

**NAAN MUDHALVAN**

**SALESFORCE DEVELOPER PROJECT REPORT**

**PROJECT TITLE : EMPLOYEE TRAVEL APPROVAL**

**COLLEGE : PONJESLY COLLEGE OF ENGINEERING**

**DONE BY :**

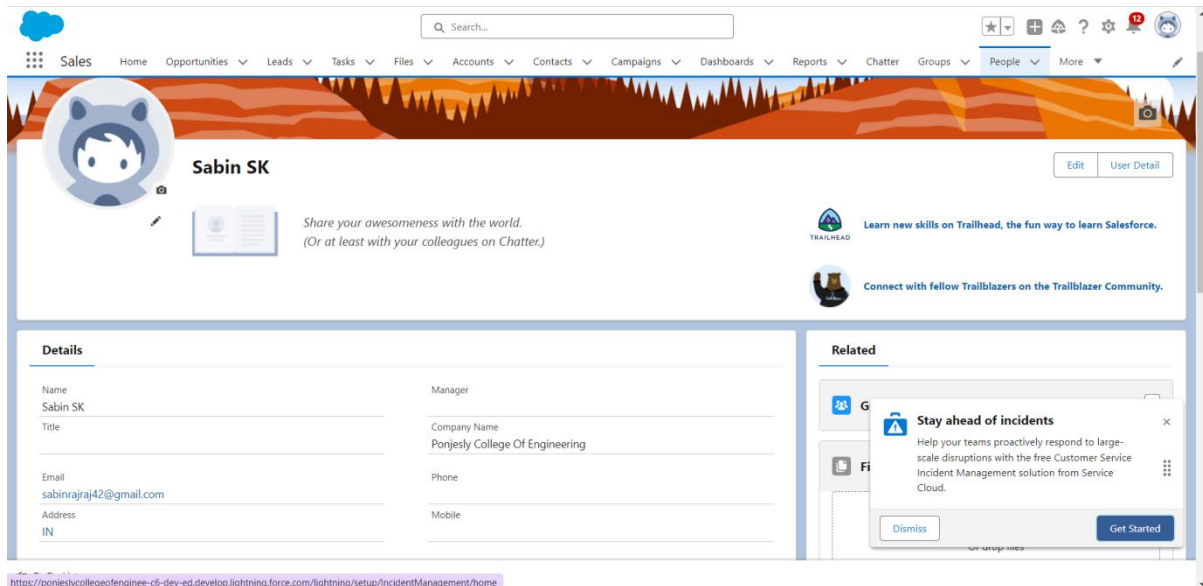
**SABIN SK**

**REG NO : 961820114323**

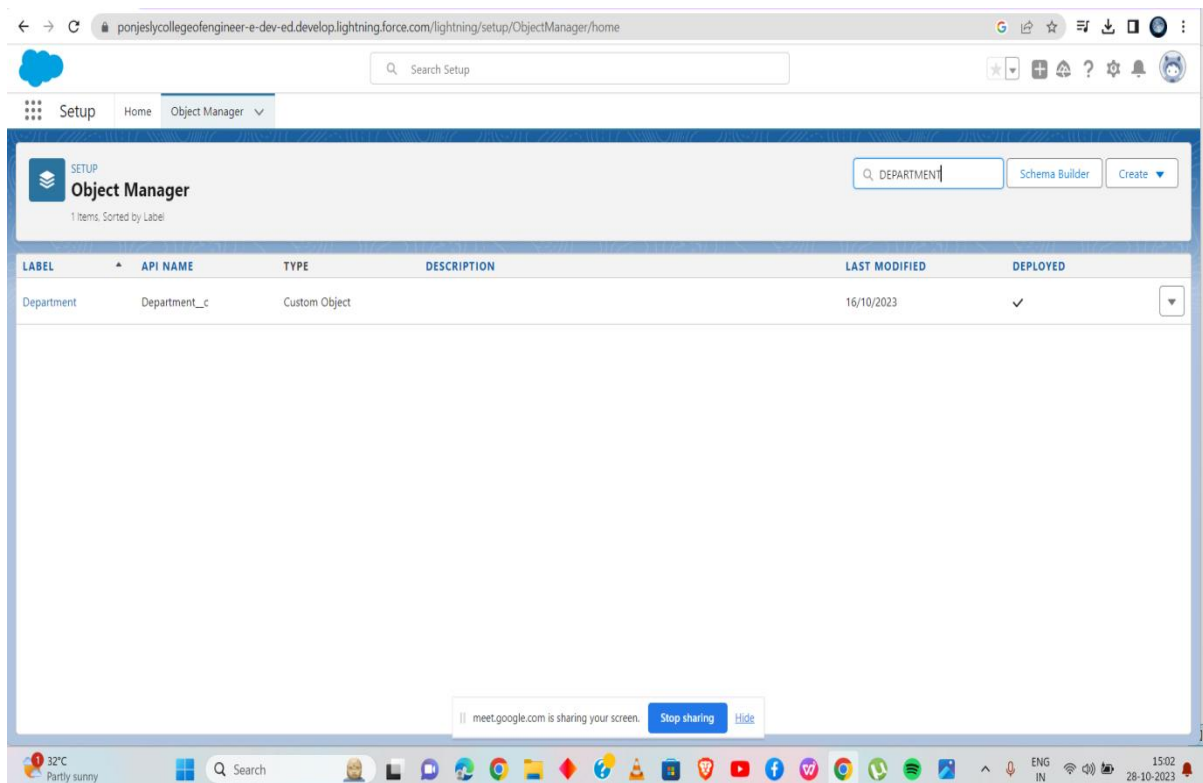
**NM ID :**

**2A3852DE149EA7DBF3147860E3CBE97B**

## Step 1: Create a Salesforce Account



## Step 2: Create the objects (Department, Employee Detail, Expense, Expense Items, Travel Approval)



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

Object Manager

2 Items, Sorted by Label

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Expense	Expense__c	Custom Object		28/10/2023	✓
Expense Item	Expense_Item__c	Custom Object		16/10/2023	✓

32°C Partly sunny

Search

15:08 28-10-2023

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Object Manager

1 Items, Sorted by Label

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Expense Item	Expense_Item__c	Custom Object		16/10/2023	✓

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Search

15:06 28-10-2023

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Search Setup

Setup Home Object Manager

Object Manager

1 Items. Sorted by Label

Employee Detail

Schema Builder Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Employee Detail	Employee_Detail__c	Custom Object		28/10/2023	✓

