

NAAN MUDHALVAN

SALESFORCE DEVELOPER PROJECT REPORT

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

COLLEGE: PONJESLY COLLEGE OF ENGINEERING

DONE BY:

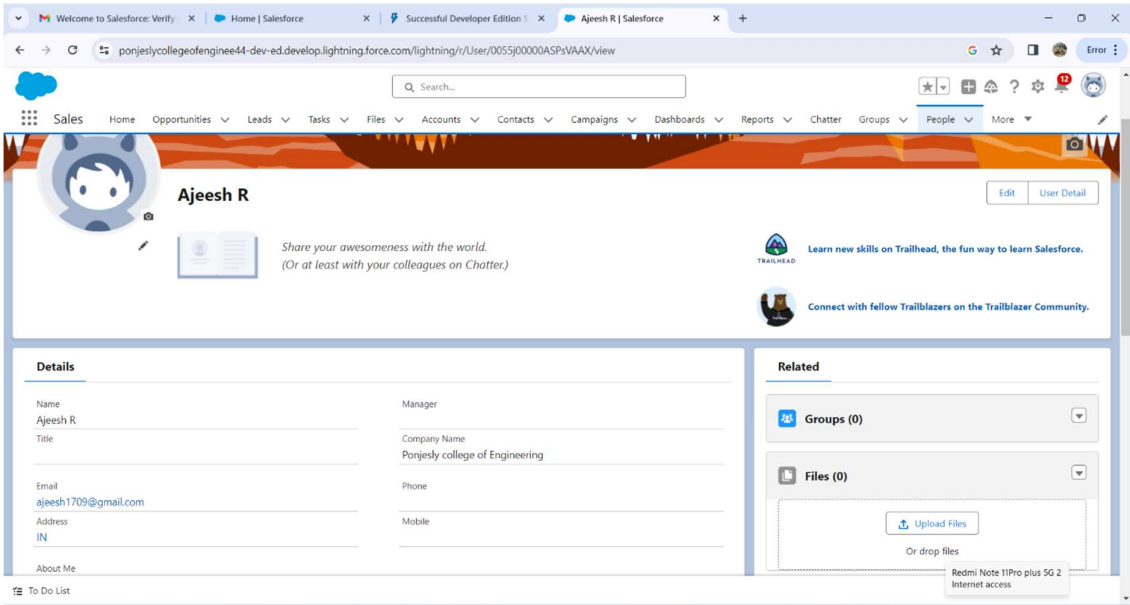
AJEESH.R

REG NO: 961820114008

NM ID: B57F56C9887D729AED94C069D7736BDE

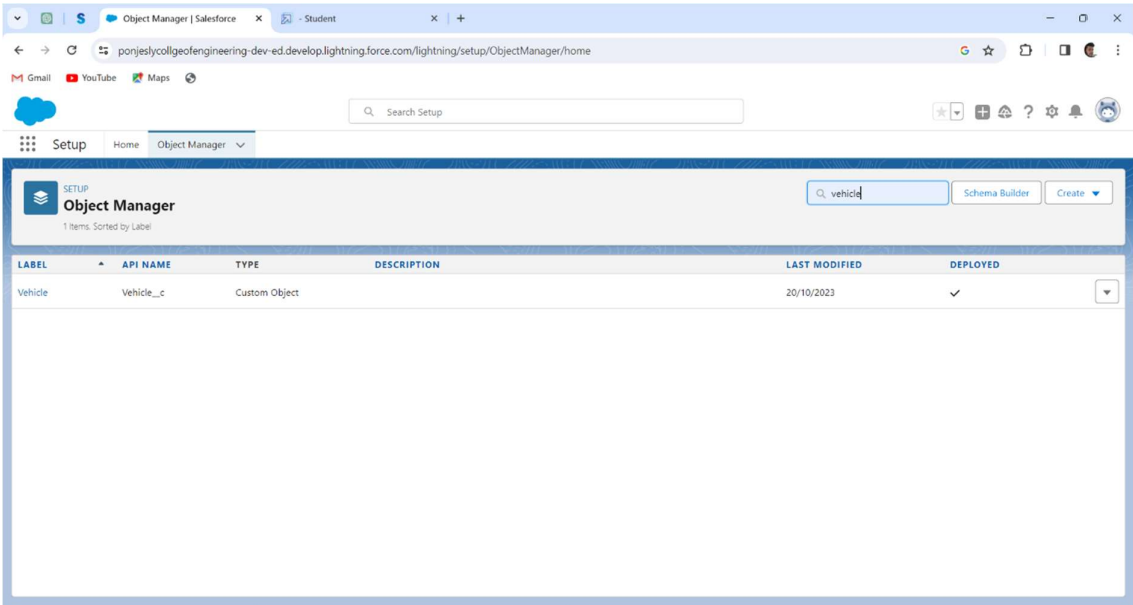
Step 1: Creation Salesforce Org

Creating Developer Account



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

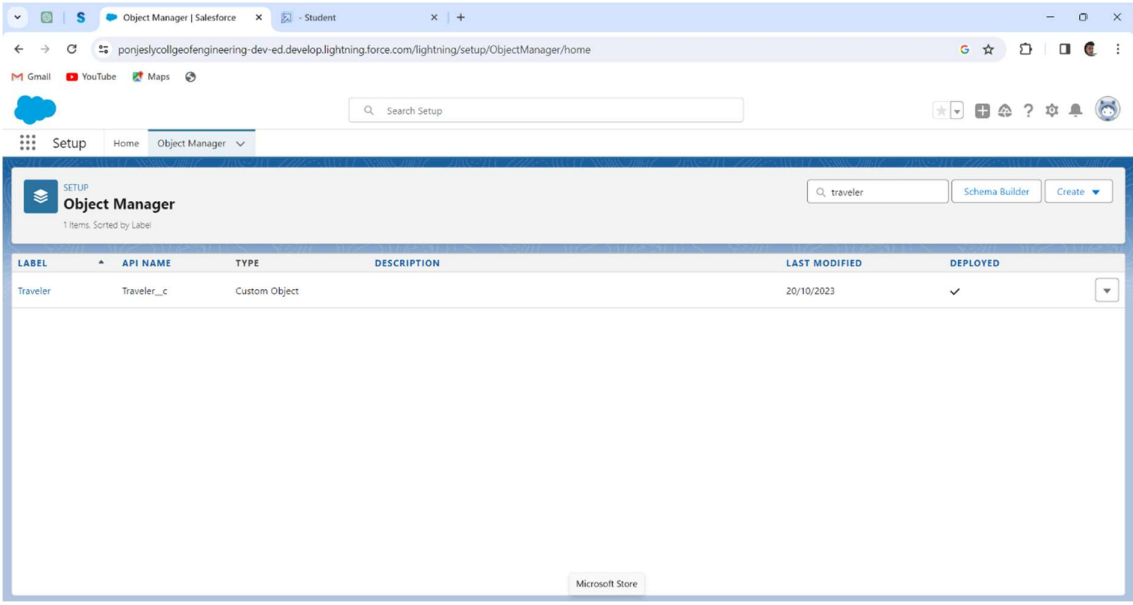
Vehicle



The screenshot shows the Salesforce Object Manager interface. The browser address bar displays the URL: `ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home`. The page header includes a search bar with the text "Search Setup" and a navigation menu with "Setup", "Home", and "Object Manager". The main content area is titled "Object Manager" and shows a search bar with the text "vehicle". Below the search bar, there is a table with the following columns: "LABEL", "API NAME", "TYPE", "DESCRIPTION", "LAST MODIFIED", and "DEPLOYED". The table contains one row for the "Vehicle" object, which is a "Custom Object" created on "20/10/2023" and is "DEPLOYED".

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

Traveler



The screenshot shows the Salesforce Object Manager interface. The browser address bar displays the URL: `ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home`. The page header includes a search bar with the text "Search Setup" and a navigation menu with "Setup", "Home", and "Object Manager". The main content area is titled "Object Manager" and shows a search bar with the text "traveler". Below the search bar, there is a table with the following columns: "LABEL", "API NAME", "TYPE", "DESCRIPTION", "LAST MODIFIED", and "DEPLOYED". The table contains one row for the "Traveler" object, which is a "Custom Object" created on "20/10/2023" and is "DEPLOYED".

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

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

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

Q 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

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

Q 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	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

