

NAAN MUDHALVAN

SALESFORCE DEVELOPER PROJECT REPORT

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

COLLEGE: PONJESLY COLLEGE OF ENGINEERING

DONE BY:

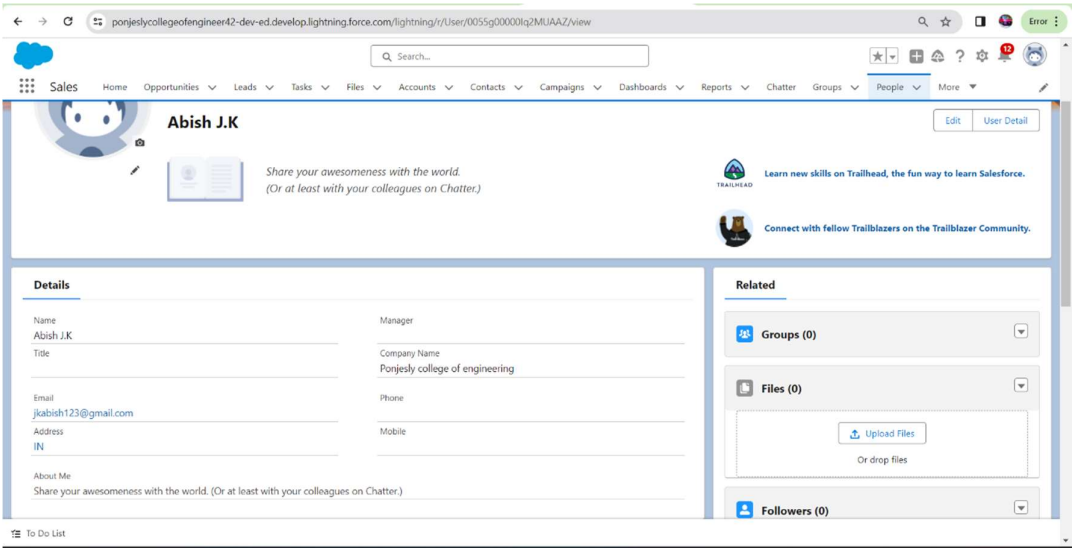
ABISH.J.K

REG NO: 961820114005

NM ID: 7115EFF737E2204BE774C3B62154BC09

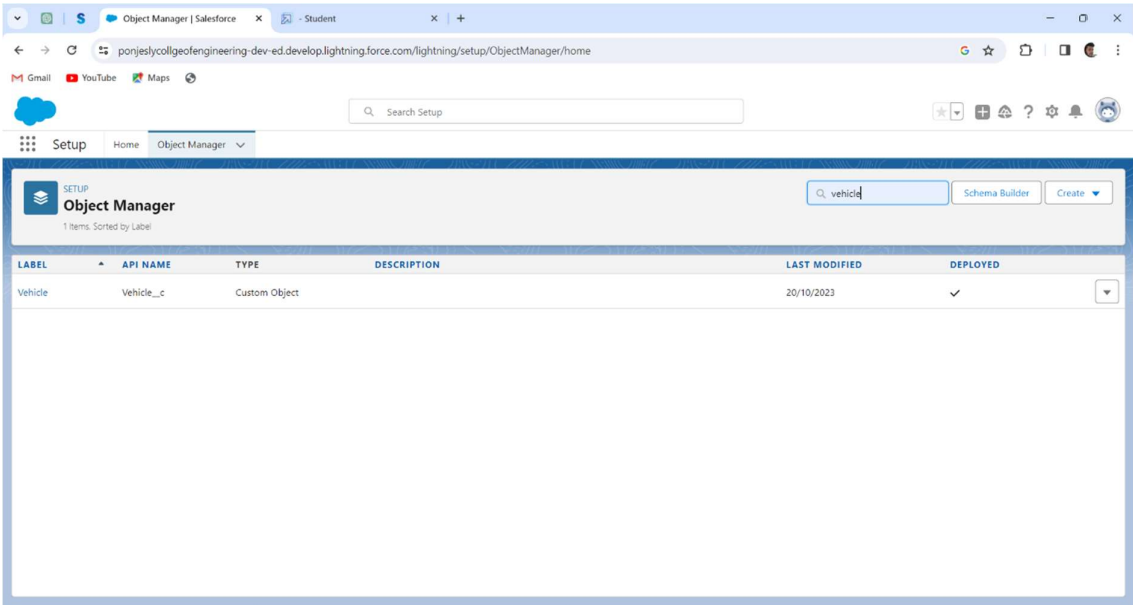
Step 1: Creation Salesforce Org

Creating Developer Account

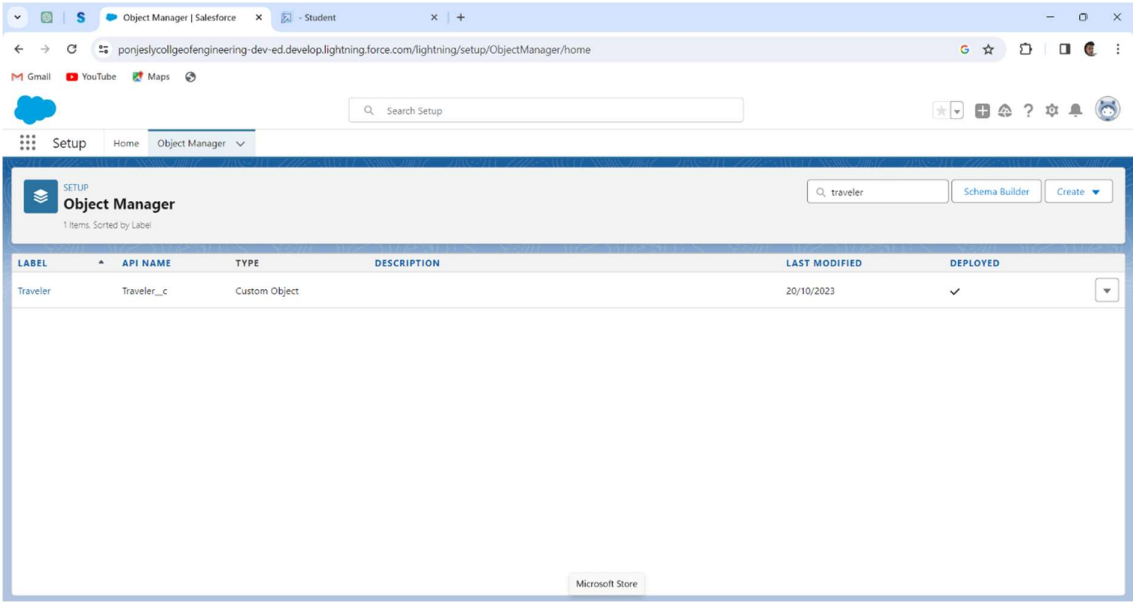


Step 2: To create an object as Vehicle, Driver, Traveler

Vehicle



Traveler



Driver

Object Manager | SalesforceStudent

