Platform User
Username	raju12@30.com	Active	<input checked="" type="checkbox"/>
Nickname	User16978782184121090712	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"/>

Users | Salesforce

universitycollegeofengine40-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0055j0000083dMI%3FnoRedirect%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

User Setup Users

User Profile Help for this Page

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"/>

32°C Mostly cloudy

Search

ENG IN

01:34 PM 31-10-2023

STEP 7: Creation of Reports

Reports | Salesforce

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

Search...

Vehicle Management Home Accounts Contacts Opportunities Dashboards Reports

Reports

Recent 3 items

Search recent reports... New Report New Folder

Report Name	Description	Folder	Created By	Created On	Subscribed
New Contacts & Accounts Report		Private Reports	Ancelin A	21/10/2023, 2:49 pm	<input type="checkbox"/>
Opportunity Stages		Private Reports	Ancelin A	7/10/2023, 10:13 pm	<input type="checkbox"/>
New vehicles Report		Private Reports	Ancelin A	21/10/2023, 2:51 pm	<input type="checkbox"/>

REPORTS

Recent

Created by Me

Private Reports

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

Flow

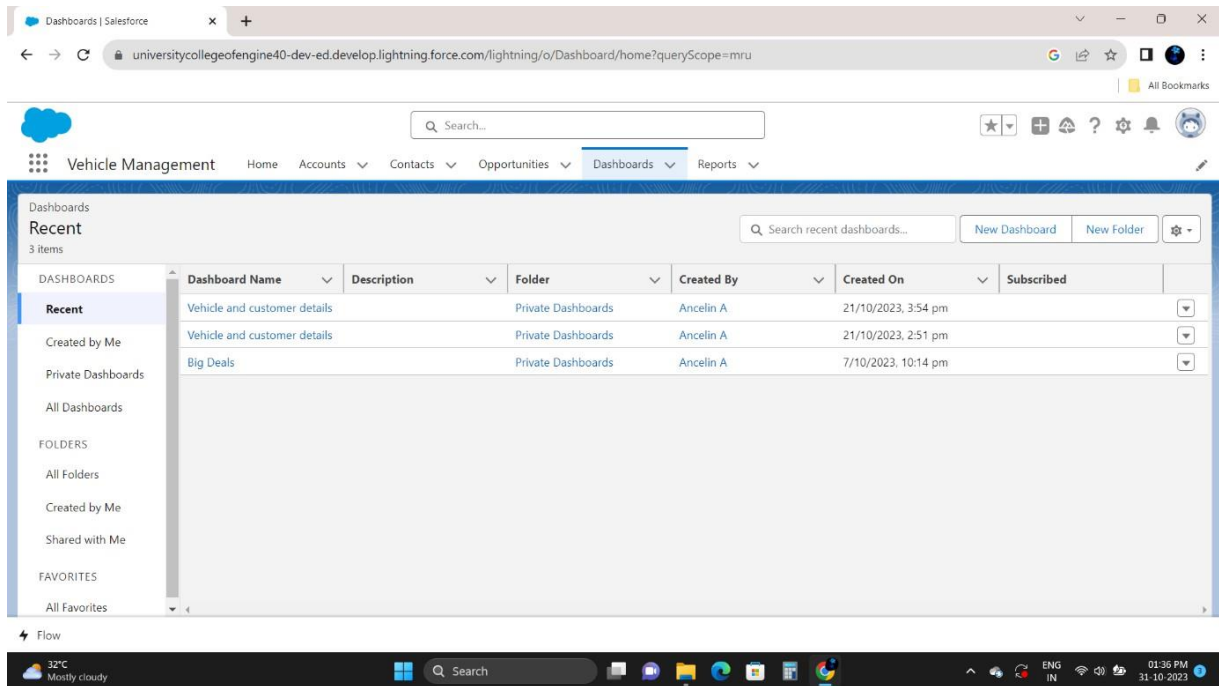
32°C Mostly cloudy

Search

ENG IN

01:36 PM 31-10-2023

STEP 8: Creation of Dashboards

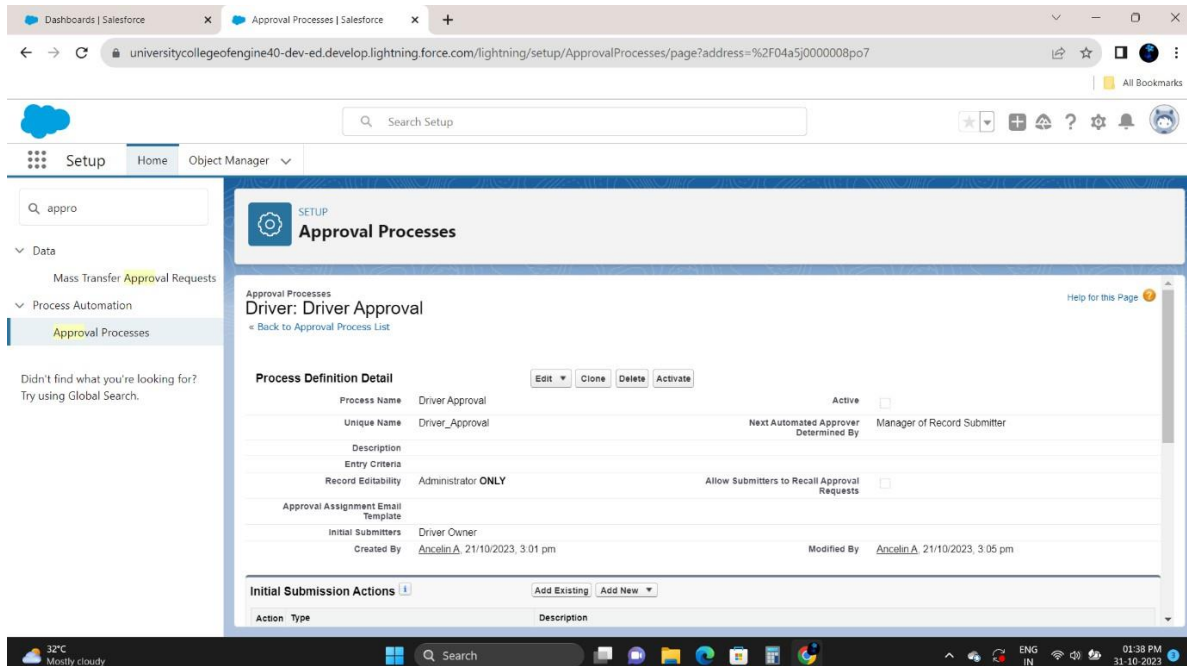


The screenshot shows the Salesforce Dashboards interface. The top navigation bar includes 'Vehicle Management', 'Home', 'Accounts', 'Contacts', 'Opportunities', 'Dashboards', and 'Reports'. The main content area is titled 'Dashboards' and features a 'Recent' section with a search bar and buttons for 'New Dashboard' and 'New Folder'. A table lists 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	<input type="checkbox"/>
Created by Me	Vehicle and customer details		Private Dashboards	Ancelin A	21/10/2023, 2:51 pm	<input type="checkbox"/>
Private Dashboards	Big Deals		Private Dashboards	Ancelin A	7/10/2023, 10:14 pm	<input type="checkbox"/>

The left sidebar contains navigation links for 'Dashboards', 'Folders', and 'Favorites'. The bottom status bar shows the weather as '32°C Mostly cloudy' and the time as '01:38 PM 31-10-2023'.