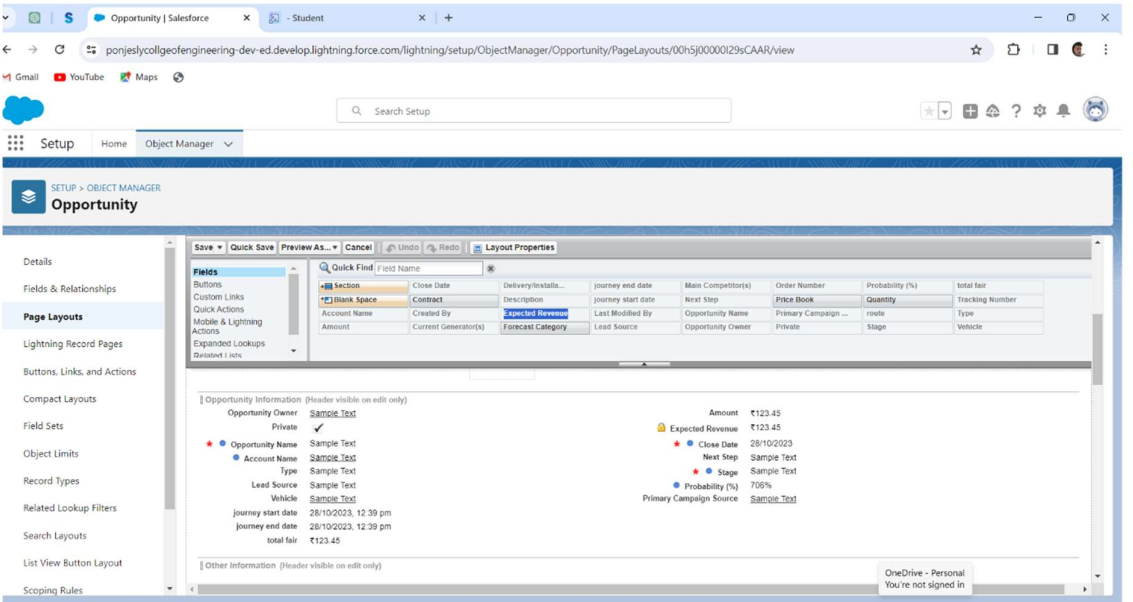
Deleted Fields

Field Dependencies

Set History Tracking

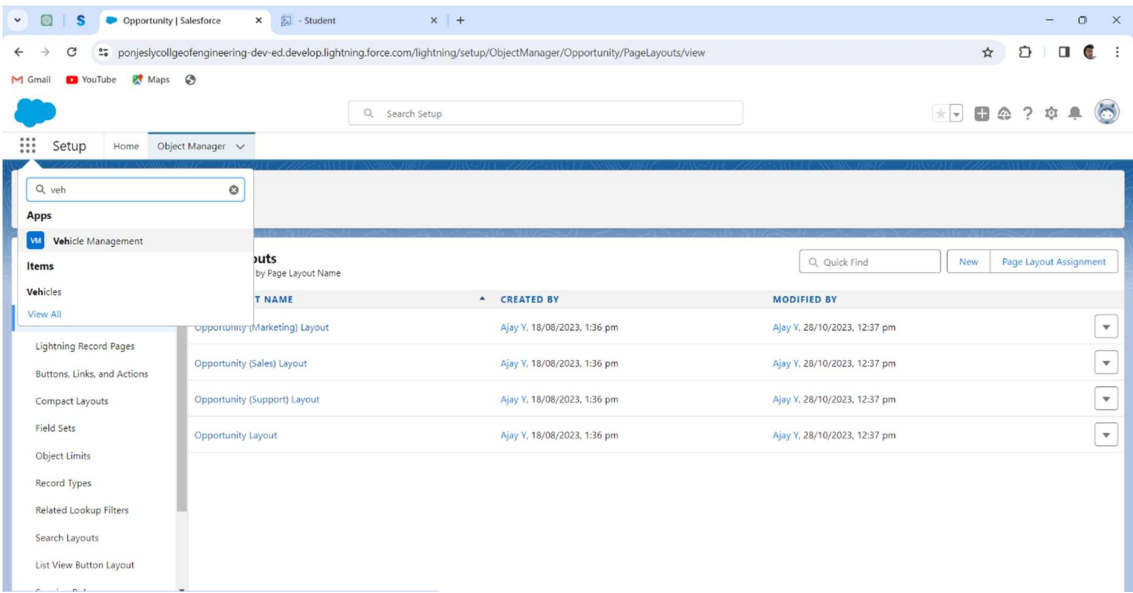
Private	IsPrivate	Checkbox	
Probability (%)	Probability	Percent(3, 0)	
Quantity	TotalOpportunityQuantity	Number(16, 2)	
route	route__c	Long Text Area(32768)	
Stage	StageName	Picklist	
total fair	total_fair__c	Currency(18, 0)	
Tracking Number	TrackingNumber__c	Text(12)	
Type	Type	Picklist	
Vehicle	Vehicle__c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