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

GmailYouTubeMaps

Search Setup

SetupHomeObject Manager

Object Manager

1 Items, Sorted by Label

Q driveSchema BuilderCreate

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

GmailYouTubeMaps

Search Setup

Setup

Home

Object Manager

Vehicle

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

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

GmailYouTubeMaps

Search Setup

Setup

Home

Object Manager

Vehicle

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

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

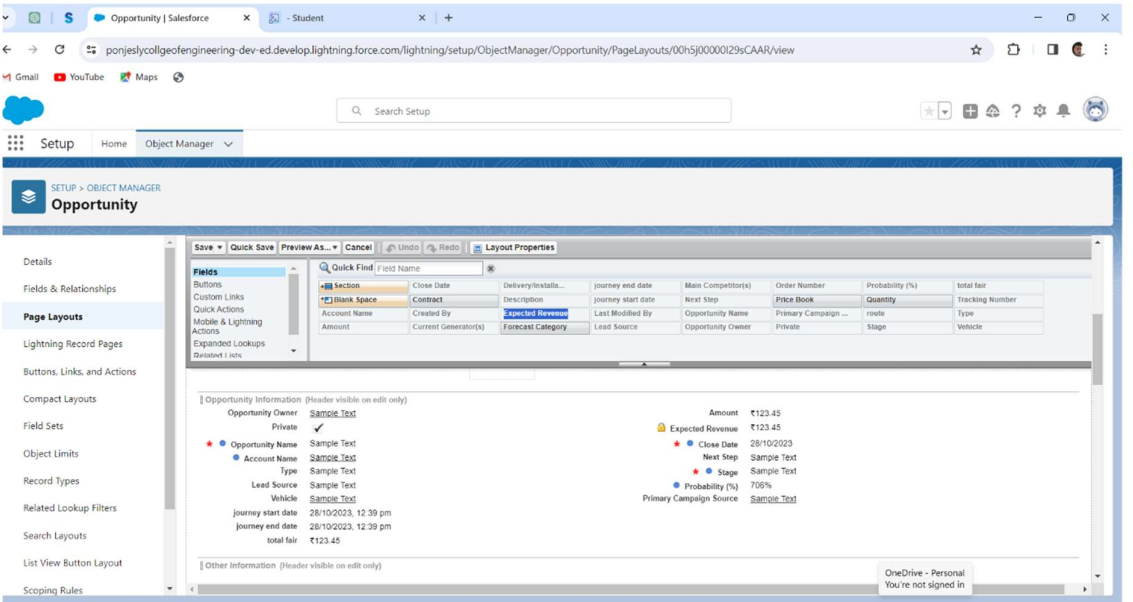
Deleted Fields

Field Dependencies

Set History Tracking

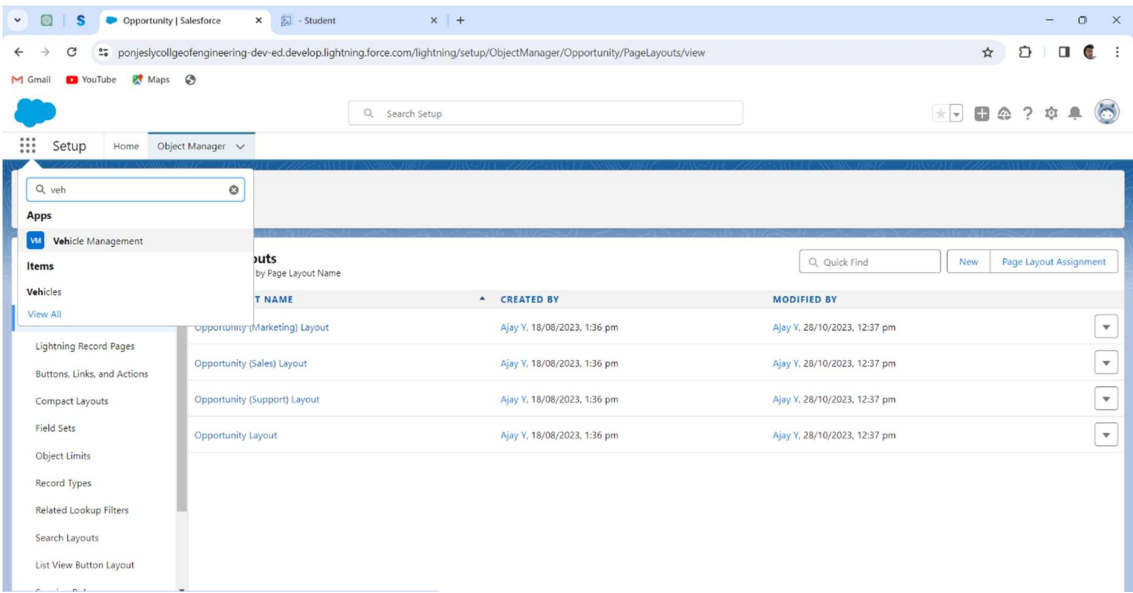
Private	IsPrivate	Checkbox	
Probability (%)	Probability	Percent(3, 0)	
Quantity	TotalOpportunityQuantity	Number(16, 2)	
route	route__c	Long Text Area(32768)	
Stage	StageName	Picklist	
total fair	total_fair__c	Currency(18, 0)	
Tracking Number	TrackingNumber__c	Text(12)	
Type	Type	Picklist	
Vehicle	Vehicle__c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

