

NAAN MUDHALVAN

SALESFORCE DEVELOPER PROJECT REPORT

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

COLLEGE: PONJESLY COLLEGE OF ENGINEERING

DONE BY:

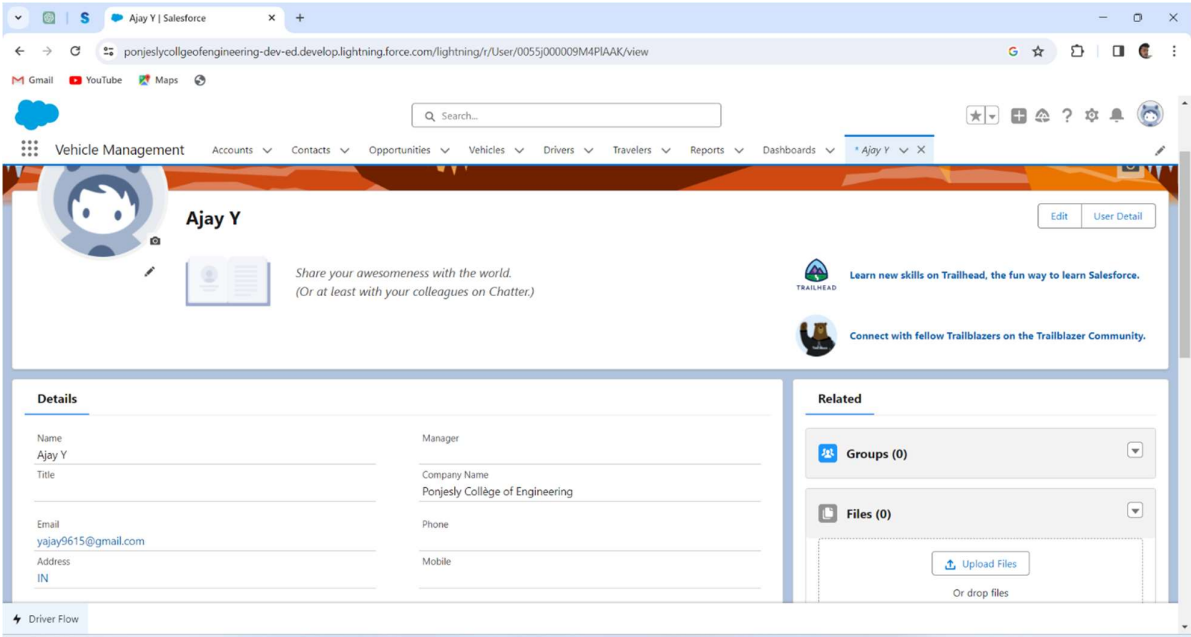
AJAY.Y

REG NO: 961820114007

NM ID: 1C9D1EEFAF6B477B5B6402219F0D4F48

Step 1: Creation Salesforce Org

Creating Developer Account



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

Vehicle

Object Manager | SalesforceStudent

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

GmailYouTubeMaps

Search Setup

SetupHomeObject Manager

Object Manager

1 item. Sorted by Label

vehicleSchema BuilderCreate

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Vehicle	Vehicle__c	Custom Object		20/10/2023	✓

Traveler

Object Manager | SalesforceStudent

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

GmailYouTubeMaps

Search Setup

SetupHomeObject Manager

Object Manager

1 item. Sorted by Label

travelerSchema BuilderCreate

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Traveler	Traveler__c	Custom Object		20/10/2023	✓

Microsoft Store

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 Items, Sorted by Label

drive

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 | Salesforce

- Student

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

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

Vehicle

Details

Fields & Relationships

19 Items, Sorted by Field Label

Quick Find

New Deleted Fields Field Dependencies Set 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 | Salesforce

- Student

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

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

Vehicle

Details

Fields & Relationships

19 Items, Sorted by Field Label

Quick Find

New Deleted Fields Field Dependencies Set 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

ponjeslycollegeengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115j0000037FqQ/FieldsAndRelationships/view

Search Setup

SetupHomeObject 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

NewDeleted FieldsField DependenciesSet 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

ponjeslycollegeengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115j0000037FqQ/FieldsAndRelationships/view

Search Setup

SetupHomeObject 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

NewDeleted FieldsField DependenciesSet 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	IQScore	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

