

NAAN MUDHALVAN
SALESFORCE DEVELOPER PROJECT REPORT

**PROJECT TITLE: VEHICLE MANAGEMENT SYSTEM USING
SALESFORCE.**

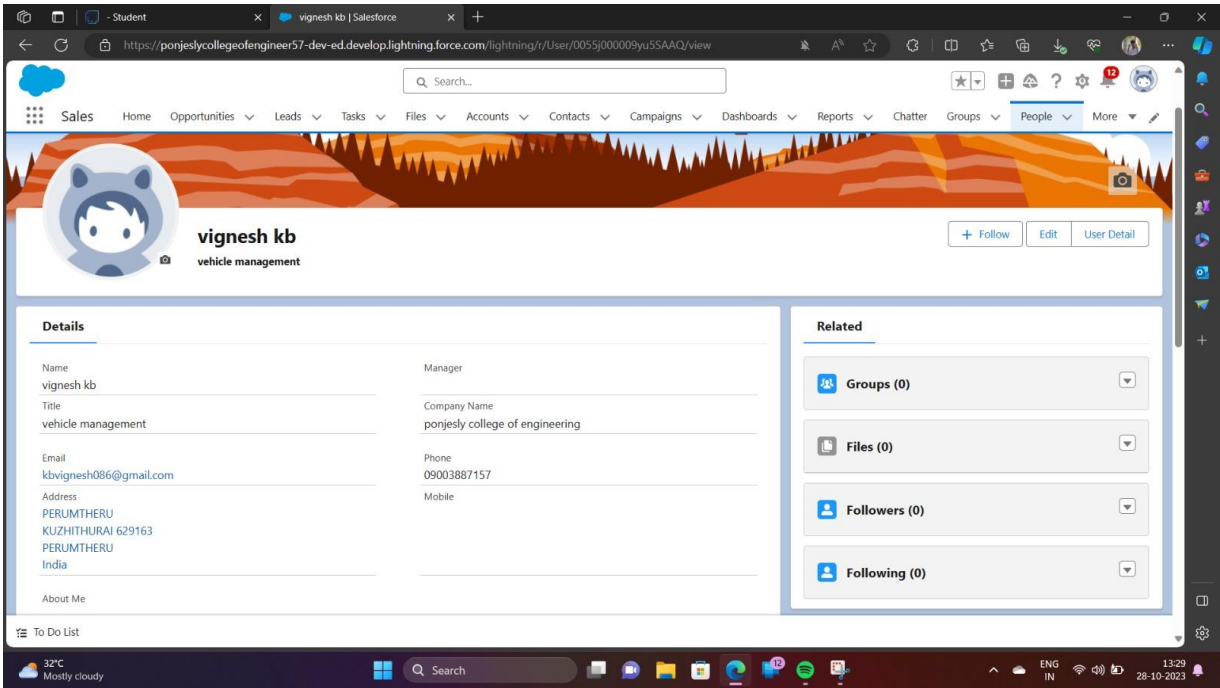
COLLEGE: PONJESLY COLLEGE OF ENGINEERING.