Step 4: Page layout setup



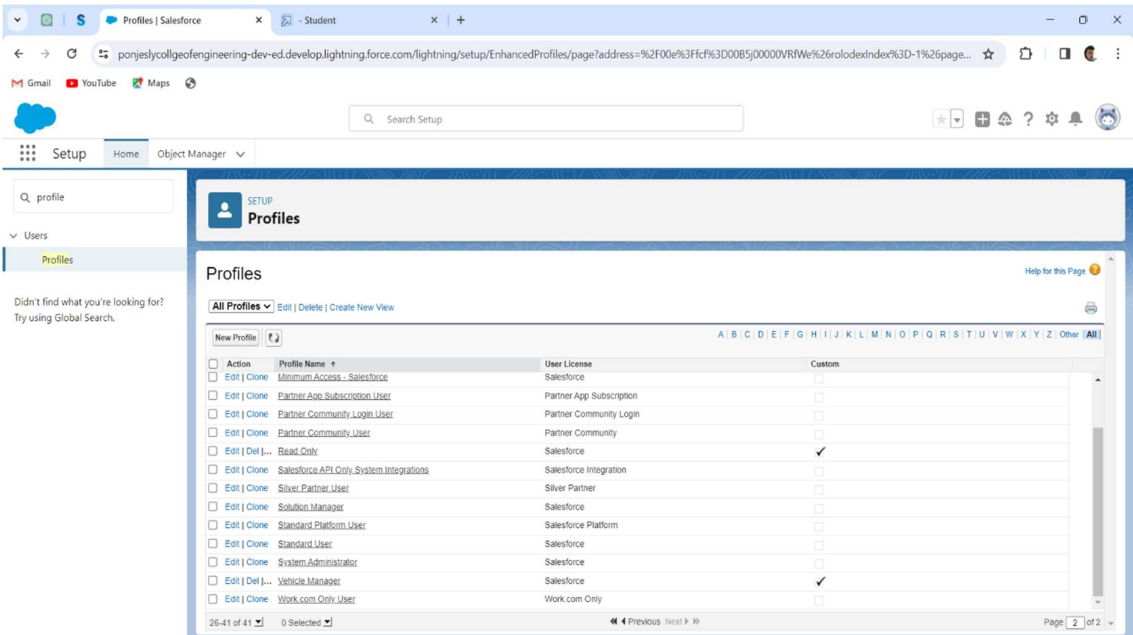
Step 5: Lightning app

Create the vehicle management app

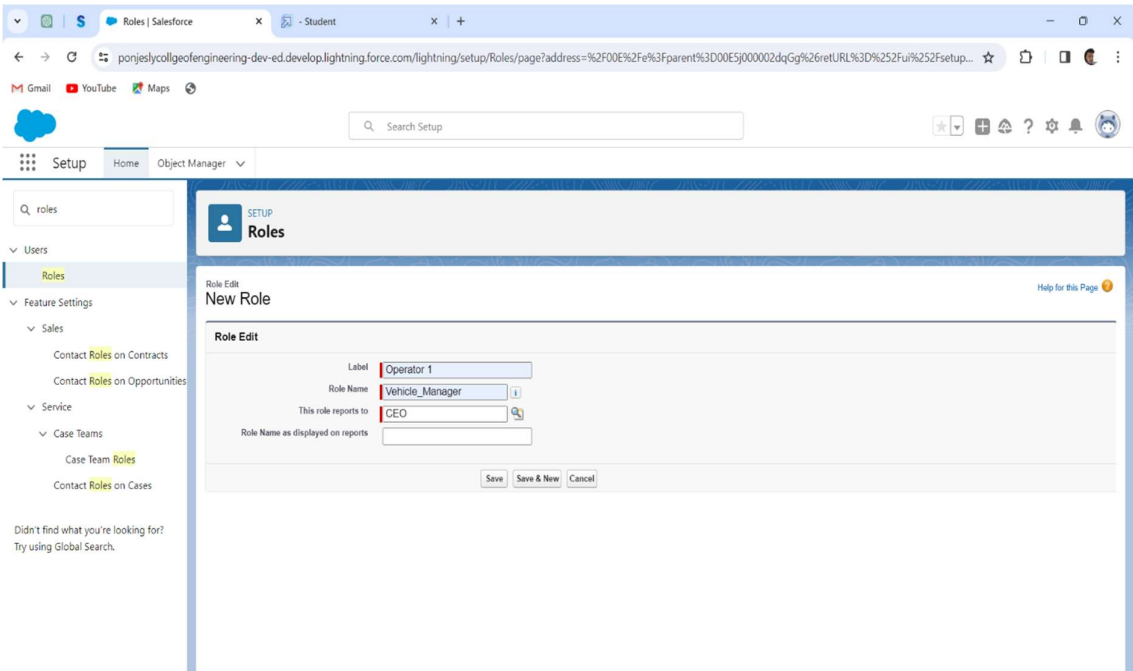


Step 6: Profile

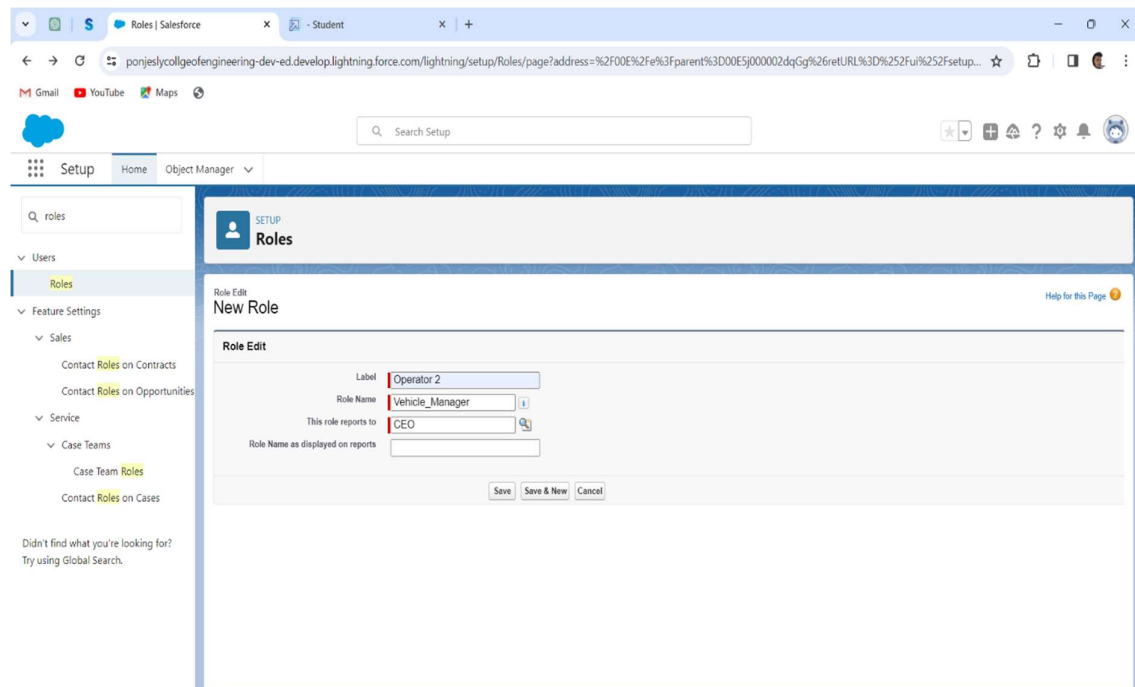
Creating a profile



Set up roles for Operator 1

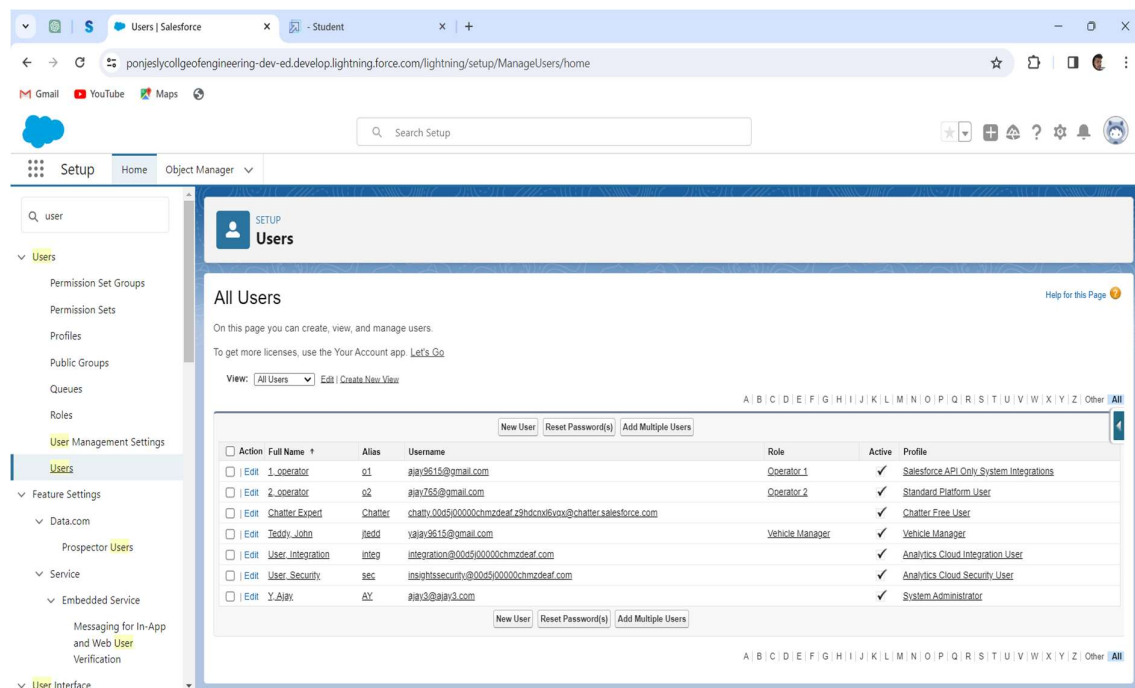


Set up role for Operator 2



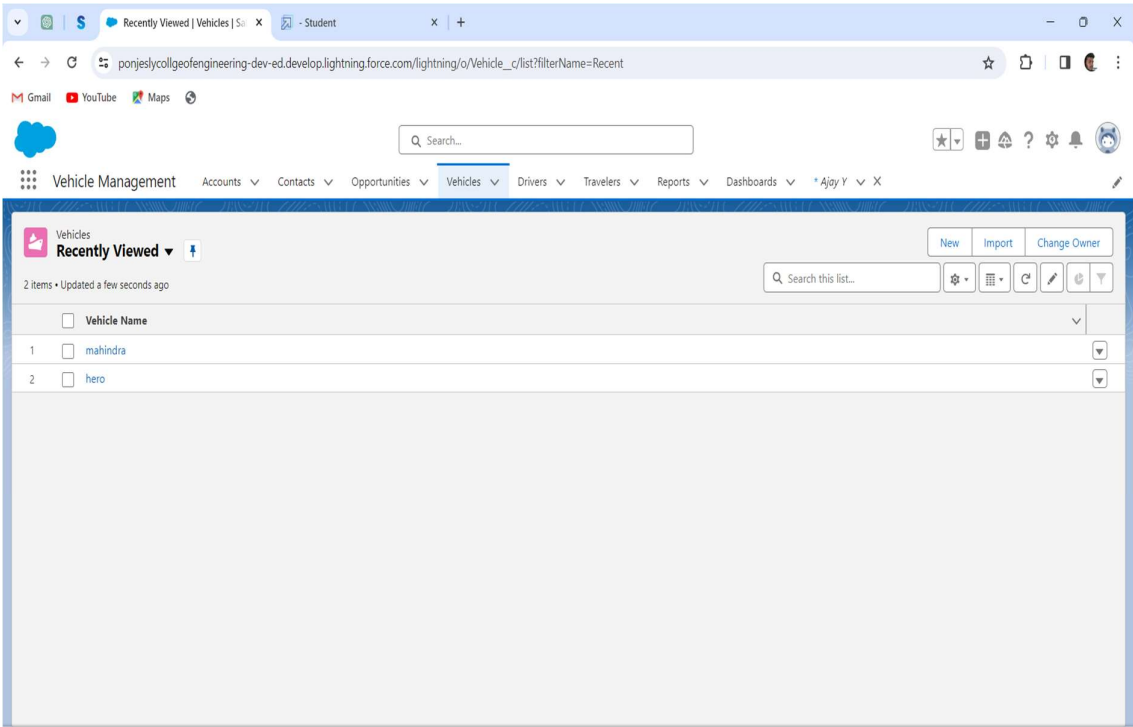
Step 7: Users

Creating a user for operator 1 and operator 2



Step 8: User Adoption

Create vehicle record



View Record

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y X

Vehicle mahindra

New ContactEditNew Opportunity

RelatedDetails

Vehicle Namemahindra

Vehicle noyh65vh7546

vehicletype2, 4 wheelers