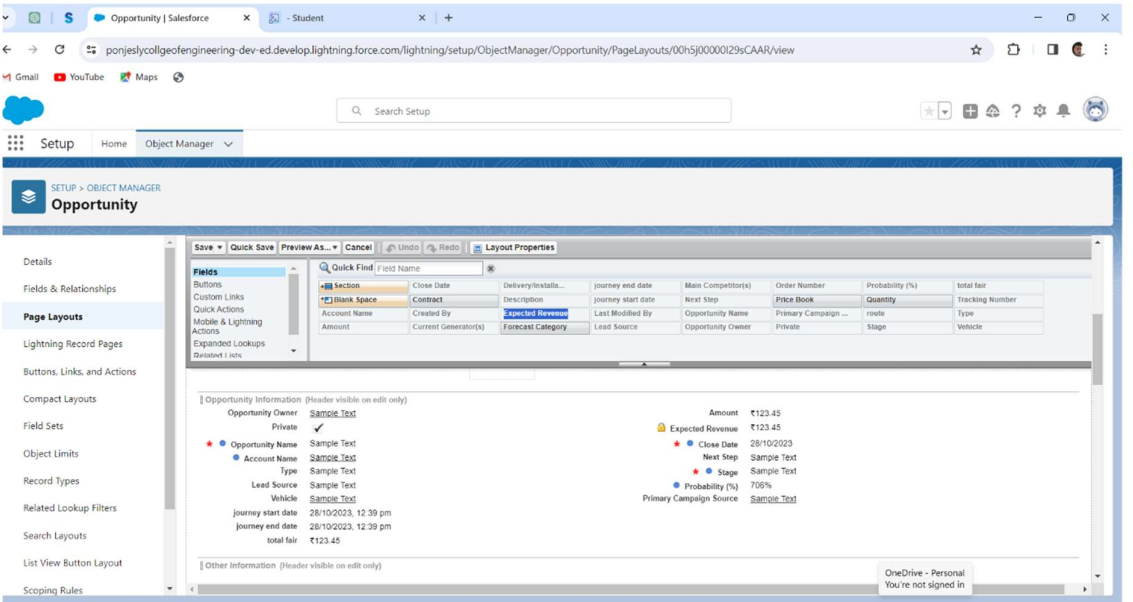
Deleted Fields

Field Dependencies

Set History Tracking

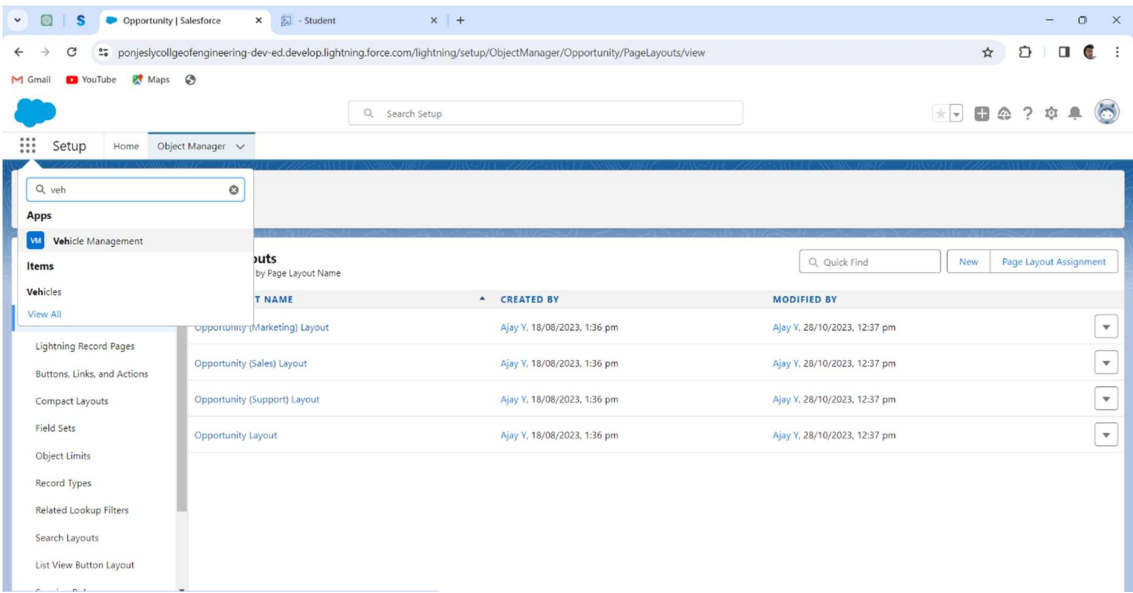
Private	IsPrivate	Checkbox	
Probability (%)	Probability	Percent(3, 0)	
Quantity	TotalOpportunityQuantity	Number(16, 2)	
route	route__c	Long Text Area(32768)	
Stage	StageName	Picklist	
total fair	total_fair__c	Currency(18, 0)	
Tracking Number	TrackingNumber__c	Text(12)	
Type	Type	Picklist	
Vehicle	Vehicle__c	Lookup(Vehicle)	✓