BATCH-I9

NAME	Nm id	REG NO
VIGNESH KB	60A46F8E0EFE335A3604C8CB77155196	961820114328

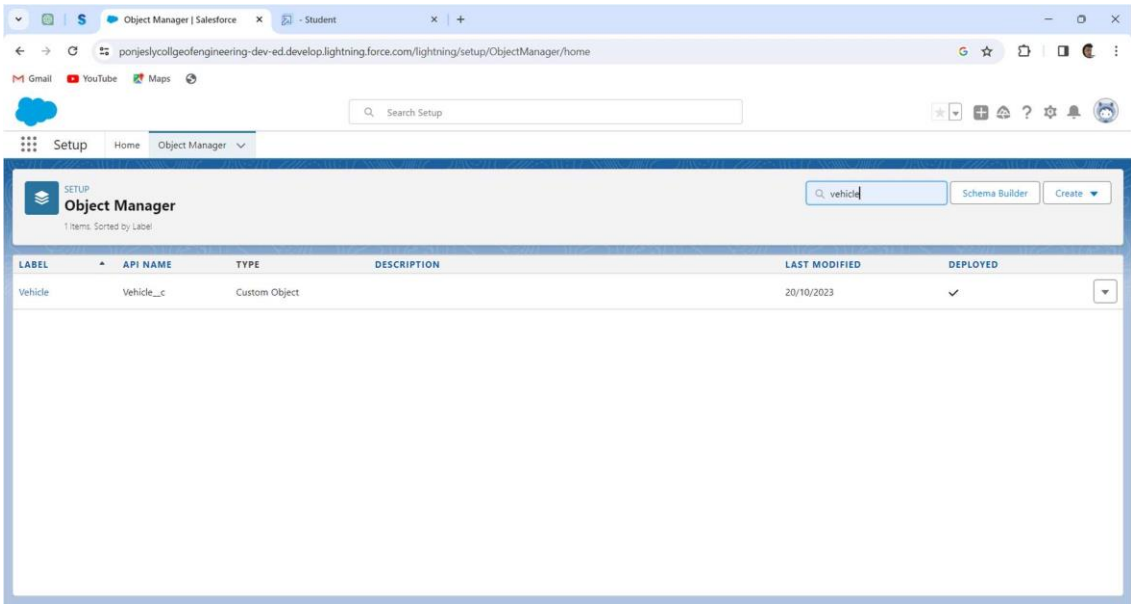
Step 1: Creation Salesforce Org

Creating Developer Account

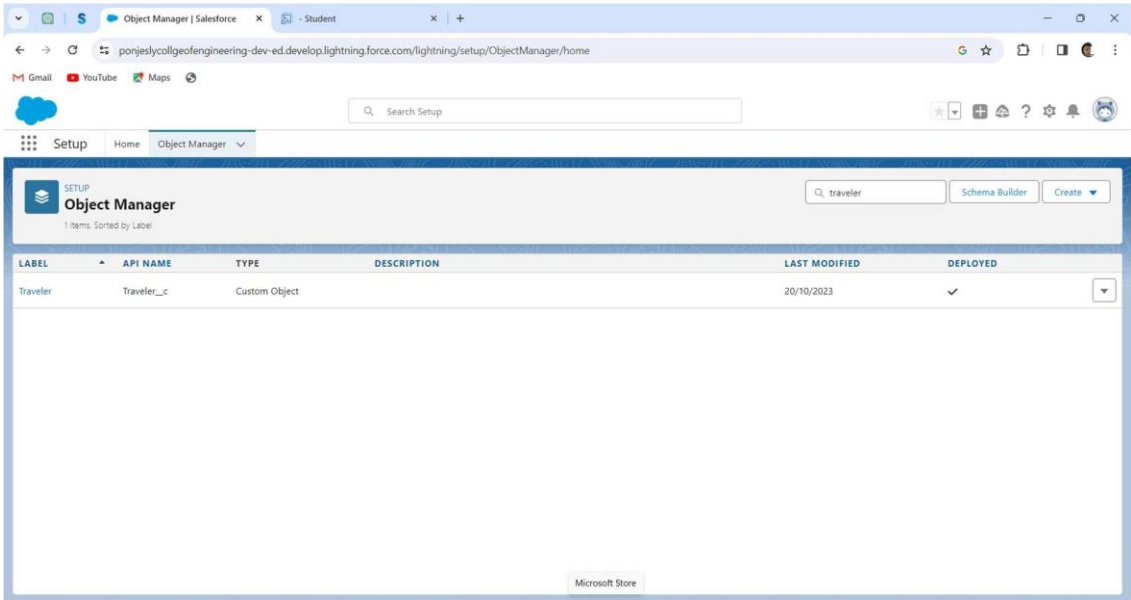


Step 2: To create an object as Vehicle, Driver, Traveler

Vehicle



Traveler



Driver

Object Manager | Salesforce

Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home

Gmail

YouTube

Maps

Search Setup

Setup

Home

Object Manager

Object Manager

1 item, Sorted by Label

driver

Schema Builder

Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Driver	Driver__c	Custom Object		20/10/2023	✓

Step 3: Fields and Relationship

Fields in Vehicle Object

Vehicle | SalesforceStudent

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115j0000037FqG/FieldsAndRelationships/view

GmailYouTubeMaps

Search Setup

SetupHomeObject Manager

Vehicle

DetailsFields & RelationshipsPage LayoutsLightning Record PagesButtons, Links, and ActionsCompact LayoutsField SetsObject LimitsRecord TypesRelated Lookup FiltersSearch LayoutsList View Button LayoutRestriction Rules

Fields & Relationships

19 Items, Sorted by Field Label

Quick Find

NewDeleted FieldsField DependenciesSet History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2WHEELERS	X2WHEELERS_c	Picklist	vehicle type	
4 wheelers	X4_WHEELERS_c	Picklist	vehicle type	
body type	body_type__c	Text(20)		
chassic no	chassic_no__c	Text(30)		
colour	colour__c	Text(20)		
condition	condition__c	Picklist		
Created By	CreatedById	Lookup(User)		
journey end date	journey_end_date__c	Date/Time		

Vehicle | SalesforceStudent

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115j0000037FqG/FieldsAndRelationships/view

GmailYouTubeMaps

Search Setup

SetupHomeObject Manager

Vehicle

DetailsFields & RelationshipsPage LayoutsLightning Record PagesButtons, Links, and ActionsCompact LayoutsField SetsObject LimitsRecord TypesRelated Lookup FiltersSearch LayoutsList View Button LayoutRestriction Rules

Fields & Relationships

19 Items, Sorted by Field Label

Quick Find

NewDeleted FieldsField DependenciesSet History Tracking

journey start date	journey_start_date__c	Date/Time		
Last Modified By	LastModifiedById	Lookup(User)		
mileage	mileage__c	Text(3)		
Owner	OwnerId	Lookup(User,Group)		✓
route	route__c	Long Text Area(32768)		
seats	seats__c	Number(2, 0)		
total fair	total_fair__c	Currency(8, 0)		
vehicle includes	vehicle_includes__c	Picklist (Multi-Select)		
Vehicle Name	Name	Text(80)		✓

Fields in Driver Objects

Driver | Salesforce

- Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/015j0000037FqL/FieldsAndRelationships/view