ZWHEELERS

4 wheelers

vj)MAHINDRA

chassic no746453467

colourblack

body typemetal

vehicle includesfire extinguisher;first aid kit;multicharger kit;stepney;toolkit;tracing device;tyre;jack

OwnerAjay Y

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y X

Vehicle mahindra

New ContactEditNew Opportunity

fire extinguisher;first aid kit;multicharger kit;stepney;toolkit;tracing device;tyre;jack

conditiongood

mileage15

seats6

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

journey end date02/11/2023, 12:00 pm

total fair

route

Created ByAjay Y, 27/10/2023, 5:30 pm

Last Modified ByAjay Y, 27/10/2023, 5:31 pm

View Record

hero | Vehicle | Salesforce

- Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/r/Vehicle_c/a015j00000ZIR1XAAx/view

GmailYouTubeMaps

Search...

Vehicle Management

Accounts

Contacts

Opportunities

Vehicles

Drivers

Travelers

Reports

Dashboards

Ajay Y

Vehicle

hero

New ContactEditNew Opportunity

Related

Details

Vehicle Name

hero

Owner

Ajay Y

Vehicle no

th76d5464

vehicle type

1.2 wheelers

2WHEELERS

ij HERO

4 wheelers

chassis no

457437

colour

yellow

body type

metal

vehicle includes

toolkit,tracking device,tyre

Driver Flow

hero | Vehicle | Salesforce

- Student

ponjeslycollgeofengineering-dev-ed.develop.lightning.force.com/lightning/r/Vehicle_c/a015j00000ZIR1XAAx/view

GmailYouTubeMaps

Search...