Step 4: Page layout setup



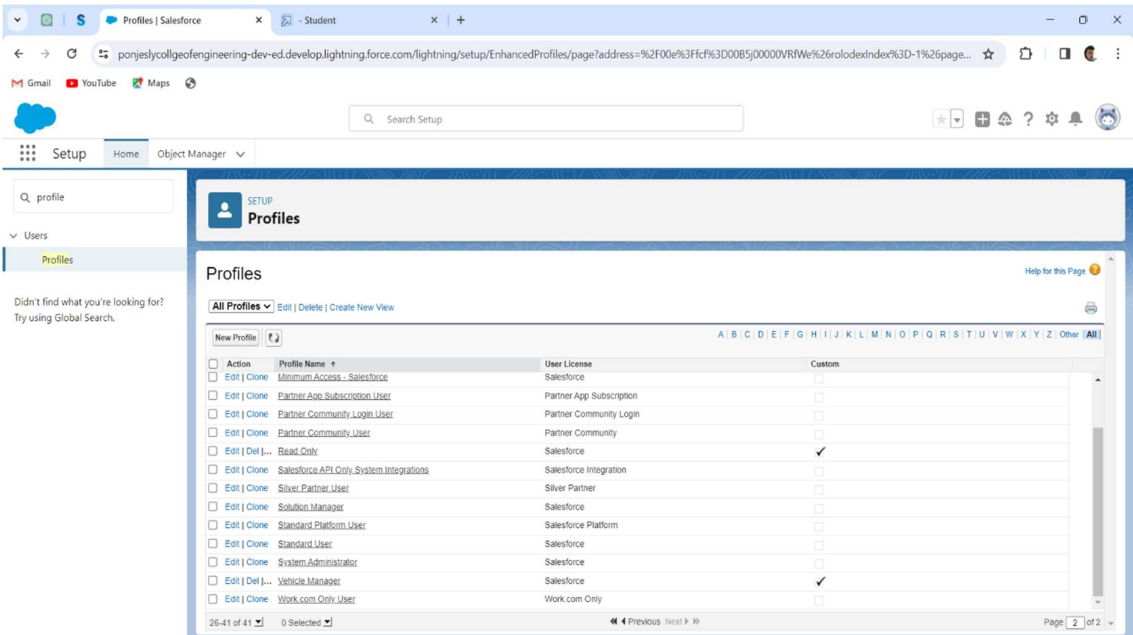
Step 5: Lightning app

Create the vehicle management app

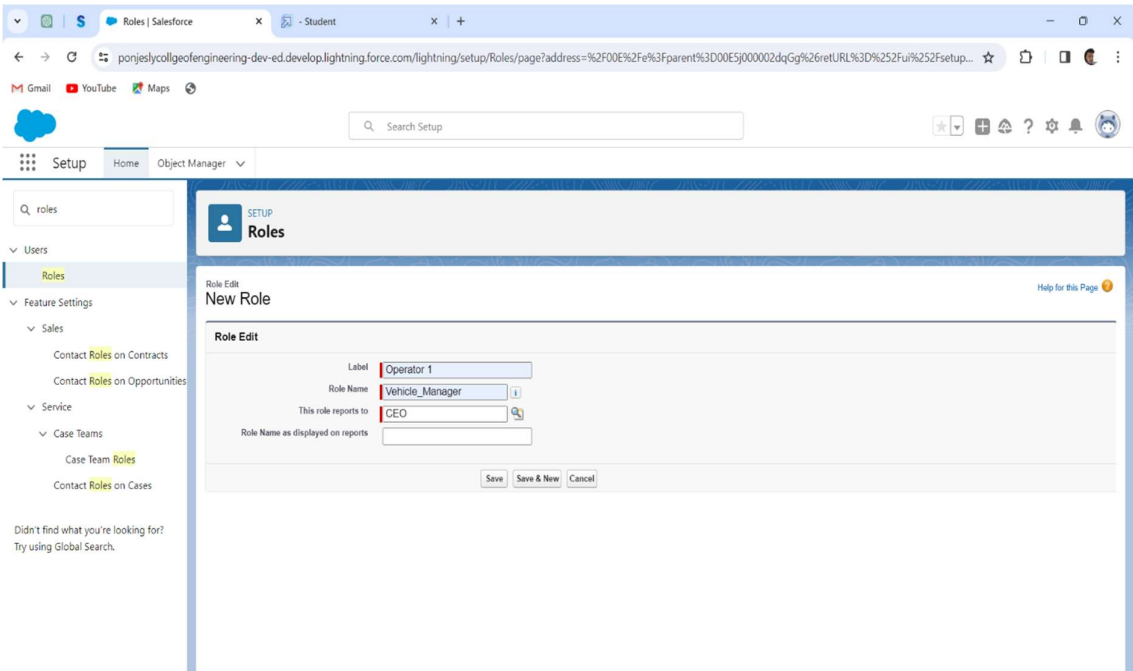


Step 6: Profile

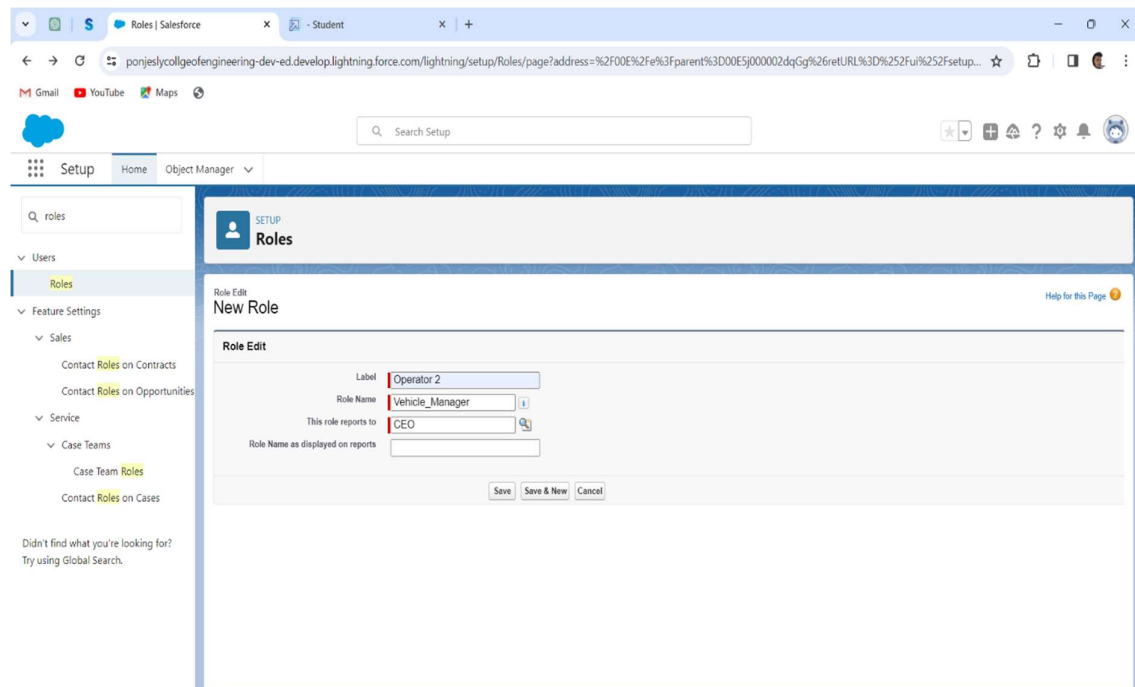
Creating a profile



Set up roles for Operator 1

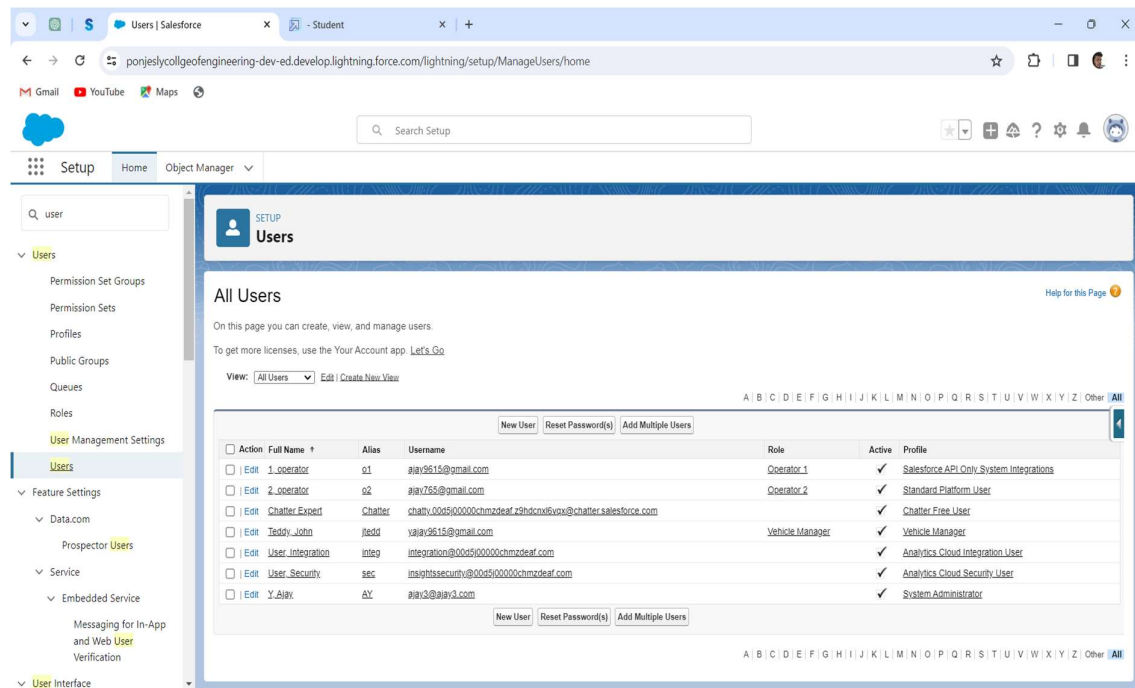


Set up role for Operator 2



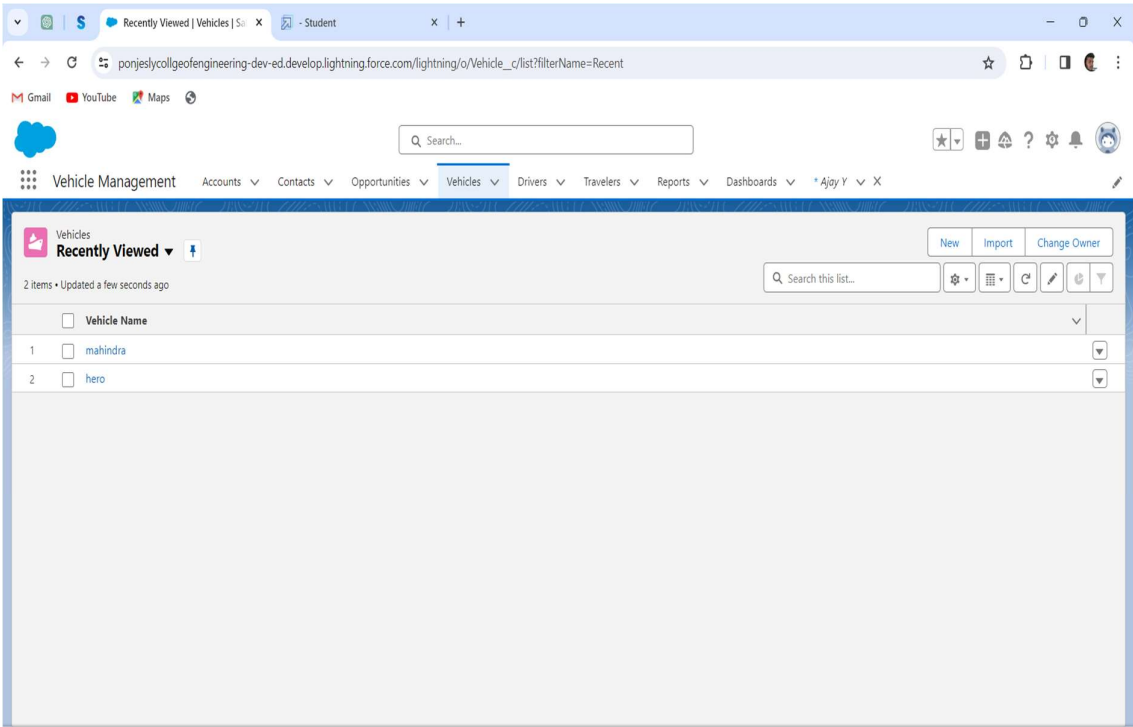
Step 7: Users

Creating a user for operator 1 and operator 2

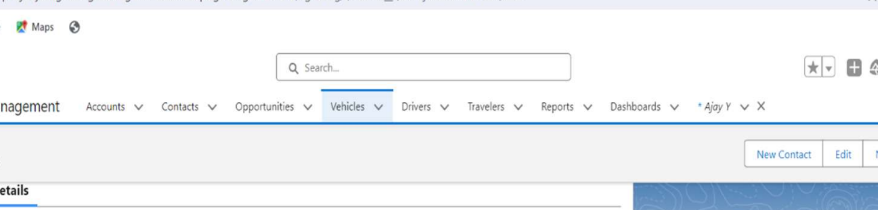


Step 8: User Adoption

Create vehicle record



View Record



The screenshot shows a web browser window with the URL `ponjesylcollgeofengineering-dev-ed.develop.lightning.force.com/lightning/r/Vehicle_c/a015j00000ZJR1YAAx/view`. The browser's address bar and tabs are visible at the top. Below the browser, the Salesforce interface is shown. The top navigation bar includes the Salesforce logo, a search bar, and several utility