Step 4: Page layout setup



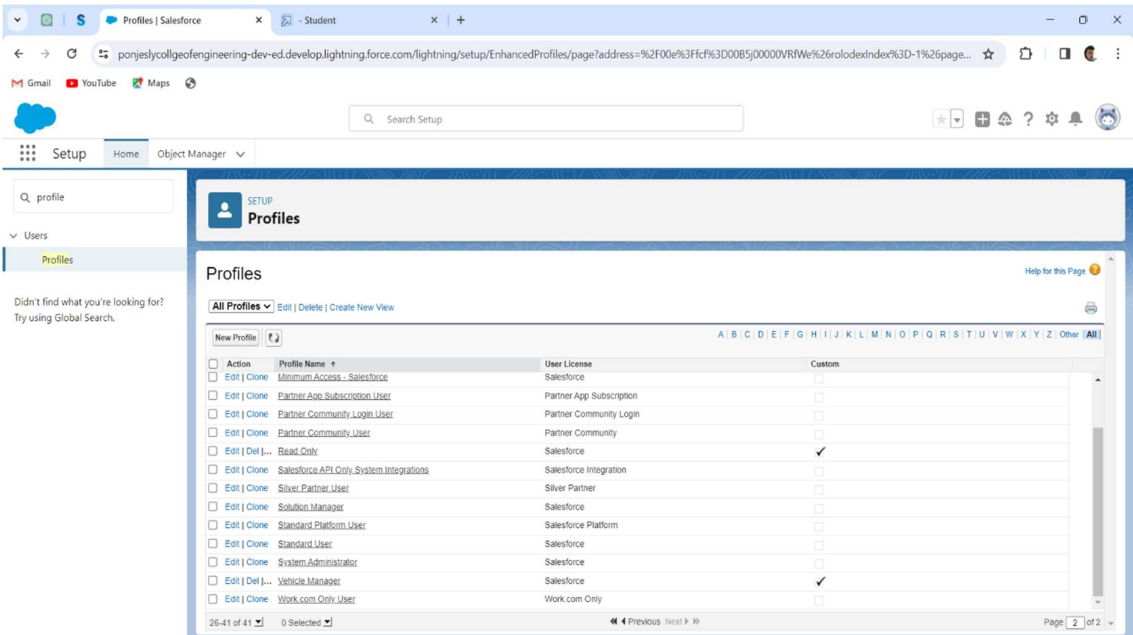
Step 5: Lightning app

Create the vehicle management app

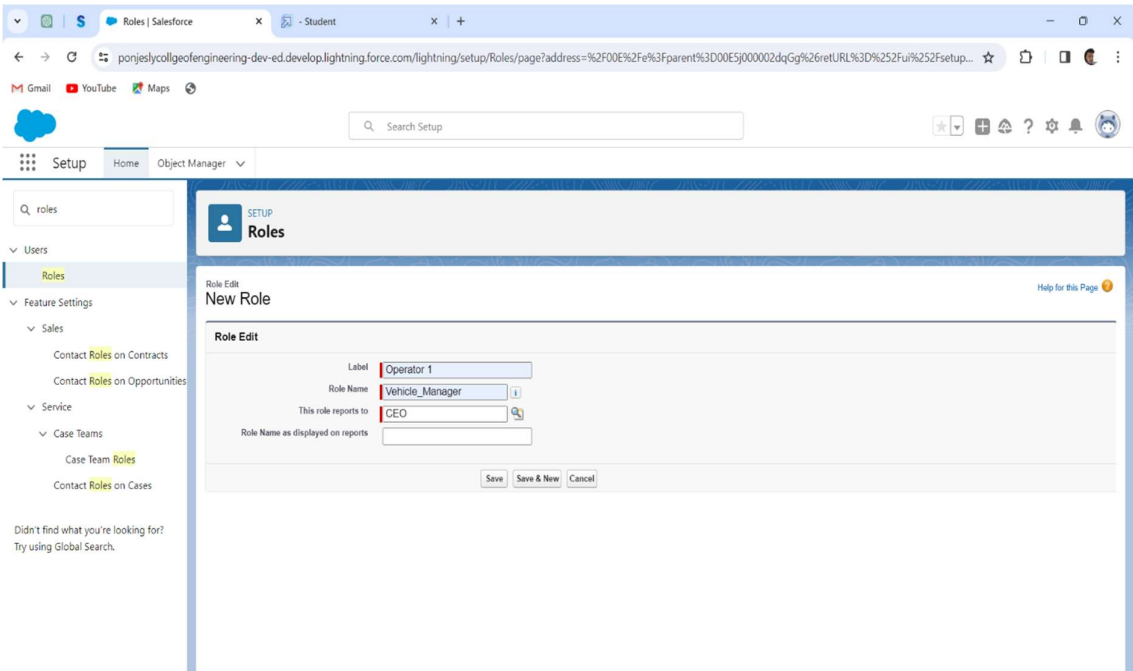


Step 6: Profile

Creating a profile



Set up roles for Operator 1



Set up role for Operator 2

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with 'roles' entered. The 'Roles' link is highlighted. The main content area is titled 'New Role' and contains a 'Role Edit' form. The form fields are: Label (Operator 2), Role Name (Vehicle_Manager), This role reports to (CEO), and Role Name as displayed on reports (empty). At the bottom of the form are buttons for 'Save', 'Save & New', and 'Cancel'.