Search Setup

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Driver

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

List View Button Layout

Restriction Rules

Fields & Relationships

8 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
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)		✓

Fields in Traveler object

Traveler | Salesforce

- Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/015j0000037FqL/FieldsAndRelationships/view

Search Setup

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Traveler

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

List View Button Layout

Restriction Rules

Fields & Relationships

6 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

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)		✓

Fields in Opportunity Objects

Opportunity | Salesforce

Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/Opportunity/FieldsAndRelationships/view

Gmail YouTube Maps

Search Setup

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

List View Button Layout

Scoping Rules

Fields & Relationships

31 Items, Sorted by Field Label

Quick Find

New Deleted Fields Field Dependencies Set History Tracking

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)	
Opportunity Name	Name	Text(120)	✓
Opportunity Owner	OwnerId	Lookup(User)	✓
Opportunity Score	lqScore	Number(9, 0)	
Order Number	OrderNumber__c	Text(8)	

Opportunity | Salesforce

Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/Opportunity/FieldsAndRelationships/view

Gmail YouTube Maps

Search Setup

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

List View Button Layout

Scoping Rules

Fields & Relationships

31 Items, Sorted by Field Label

Quick Find

New Deleted Fields Field Dependencies Set History Tracking

Private	IsPrivate	Checkbox	
Probability (%)	Probability	Percent(3, 0)	
Quantity	TotalOpportunityQuantity	Number(16, 2)	
route	route__c	Long Text Area(32768)	
Stage	StageName	Picklist	
total fair	total_fair__c	Currency(8, 0)	
Tracking Number	TrackingNumber__c	Text(12)	
Type	Type	Picklist	
Vehicle	Vehicle__c	Lookup(Vehicle)	✓

Step 4: Page layout setup

The screenshot shows the Salesforce Setup interface for configuring the Opportunity page layout. The left sidebar contains navigation options: Details, Fields & Relationships, Page Layouts (selected), Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, and Scoping Rules. The main area displays the 'Layout Properties' for the Opportunity object. It includes a 'Fields' section with a search bar and a list of fields to be added to the layout. The layout itself is divided into two sections: 'Opportunity Information' and 'Other information'. The 'Opportunity Information' section contains fields for Opportunity Owner, Private, Opportunity Name, Account Name, Type, Lead Source, Vehicle, Journey start date, Journey end date, and total fair. The 'Other information' section contains fields for Amount, Expected Revenue, Close Date, Next Step, Stage, Probability (%), and Primary Campaign Source. The layout is previewed with sample data.