icons. The main navigation menu on the left includes 'Vehicle Management', 'Accounts', 'Contacts', 'Opportunities', 'Vehicles' (which is highlighted), 'Drivers', 'Travelers', 'Reports', and 'Dashboards'. The 'Vehicles' sub-menu is also visible. The right side of the navigation bar shows the user's name 'Ajay Y' and a 'X' icon. The main content area displays the 'Vehicle Management' page for a specific vehicle. The page has a header with the vehicle name 'mahindra' and a 'Vehicle' icon. Below the header, there are three buttons: 'New Contact', 'Edit', and 'New Opportunity'. The main content area is divided into two sections: 'Related' and 'Details'. The 'Details' section is currently active and shows a list of vehicle attributes and their values. The attributes and values are as follows:

Attribute	Value
Vehicle Name	mahindra
Vehicle no	yh65vh7546
vehicle type	2. 4 wheelers
	2WHEELERS
	4 wheelers
	vijMAHINDRA
chassis no	746453467
colour	black
body type	metal
vehicle includes	fire extinguisher;first aid kit;multi;charger kit;stepney;toolkit;tracing

The 'Owner' field is also visible, showing the user 'Ajay Y' with a profile icon. The right side of the page is partially obscured by a blue patterned background.

The screenshot shows the Salesforce Lightning interface for the 'Vehicle Management' page. The page header includes the 'Vehicle' tab and the 'mahindra' logo. The main content area displays a list of vehicle details with edit icons. The details are as follows:

fire extinguisher, first aid kit, multi-charger kit, stepney, toolkit, tracing device, tyre, jack	
condition	
good	
mileage	
15	
seats	
6	
journey start date	
03/10/2023, 12:00 pm	
journey end date	
02/11/2023, 12:00 pm	
total fair	
route	

At the bottom of the page, the 'Created By' and 'Last Modified By' fields are both populated with 'Ajay Y. 27/10/2023, 5:30 pm'.