Step 7: Users

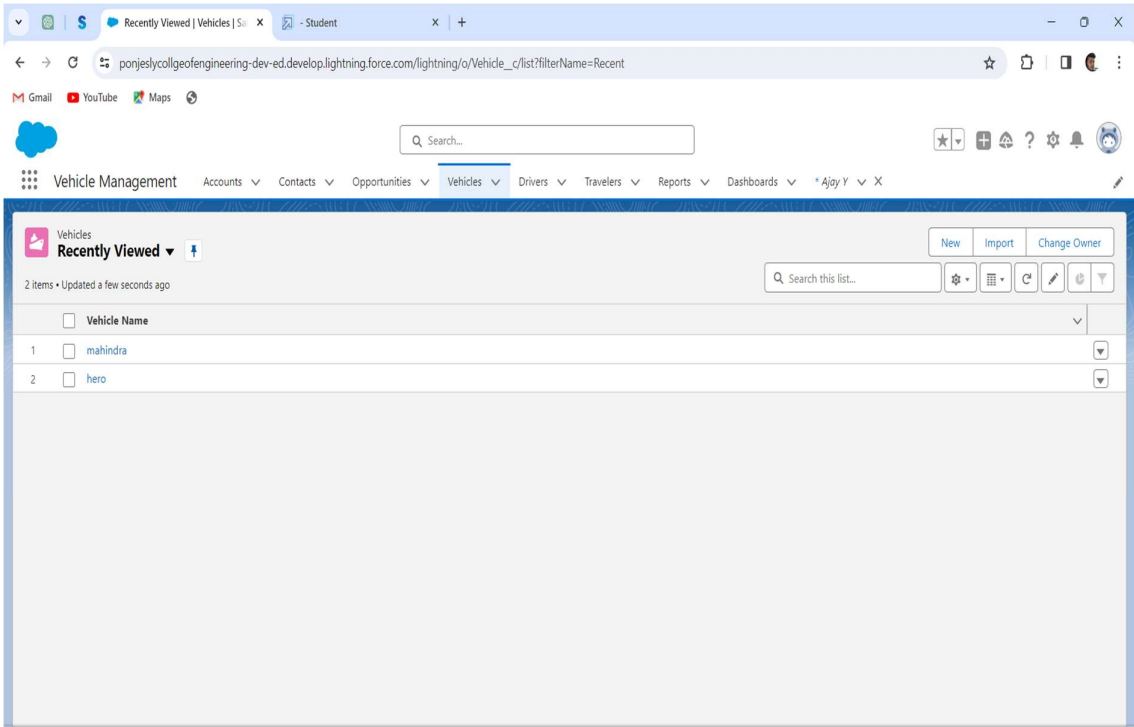
Creating a user for operator 1 and operator 2

The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar has a search bar with 'user' entered. The 'Users' link is highlighted. 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, Active, and Profile. The table contains 8 rows of user data.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	1_operator	o1	ajav9515@gmail.com	Operator 1	✓	Salesforce API Only System Integrations
<input type="checkbox"/> Edit	2_operator	o2	ajav755@gmail.com	Operator 2	✓	Standard Platform User
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatter.005500000chmdaefz9hdcnviyox@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	Teddy John	tedd	valav3615@gmail.com	Vehicle Manager	✓	Vehicle Manager
<input type="checkbox"/> Edit	User Integration	integ	integration@005500000chmdaefz9hdcnviyox@chatter.salesforce.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightssecurity@005500000chmdaefz9hdcnviyox@chatter.salesforce.com		✓	Analytics Cloud Security User
<input type="checkbox"/> Edit	Y.Alex	AY	ajav3@gmail.com		✓	System Administrator

Step 8: User Adoption

Create vehicle record



View Record

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Travelers Reports Dashboards *Ajay Y X

Vehicle mahindra

New Contact Edit New Opportunity

Related Details

Vehicle Name	Owner
mahindra	Ajay Y
Vehicle no	
yh65vh7546	
vehicle type	
2. 4 wheelers	
2WHEELERS	
4 wheelers	
vj MAHINDRA	
classic no	
746453467	
colour	
black	
body type	
metal	
vehicle includes	
fire extinguisher;first aid kit;mult;charger kit;stney;toolkit;tracing	

View Record

Vehicle ManagementAccountsContactsOpportunitiesVehiclesDriversTravelersReportsDashboardsAjay Y