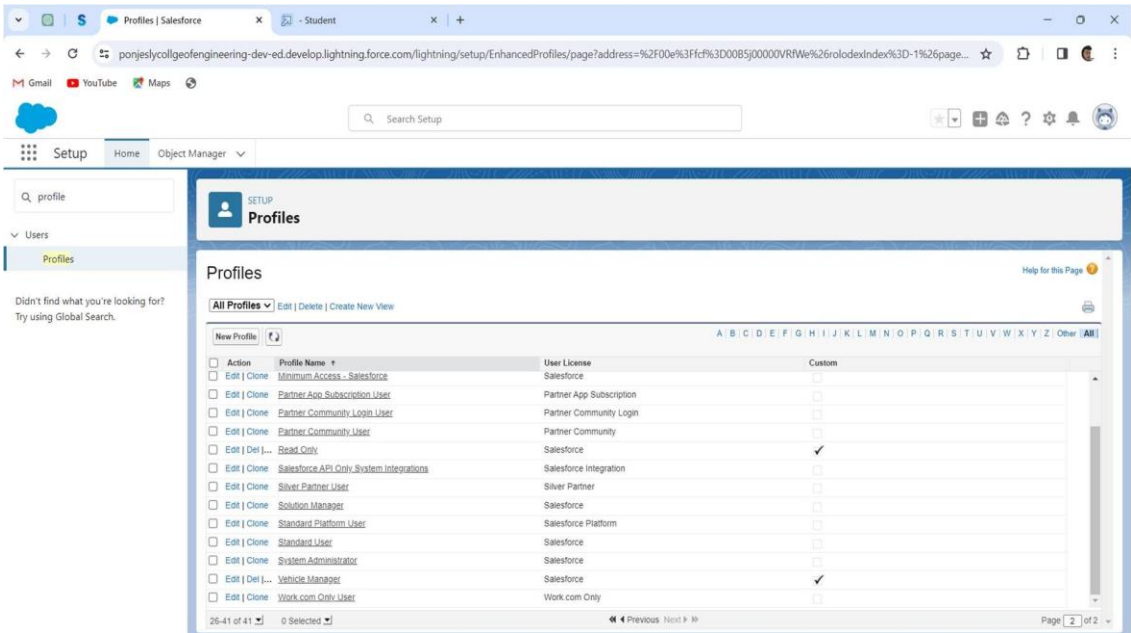
Step 5: Lightning app

Create the vehicle management app

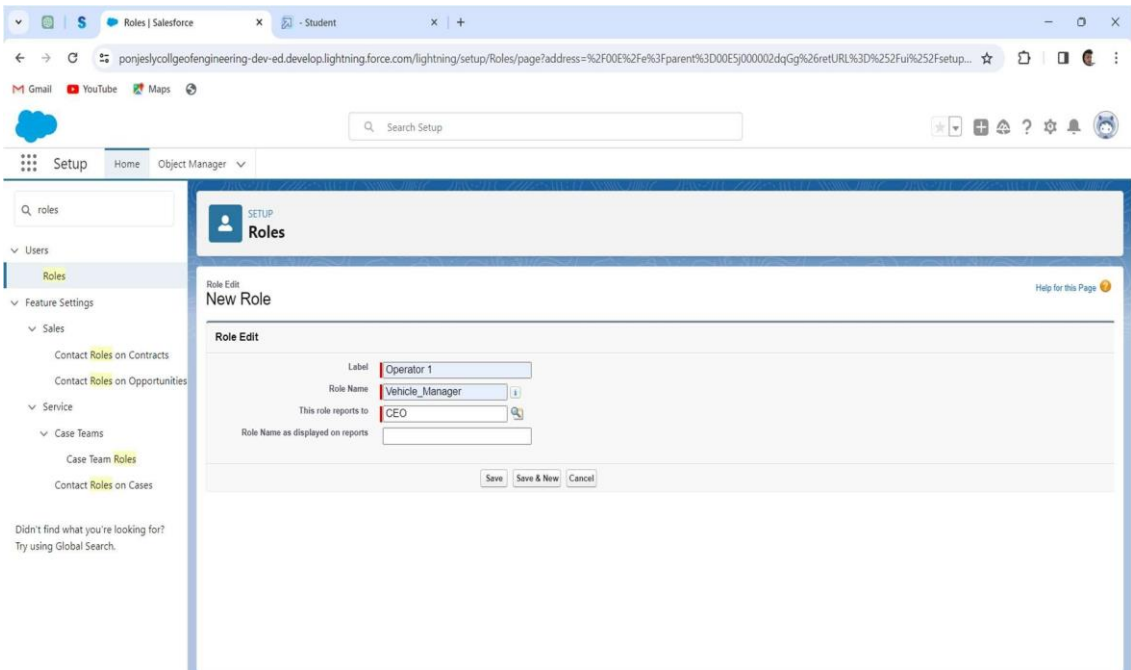
The screenshot shows the Salesforce Setup interface for creating a new Lightning app. The left sidebar contains navigation options: Apps (selected), Items, Vehicles, View All, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, and Scoping Rules. The main area displays the 'New App' page. It includes a search bar and a list of existing apps. The 'New App' button is highlighted. The 'Items' section shows a list of items to be added to the app, including Opportunity (Marketing) Layout, Opportunity (Sales) Layout, Opportunity (Support) Layout, and Opportunity Layout. The 'Vehicles' section shows a list of vehicles to be added to the app, including Opportunity (Marketing) Layout, Opportunity (Sales) Layout, Opportunity (Support) Layout, and Opportunity Layout. The 'View All' button is highlighted.

Step 6: Profile

Creating a profile



Set up roles for Operator 1



Set up role for Operator 2

The screenshot shows the Salesforce Setup interface with the 'Roles' section selected in the left sidebar. The main content area is titled 'New Role' and contains a 'Role Edit' form. The form fields are as follows:

- Label: Operator 2
- Role Name: Vehicle_Manager
- This role reports to: CEO
- Role Name as displayed on reports: (empty)

At the bottom of the form are three buttons: 'Save', 'Save & New', and 'Cancel'.

Step 7: Users

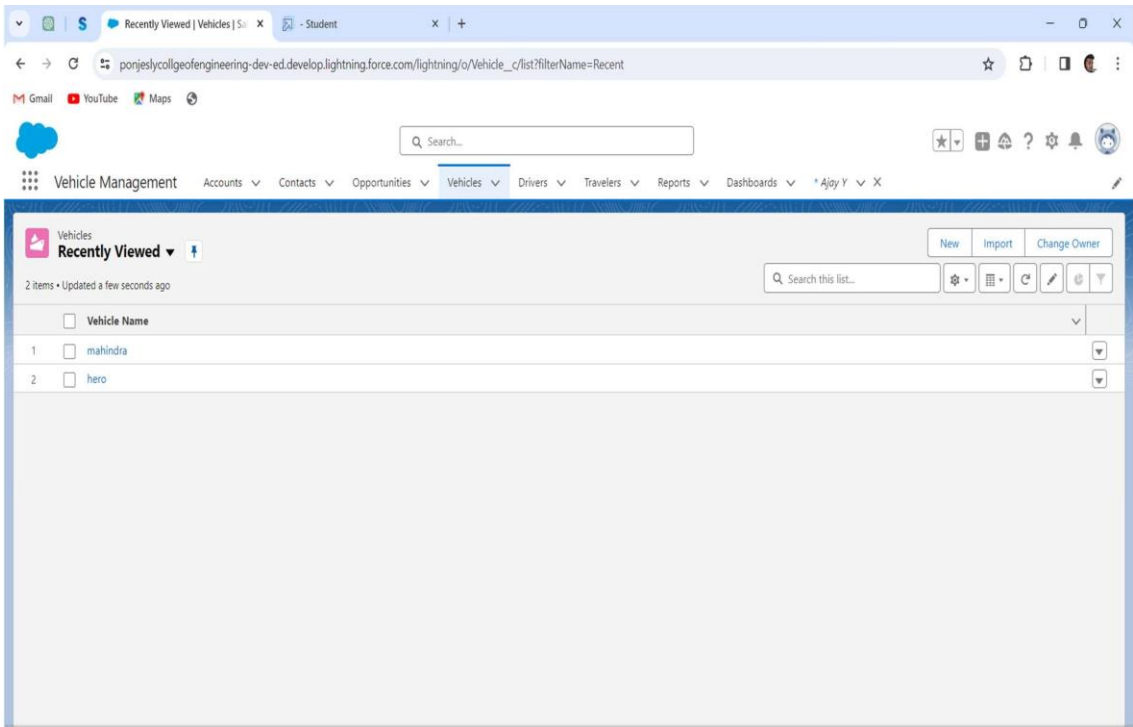
Creating a user for operator 1 and operator 2