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Search Setup

Setup Home Object Manager

Object Manager

1 Items. Sorted by Label

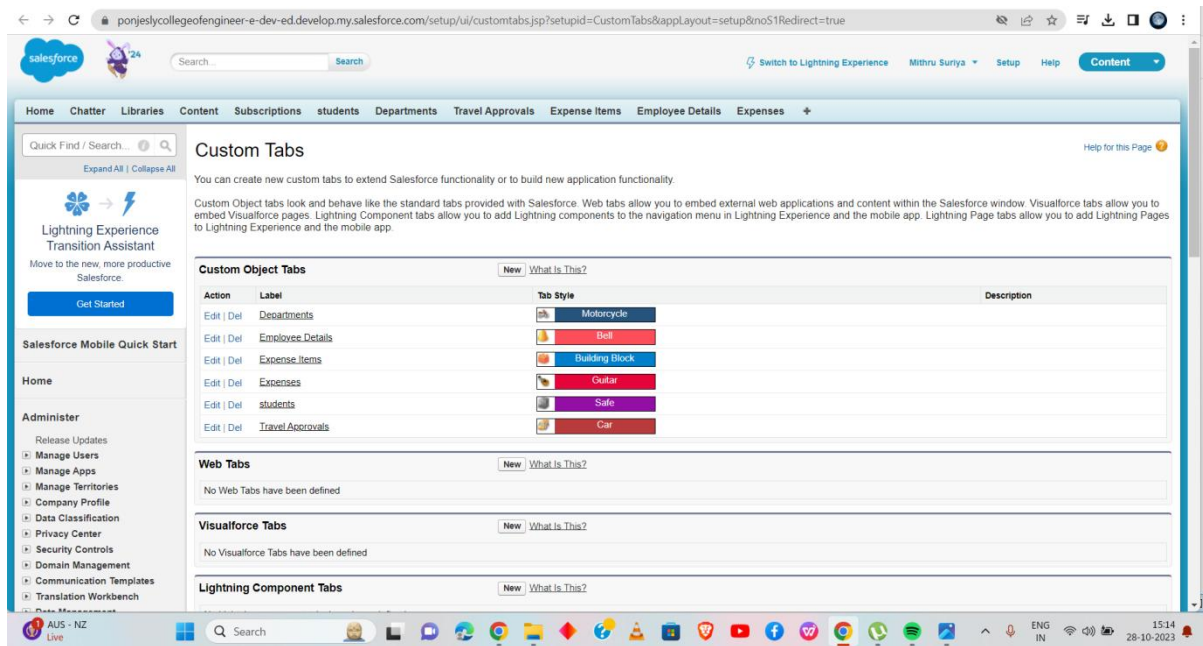
Travel Approval

Schema Builder Create

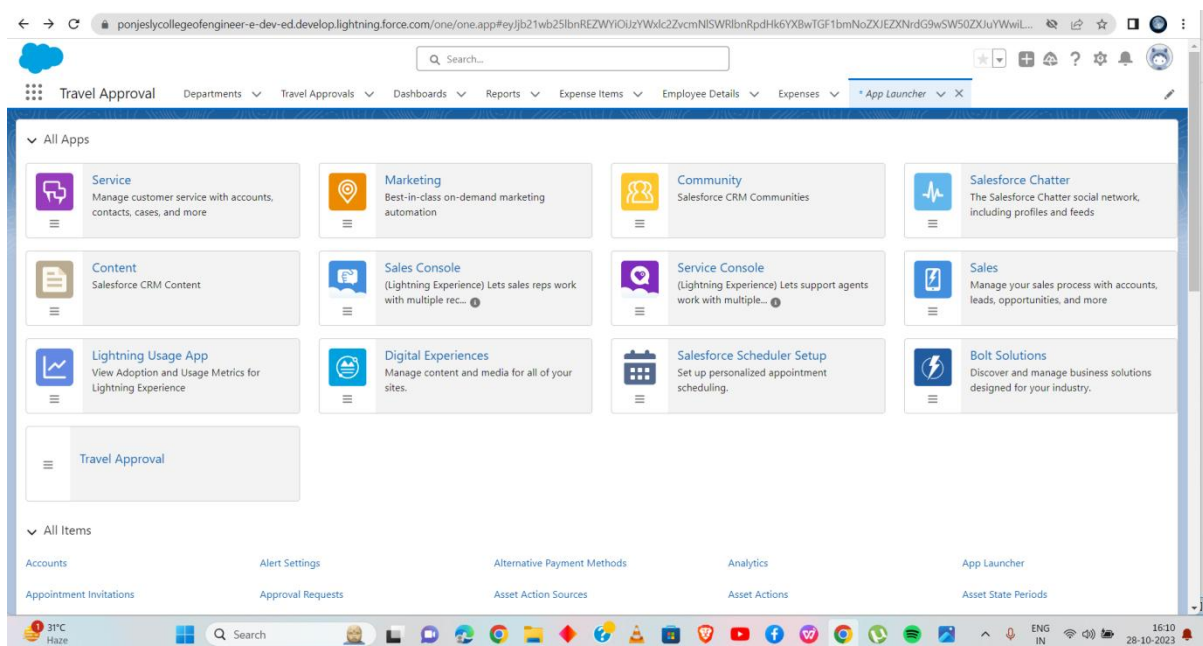
LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Travel Approval	Travel_Approval__c	Custom Object		16/10/2023	✓