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

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

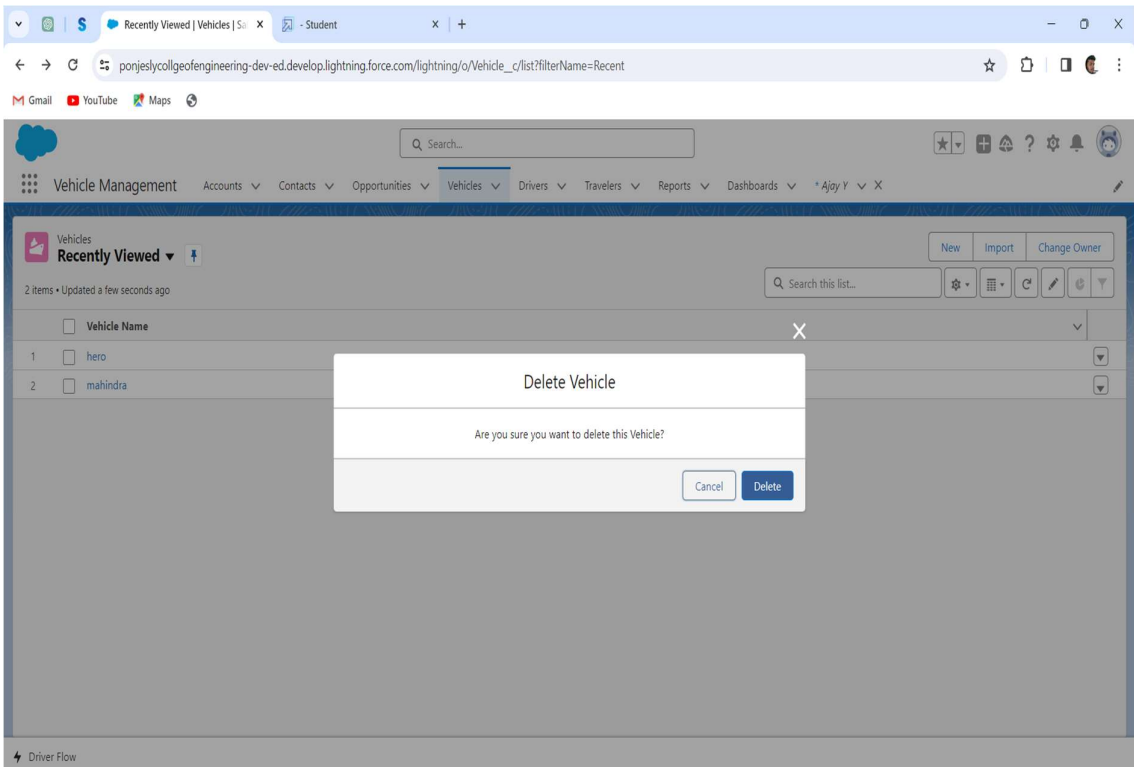
total fair

route

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

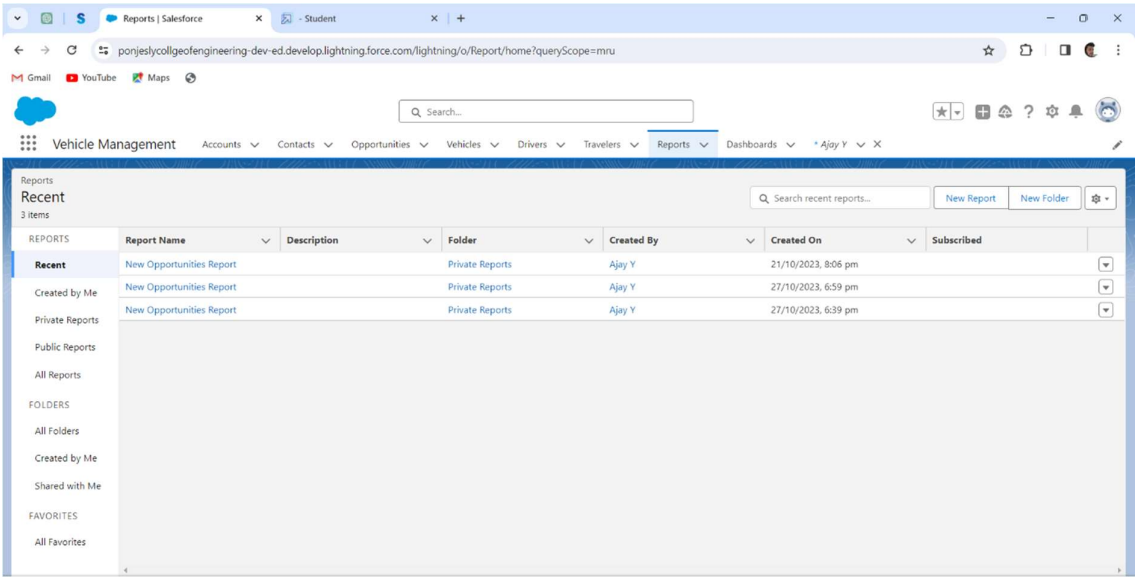
Last Modified ByAjay Y, 27/10/2023, 5:28 pm