The screenshot shows the Salesforce Setup interface with the 'Users' section selected in the left sidebar. The main content area is titled 'All Users' and displays a table of users. The table has columns for Action, Full Name, Alias, Username, Role, and Active. The users listed are:

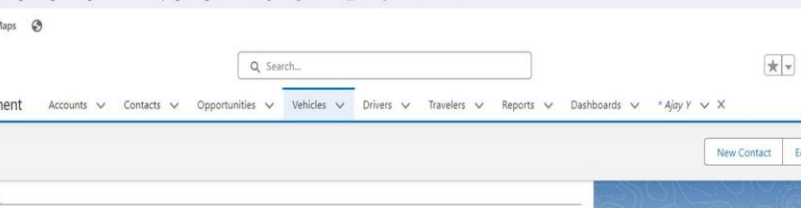
Action	Full Name	Alias	Username	Role	Active	Profile
[Edit]	1_operator	o1	ajav9615@gmail.com	Operator 1	✓	Salesforce API Only System Integrations
[Edit]	2_operator	o2	ajav792@gmail.com	Operator 2	✓	Standard Platform User
[Edit]	Chatter Expert	Chatter	chatter.000500000chmdaefzibdcnv@you@chatter.salesforce.com		✓	Chatter Free User
[Edit]	Teddy John	tedd	vaia9615@gmail.com	Vehicle Manager	✓	Vehicle Manager
[Edit]	User Integration	integ	integration@000500000chmdaefzibdcnv@you@chatter.salesforce.com		✓	Analytics Cloud Integration User
[Edit]	User Security	sec	insightssecurity@000500000chmdaefzibdcnv@you@chatter.salesforce.com		✓	Analytics Cloud Security User
[Edit]	Y.Ajavi	AY	ajav3@ajav3.com		✓	System Administrator

Step 8: User Adoption

Create vehicle record



View Record



The screenshot shows a Salesforce Lightning page for 'Vehicle Management'. The page has a header with navigation tabs: Accounts, Contacts, Opportunities, Vehicles (selected), Drivers, Travelers, Reports, and Dashboards. Below the header, there's a sub-header for 'Vehicle Management' with a search bar and a 'New Contact' button. The main content area is divided into two sections: 'Related' and 'Details'. The 'Details' section is active and shows a list of vehicle details for 'mahindra'. The details include: Vehicle Name (mahindra), Vehicle no (yh65vh7546), vehicle type (2. 4 wheelers), 2WHEELERS (4 wheelers), 4 wheelers (vj|MAHINDRA), chassis no (746453467), colour (black), body type (metal), and vehicle includes (fire extinguisher;first aid kit;multi;charger kit;stepneytoolkit;tracing). The 'Owner' field shows 'Ajay Y' with a user icon.

The screenshot shows a web browser window with multiple tabs open, including 'mahindra | Vehicle | Salesforce' and 'Student'. The active tab displays a Salesforce Lightning page for 'Vehicle Management'. The page URL is 'ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/r/Vehicle_c/a015j00000ZJ1YAAx/view'. The page header includes a search bar and navigation tabs: 'Accounts', 'Contacts', 'Opportunities', 'Vehicles' (selected), 'Drivers', 'Travelers', 'Reports', 'Dashboards', and 'Ajay Y'. The main content area shows a list of vehicle details for a 'Vehicle mahindra'. The details include: fire extinguisher, first aid kit, multicharger kit, stepney, toolkit, tracing device, tyre, jack, condition, mileage, seats, journey start date, journey end date, total fair, and route. The page also shows a sidebar with a 'Vehicle mahindra' header and buttons for 'New Contact', 'Edit', and 'New Opportunity'. The page footer indicates the vehicle was 'Created By Ajay Y. 27/10/2023, 5:30 pm' and 'Last Modified By Ajay Y. 27/10/2023, 5:31 pm'.

View Record

hero | Vehicle | Salesforce

- Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/r/Vehicle__c/a015j00000ZIR1XAAAX/view

GmailYouTubeMaps

Search...