32°C Partly sunny Search 15:09 28-10-2023

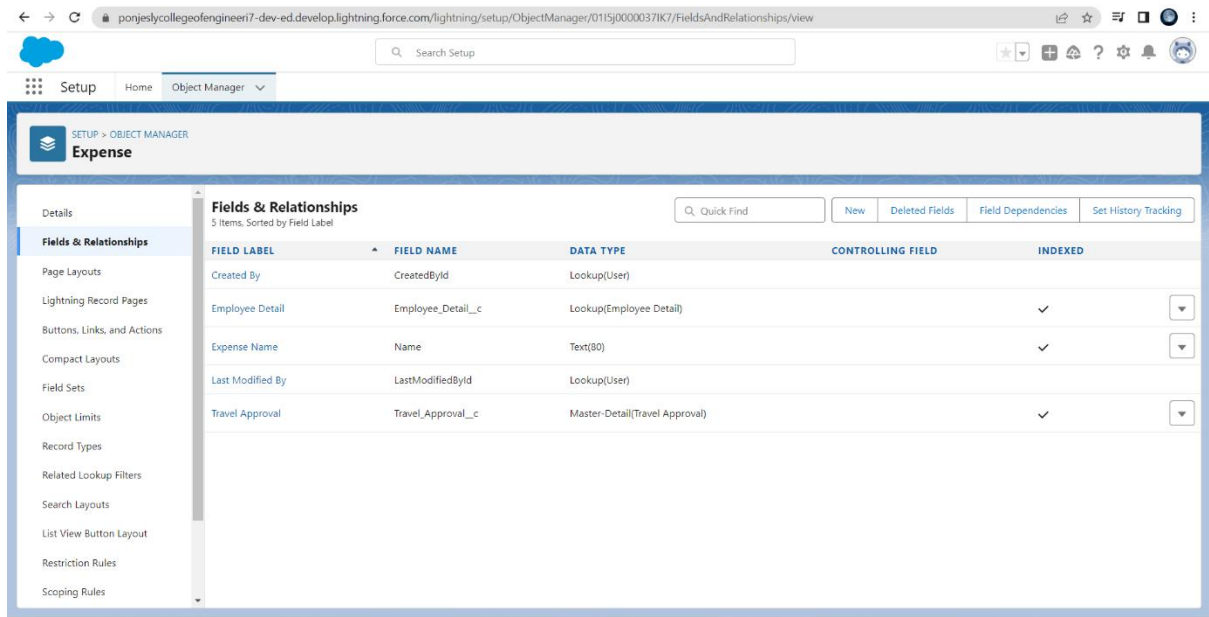
### Step 3: Create the Tabs for each objects (Department, Employee Detail, Expense, Expense Items, Travel Approval)