Delete Record

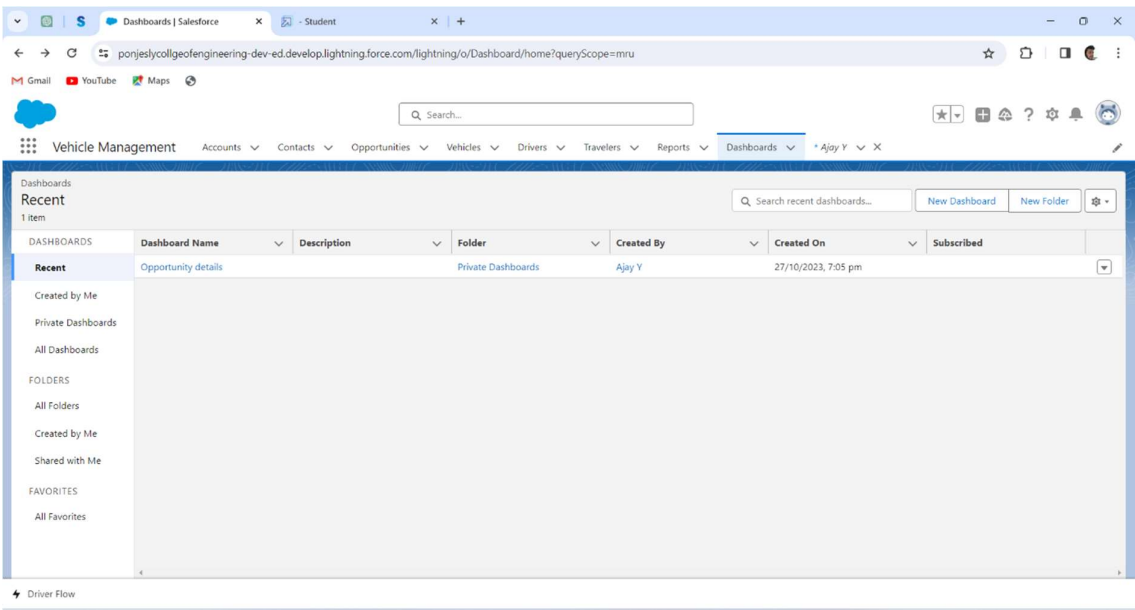


Step 9: Report and Dashboard

Report

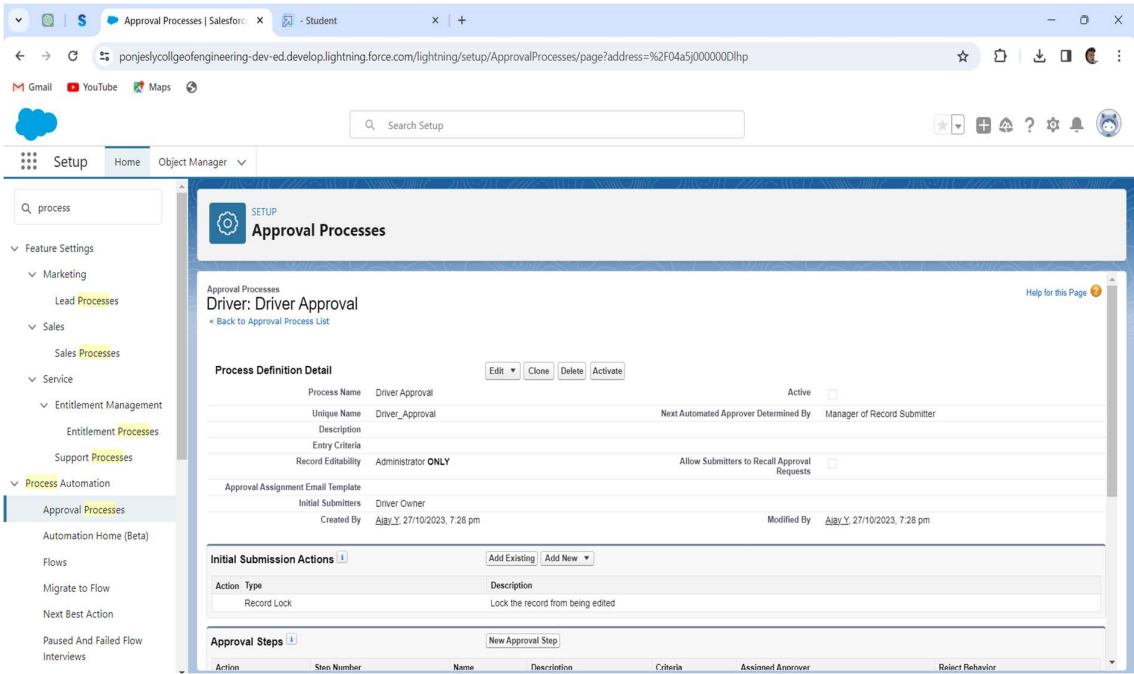


Dashboard