STEP 9: Creation of Approval Process

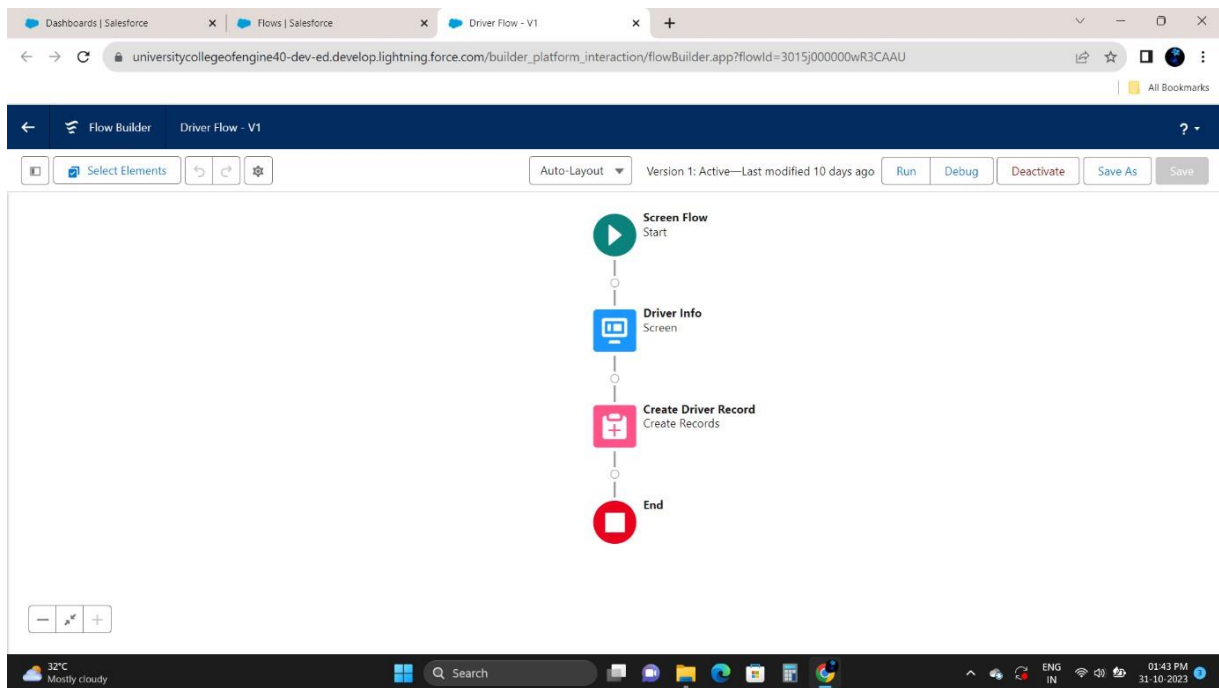


The screenshot shows the Salesforce Setup page for 'Approval Processes'. The left sidebar contains navigation links for 'Data', 'Process Automation', and 'Approval Processes'. The main content area is titled 'Approval Processes' and features a 'Driver: Driver Approval' section. The 'Process Definition Detail' table shows the following information:

Process Name	Driver Approval	Active	Next Automated Approver Determined By
Unique Name	Driver_Approval	<input type="checkbox"/>	Manager of Record Submitter
Description			
Entry Criteria			
Record Editability	Administrator ONLY		Allow Submitters to Recall Approval Requests <input type="checkbox"/>
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, with buttons for 'Add Existing' and 'Add New'.

STEP 10: Creation of Screen Flow



STEP 11: App Page Settings

The screenshot shows the 'App Settings' page in the Salesforce Lightning App Builder for an app named 'Vehicle Management'. The page is divided into two main sections: 'App Details & Branding' and 'App Branding'. The 'App Details & Branding' section includes fields for 'App Name' (Vehicle Management), 'Developer Name' (Vehicle_Management), and 'Description' (Enter a description...). The 'App Branding' section includes an 'Image' upload button, a 'Primary Color Hex Value' field (#0070D2), and 'Org Theme Options' with a checkbox to 'Use the app's image and color instead of the org's custom theme'. An 'App Launcher Preview' at the bottom shows a blue square icon with 'VM' and the text 'Vehicle Management'. The interface includes a top navigation bar with 'Lightning App Builder', 'App Settings', 'Pages', and 'Vehicle Management' tabs, and a sidebar with 'App Settings' and 'App Details & Branding' sections. The bottom of the screen shows a Windows taskbar with a weather widget indicating 32°C and a system clock showing 01:46 PM on 31-10-2023.