StarHomeHelpSettingsNotifications

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y

Vehiclehero

New ContactEditNew Opportunity

RelatedDetails

Vehicle Namehero

Vehicle noth76d5464

vehicletype1.2 wheelers

2WHEELERS

ij HERO

4 wheelers

chassic no457437

colouryellow

body typemetal

vehicle includes

toolkittracing device,tyre

OwnerAjay Y

Driver Flow

hero | Vehicle | Salesforce

- Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/r/Vehicle__c/a015j00000ZIR1XAAAX/view

GmailYouTubeMaps

Search...

StarHomeHelpSettingsNotifications

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y

Vehiclehero

New ContactEditNew Opportunity

vehicle includes

toolkittracing device,tyre

conditiongood

mileage35

seats2

journey start date03/10/2023, 12:00 pm

journey end date03/11/2023, 12:00 pm

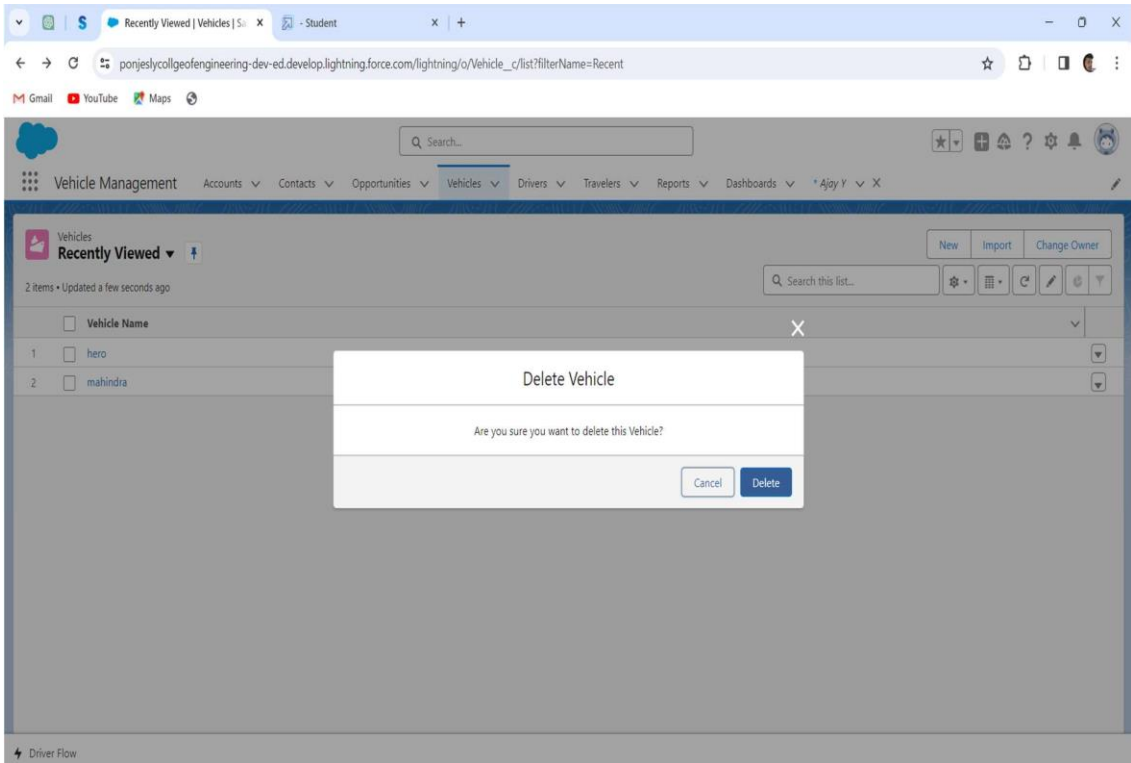
total fair

route

Created ByAjay Y, 27/10/2023, 5:28 pm

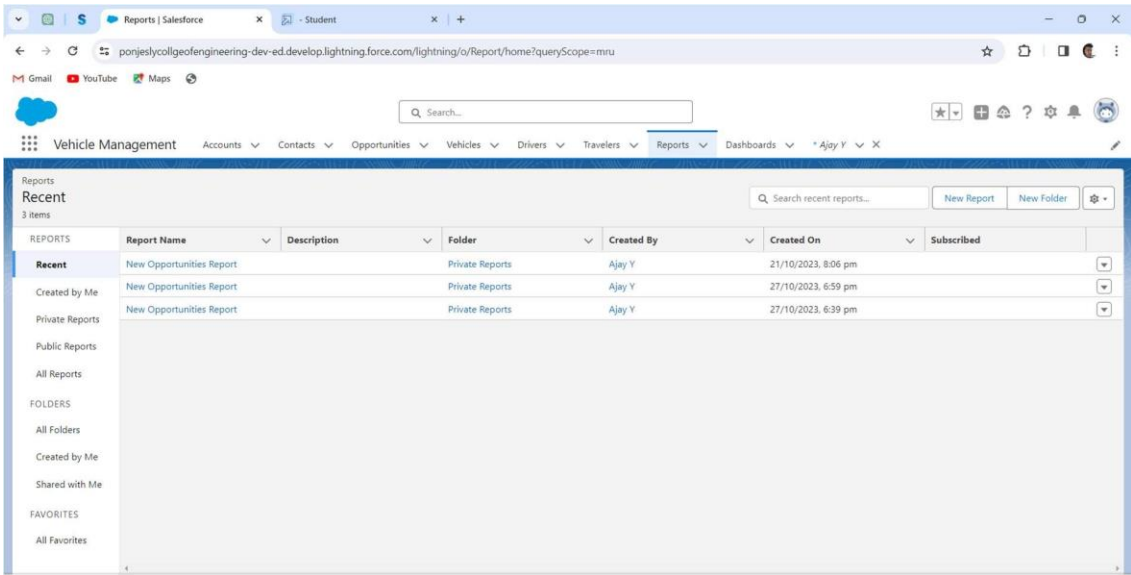
Last Modified ByAjay Y, 27/10/2023, 5:28 pm