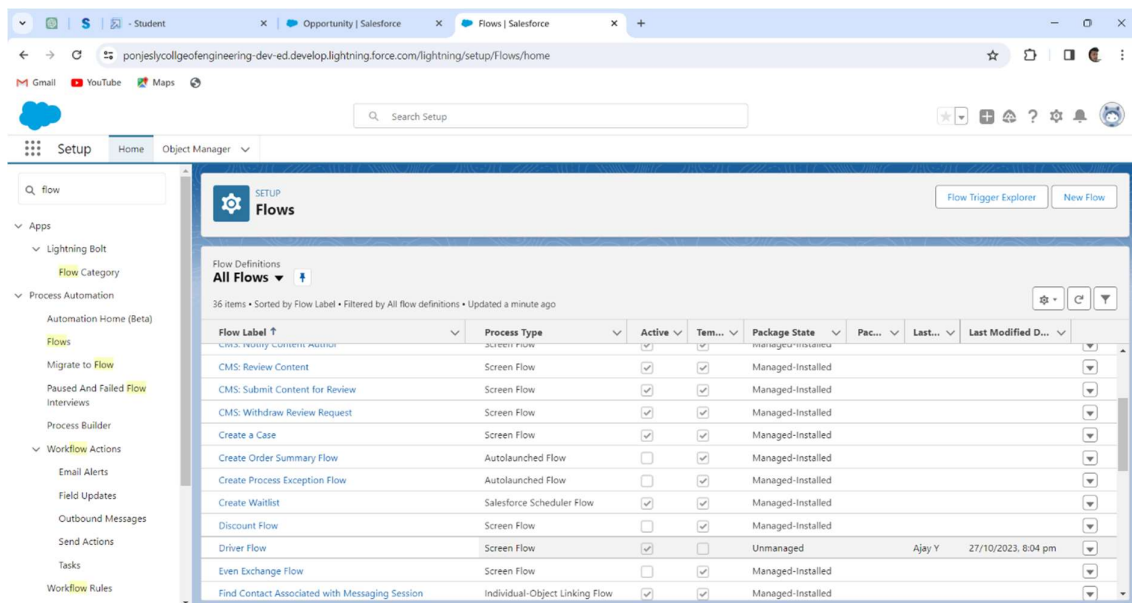
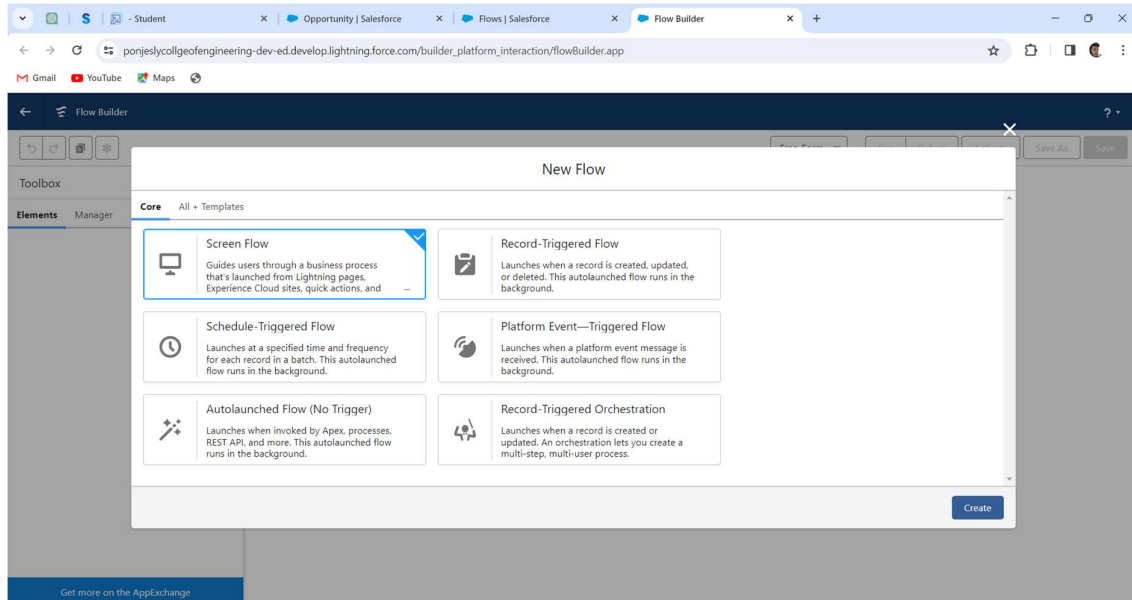
Step 10: Approval Process

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