### Step 4: Create a Lightning App

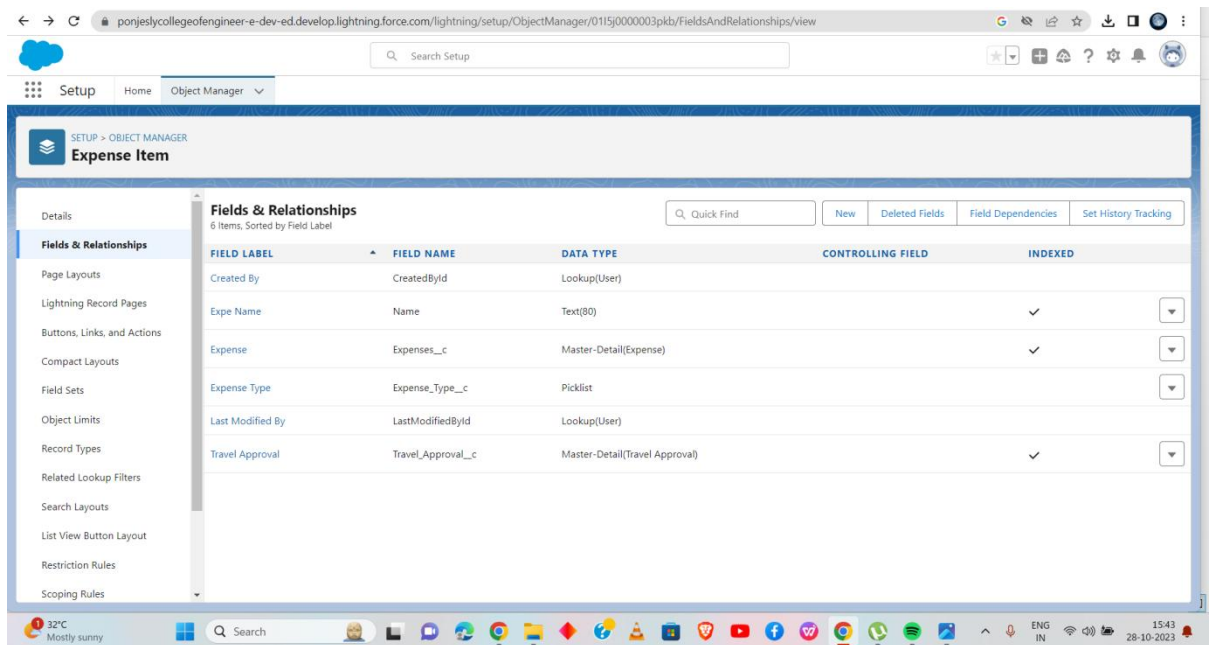


## Step 5: Create the Fields & Relationship for each objects (Department, Employee Detail, Expense, Expense Items, Travel Approval)



The screenshot shows the Salesforce Setup interface for the 'Expense' 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, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Expense' and 'Fields & Relationships'. It shows a table with 5 items, sorted by Field Label. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The items are: Created By (CreatedBy, Lookup(User)), Employee Detail (Employee\_Detail\_\_c, Lookup(Employee Detail), indexed), Expense Name (Name, Text(80), indexed), Last Modified By (LastModifiedBy, Lookup(User)), and Travel Approval (Travel\_Approval\_\_c, Master-Detail(Travel Approval), indexed). There are buttons for 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Employee Detail	Employee_Detail__c	Lookup(Employee Detail)		✓
Expense Name	Name	Text(80)		✓
Last Modified By	LastModifiedBy	Lookup(User)		
Travel Approval	Travel_Approval__c	Master-Detail(Travel Approval)		✓



The screenshot shows the Salesforce Setup interface for the 'Expense Item' 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, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Expense Item' and 'Fields & Relationships'. It shows a table with 6 items, sorted by Field Label. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The items are: Created By (CreatedBy, Lookup(User)), Expe Name (Name, Text(80), indexed), Expense (Expenses\_\_c, Master-Detail(Expense), indexed), Expense Type (Expense\_Type\_\_c, Picklist), Last Modified By (LastModifiedBy, Lookup(User)), and Travel Approval (Travel\_Approval\_\_c, Master-Detail(Travel Approval), indexed). There are buttons for 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Expe Name	Name	Text(80)		✓
Expense	Expenses__c	Master-Detail(Expense)		✓
Expense Type	Expense_Type__c	Picklist		
Last Modified By	LastModifiedBy	Lookup(User)		
Travel Approval	Travel_Approval__c	Master-Detail(Travel Approval)		✓

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Setup Home Object Manager

### Employee Detail

Details

**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)		
Date Of Birth	Date_Of_Birth__c	Date		
Department	Department__c	Lookup(Department)		✓
Employee Detail Name	Name	Text(80)		✓
Employee Id	Employee_Id__c	Text(12)		
Gender	Gender__c	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

32°C Mostly sunny

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Setup Home Object Manager

### Department

Details

**Fields & Relationships**  
5 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)		
Department Code	DepartmentCode__c	Text(10)		
Department Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

32°C Feels hotter



ponjeslycollegeofengineer-e-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115j0000003pkC/FieldsAndRelationships/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGER

Travel Approval

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

Scoping Rules

Fields & Relationships

13 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
Amount	Amount__c	Currency(10, 0)		
Created By	CreatedById	Lookup(User)		
Destination state	Destination_state__c	Text(40)		
Employee Detail	Employee_Detail__c	Lookup(Employee Detail)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Out-of-state	Out_of_state__c	Checkbox		
Owner	OwnerId	Lookup(User,Group)		✓
Purpose of trip	Purpose_of_trip__c	Text(255)		
Status	Status__c	Picklist		
Total Expenses	Total_Expense__c	Roll-Up Summary (MAX Expense Item)		

31°C

Haze

Search

ENG IN

16:09

28-10-2023