View Record

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y X

Vehiclehero

New ContactEditNew Opportunity

RelatedDetails

Vehicle Namehero

Vehicle noth76d5464

vehicletype1.2 wheelers

2WHEELERS

ij HERO

4 wheelers

chassis no457437

colouryellow

body typemetal

vehicle includes toolkit

OwnerAjay Y

Driver Flow

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y X

Vehiclehero

New ContactEditNew Opportunity

vehicle includes toolkit

conditiongood

mileage35

seats2

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

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

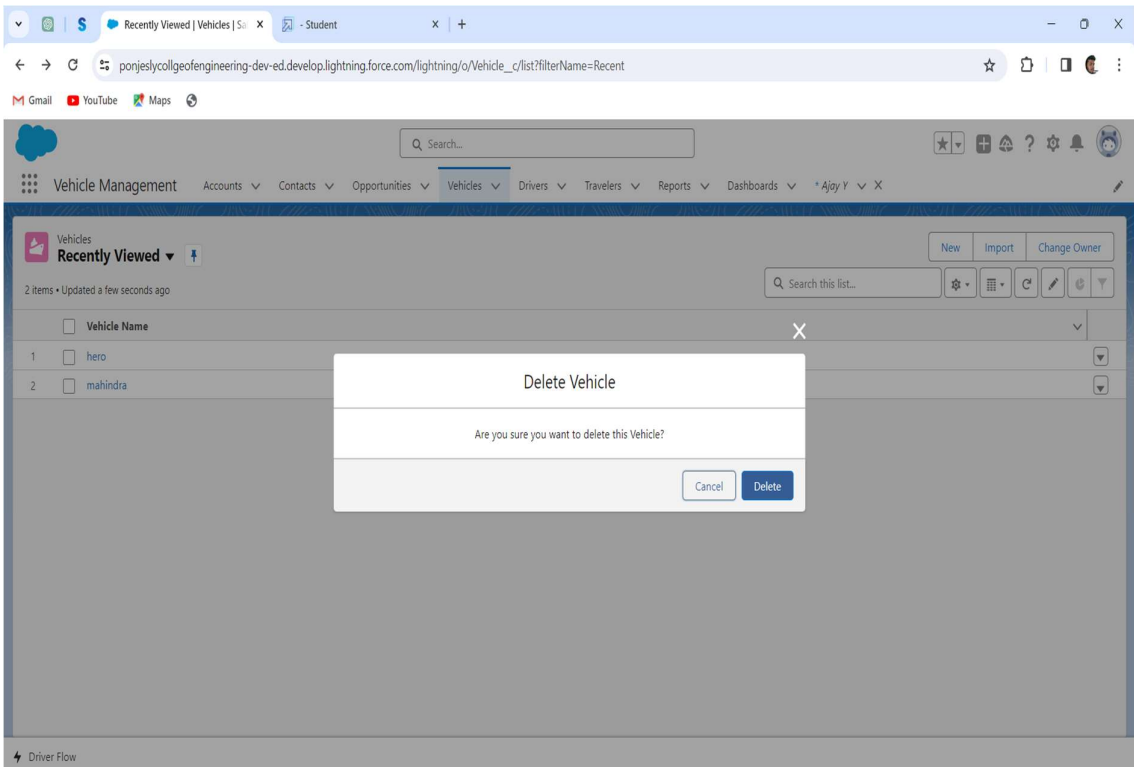
total fair

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

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y

Reports

Recent

3 items

Search recent reports...