Vehicle Management

Accounts

Contacts

Opportunities

Vehicles

Drivers

Travelers

Reports

Dashboards

Ajay Y

Vehicle

hero

New ContactEditNew Opportunity

vehicle includes

toolkit,tracking device,tyre

condition

good

mileage

35

seats

2

journey start date

03/10/2023, 12:00 pm

journey end date

03/11/2023, 12:00 pm

total fair

route

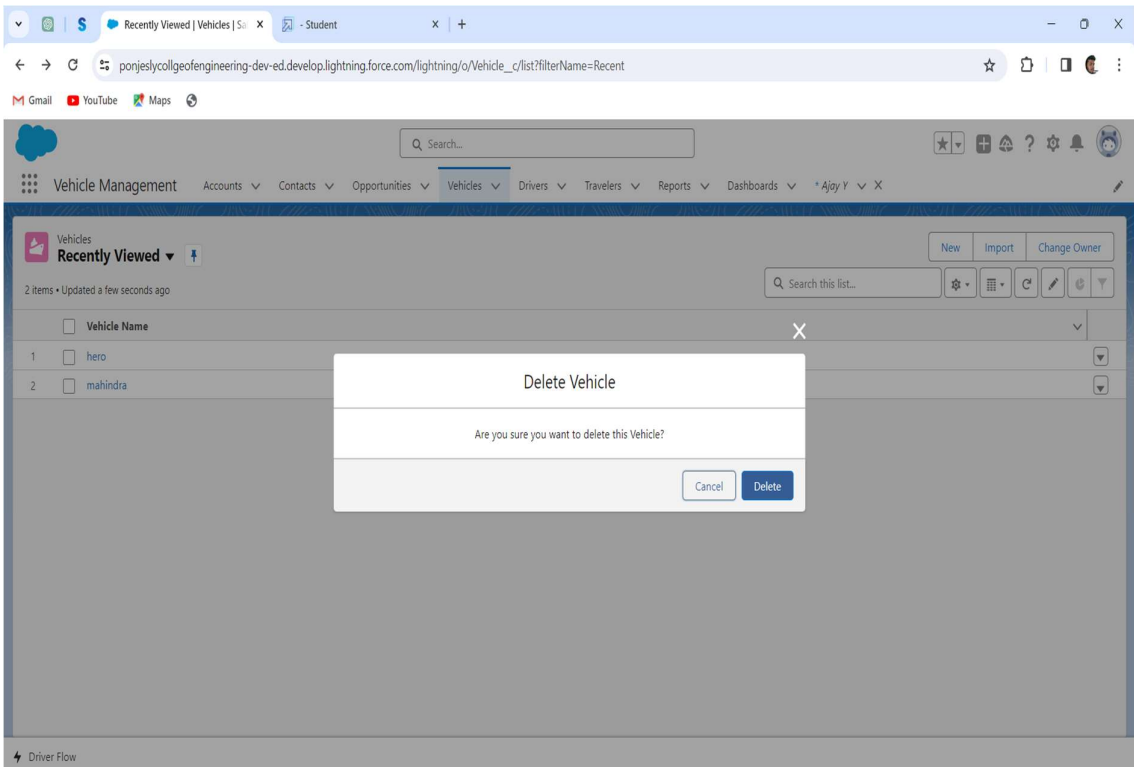
Created By

Ajay Y, 27/10/2023, 5:28 pm

Last Modified By

Ajay Y, 27/10/2023, 5:28 pm

Delete Record



Step 9: Report and Dashboard

Report

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y

ReportsRecent3 items

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

DashboardsRecent1 item