Delete Record

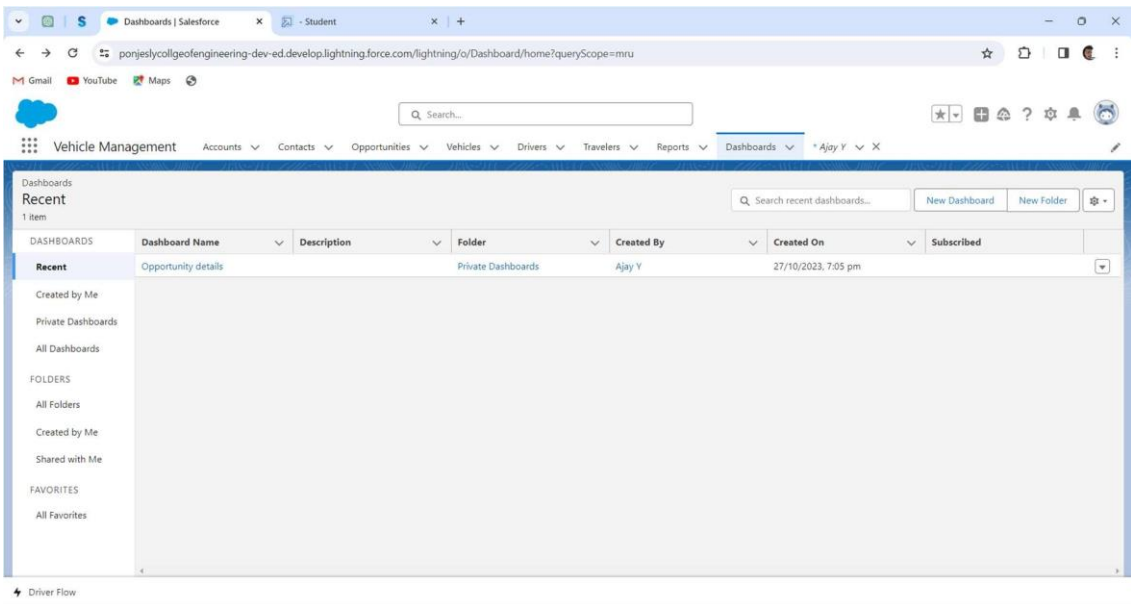


Step 9: Report and Dashboard

Report

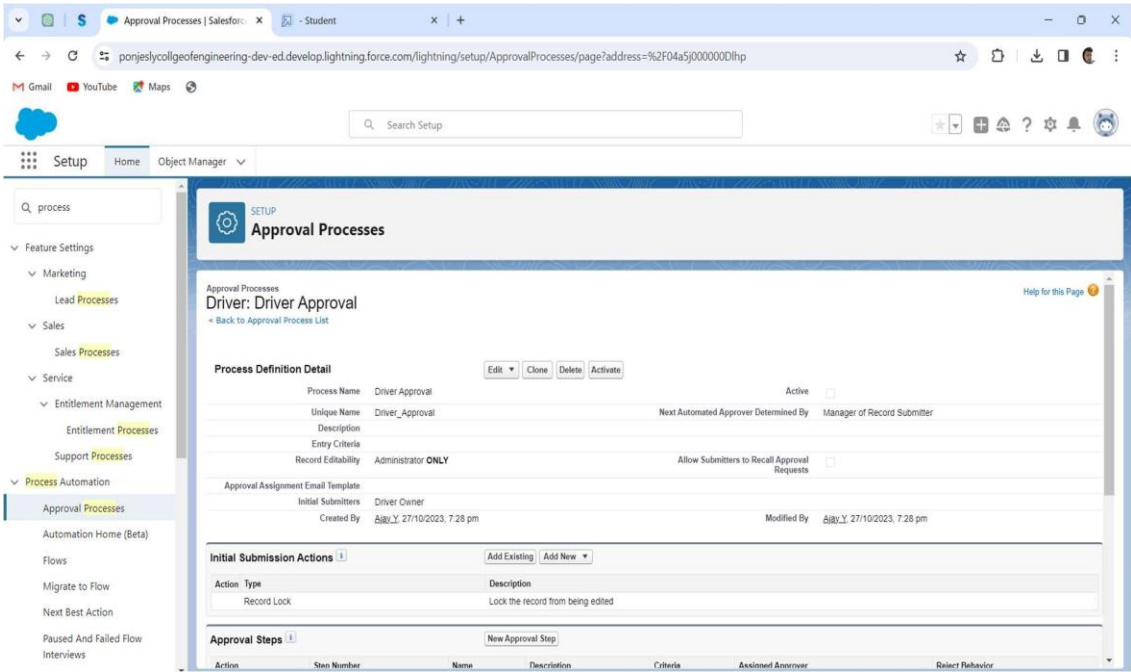


Dashboard



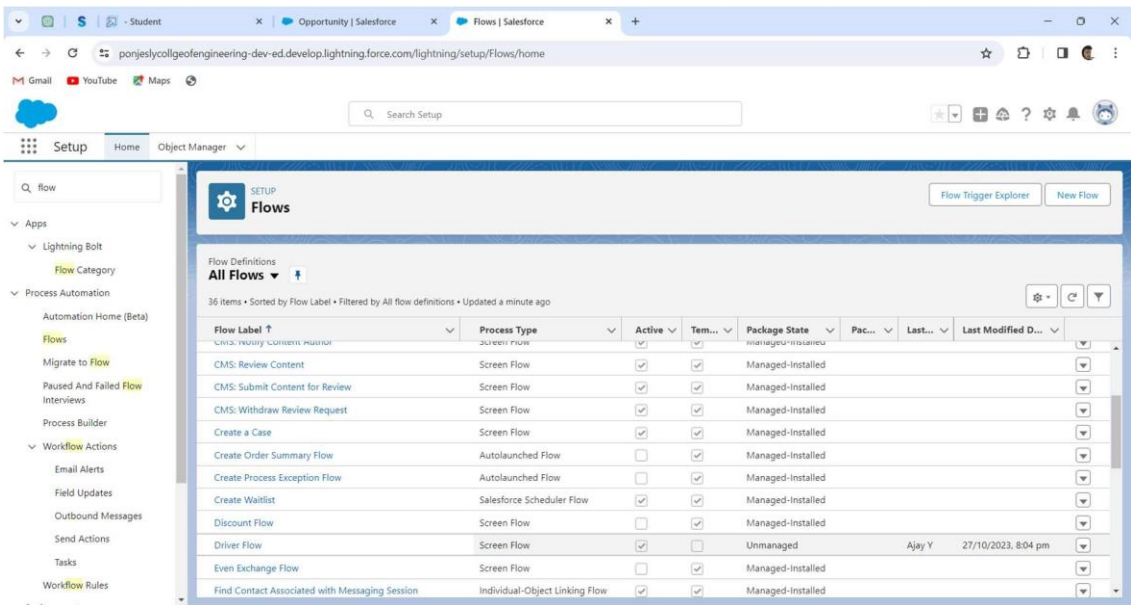