New ReportNew Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Opportunities Report		Private Reports	Ajay Y	21/10/2023, 8:06 pm	
Created by Me	New Opportunities Report		Private Reports	Ajay Y	27/10/2023, 6:59 pm	
Private Reports	New Opportunities Report		Private Reports	Ajay Y	27/10/2023, 6:39 pm	
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Dashboard

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y

Dashboards

Recent

1 item

Search recent dashboards...

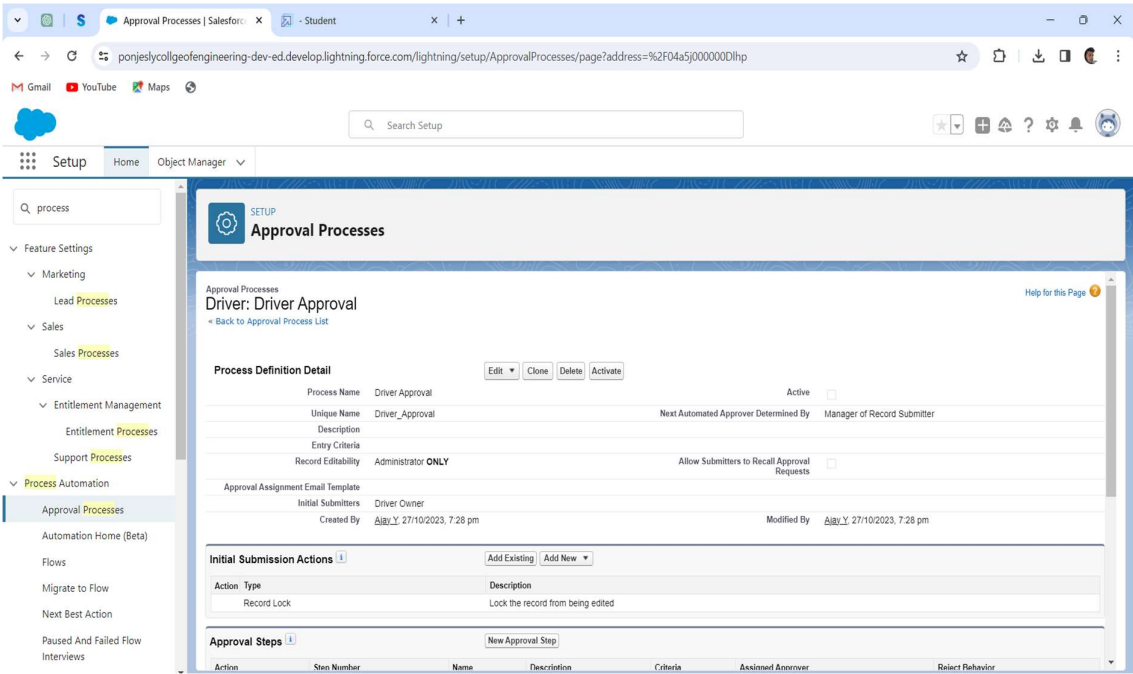
New DashboardNew Folder

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Opportunity details		Private Dashboards	Ajay Y	27/10/2023, 7:05 pm	
Created by Me						
Private Dashboards						
All Dashboards						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Driver Flow