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

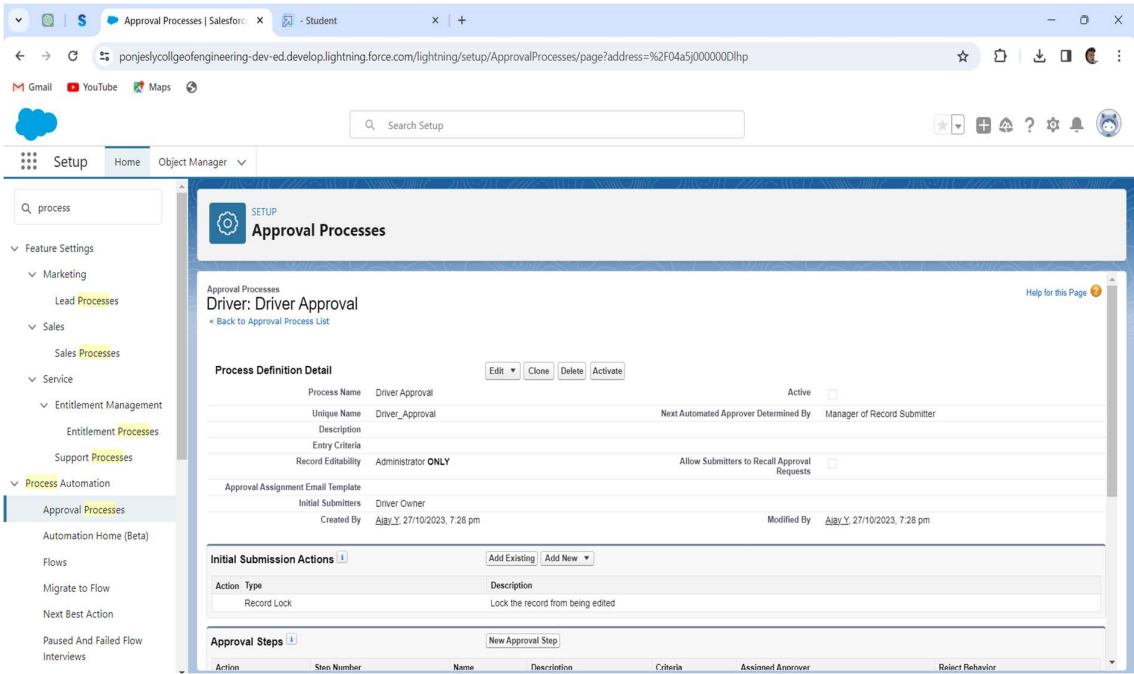
FAVORITES

All Favorites

Driver Flow

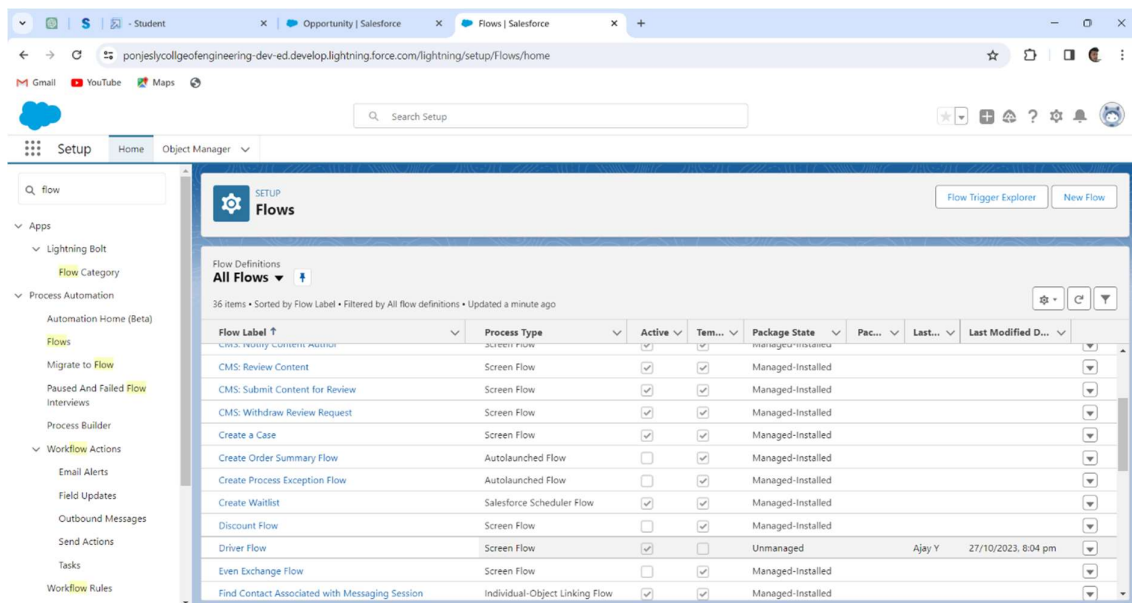
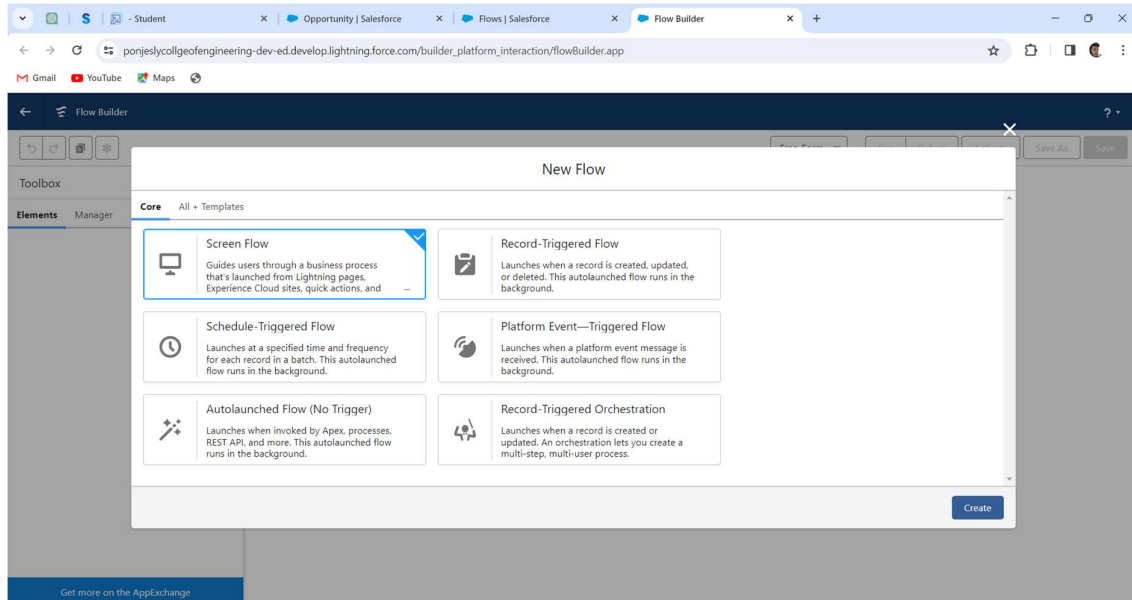
Step 10: Approval Process

Creation of approval Process



Step 11: Screen Flow

Creation of Screen flow



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

Gmail YouTube Maps

Flow Builder

Select Elements

Auto-Layout

Run

Debug

Activate

Save As

Save

Screen Flow
Start

Driver info
Screen

Create Records

End

New Create Records

*Label

*API Name

Description

How Many Records to Create

How to Set the Record Fields

Create a Record from These Values

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