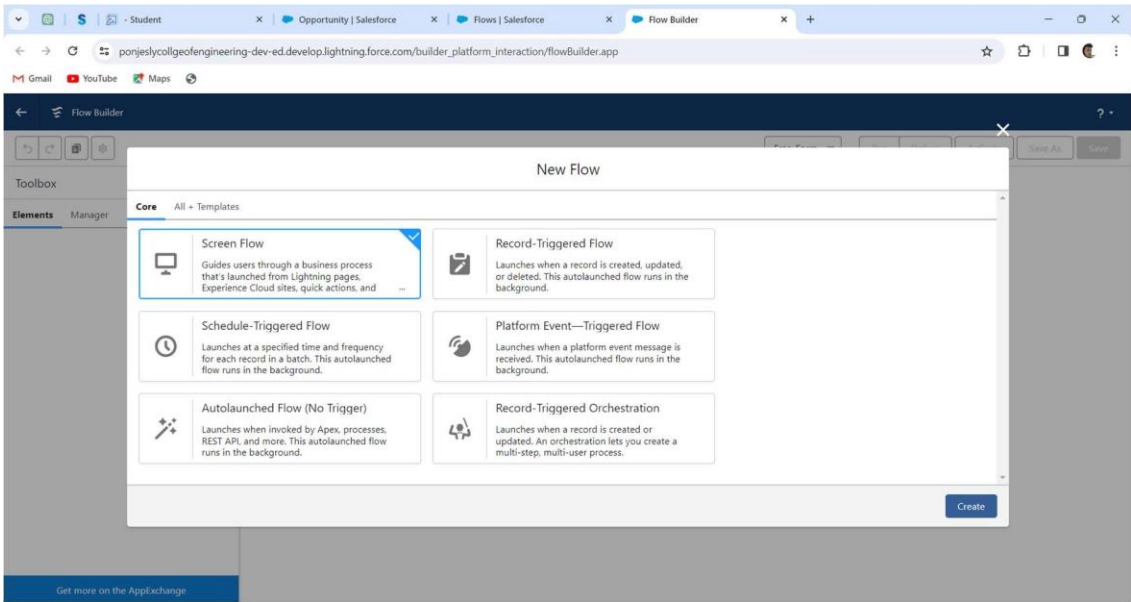
Step 10: Approval Process

Creation of approval Process



Step 11: Screen Flow

Creation of Screen flow



Step 12: App Page

App Page Setting