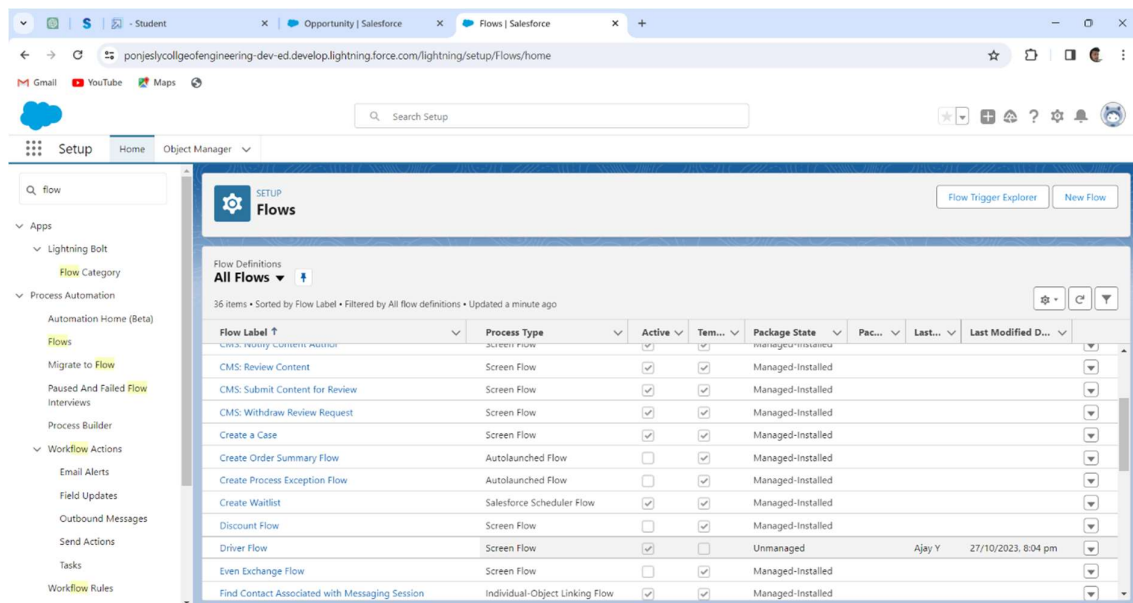
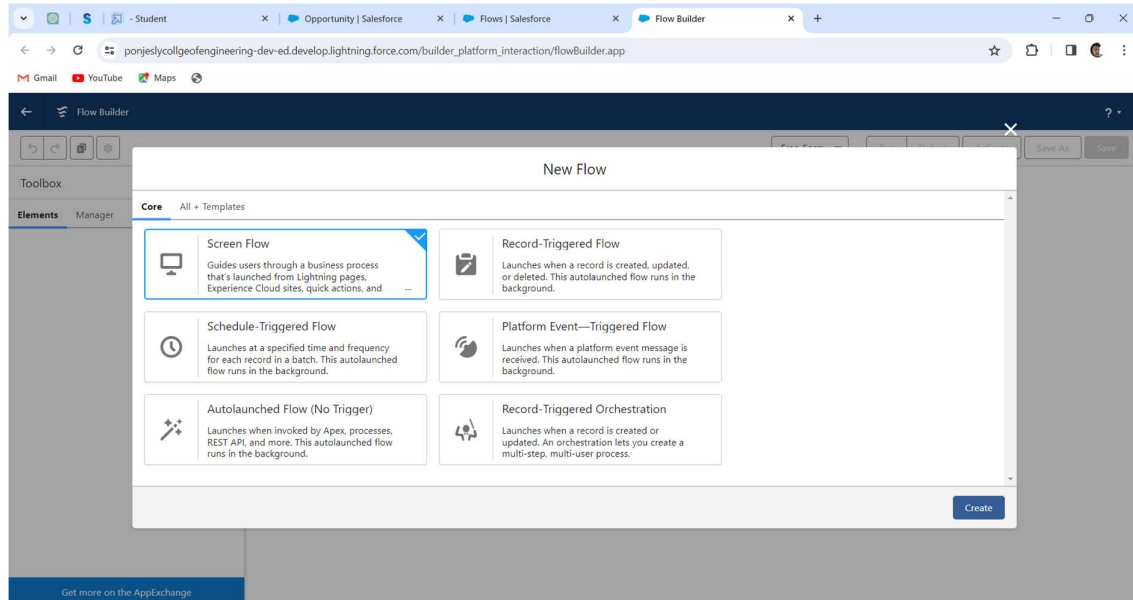
Step 10: Approval Process

Creation of approval Process



Step 11: Screen Flow

Creation of Screen flow



ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app

GmailYouTubeMaps

Flow Builder

Select Elements

Auto-LayoutRunDebugActivateSave AsSave

Screen Flow
Start

Driver info
Screen

Create Records

End

Screen Flow Start

Driver info Screen

Create Records

End

New Create Records

*Label

*API Name

Description

How Many Records to Create

One

Multiple

How to Set the Record Fields

Use all values from a record

Use separate resources, and literal values

Create a Record from These Values

* Record

Search records...

Make sure that ID is blank. After the flow creates the records, ID is set to match the record that was created.

Step 12: App Page

App Page Setting

