

TO SUPPLY LEFTOVER FOOD TO POOR

BY

VELIGARAPU PRIYA KEERTHANA

2111cs030081@mallareddyuniversity.ac.in

Project Abstract

Title: To Supply Leftover Food To Poor.

The Leftover Food Supply Initiative is designed to tackle two pressing issues: food waste and hunger within our community. This project seeks to establish a robust and sustainable system that collects surplus food from various sources—such as local restaurants, grocery stores, and food producers—and redistributes it to individuals and families in need. By addressing both the excess food generated by businesses and the growing food insecurity faced by many, the initiative aims to create a more equitable food distribution network.

Central to the initiative is the establishment of strong partnerships with local food establishments. By collaborating with these businesses, we can facilitate the regular collection of leftover food that would otherwise go to waste. This surplus food will then be directed toward non-profit organizations and shelters that are dedicated to serving low-income populations. Through these partnerships, we not only reduce food waste but also enhance the food supply for those who may not have access to sufficient nutrition.

To ensure the initiative operates efficiently, we plan to integrate technology through the use of Salesforce. This platform will serve multiple purposes: managing inventory, tracking food donations, and coordinating the logistics of distribution. By creating a user-friendly interface, we will enable donors and recipients to connect seamlessly, ensuring that food is collected and distributed in a timely manner. The use of Salesforce will also allow us to gather valuable data, which will be crucial for monitoring our progress and assessing the impact of our efforts.

Logistics will be a critical component of the initiative. We will develop a framework that outlines the procedures for collecting and distributing food, emphasizing safety and

compliance with food handling regulations. This includes training volunteers and staff on proper food safety practices to ensure that all distributed food is safe for consumption. Our goal is to create a reliable system that can handle the logistics of food redistribution while maintaining high safety standards.

Community engagement will play a significant role in the success of this initiative. We will launch awareness campaigns aimed at educating the public about the importance of food donations and the issues surrounding food waste and hunger. These campaigns will encourage individuals and businesses to participate actively in the program, fostering a sense of community and shared responsibility. Additionally, we will involve local schools and community groups, providing them with opportunities to volunteer and contribute to the project.

As we implement this initiative, we will set measurable goals to evaluate our effectiveness. Key metrics will include the amount of food collected and distributed, the number of beneficiaries reached, and the overall impact on food waste reduction in the community. By utilizing Salesforce analytics, we will continuously monitor our performance and make data-driven decisions to enhance our operations.

Ultimately, the Leftover Food Supply Initiative aims to create a sustainable and equitable food system that benefits both those experiencing food insecurity and the environment by minimizing waste. By forging partnerships, leveraging technology, and engaging the community, we hope to make a meaningful difference in the lives of individuals and families in need. In the coming weeks, our next steps will involve finalizing partnerships with food suppliers, launching the Salesforce platform, and initiating pilot programs in targeted areas to refine our approach based on feedback and observed outcomes. Through these efforts, we aspire to foster a culture of giving and support, ensuring that no one in our community goes hungry while simultaneously reducing food waste.

Keywords: Salesforce, Application, Custom Objects, Lightning App, Fields, Page Layouts, Profiles, Role, Permission Sets, Reports, Dashboards, Apex .

INDEX Page

Topics

Topic no 1	Introduction to Salesforce
Topic no 2	Object
Topic no 3	Tabs
Topic no 4	The Lightning App
Topic no 5	Fields
Topic no 6	Flows
Topic no 7	Trigger
Topic no 8	Profiles
Topic no 9	Creation Of Users
Topic no 10	Public Groups
Topic no 11	Reports Types
Topic no 12	Reports
Topic no 13	Dashboards
Topic no 14	Sharing Rules
Topic no 15	Home Page

Task 1: Introduction to Salesforce

1.1 Creating Developer Account: Creating a developer org in salesforce. Go to <https://developer.salesforce.com/signup>. On the sign up form, enter the following details : First name & Last name, Email Role : Developer, Company : College Name, County : India Postal Code : pin code, Username : should be a combination of your name and company. This need not be an actual email id, you can give anything in the format

:username@organization.com Click on sign me up after filling these.

Build enterprise-quality apps fast to bring your ideas to life

- Build apps fast with drag and drop tools
- Customize your data model with clicks
- Go further with Apex code
- Integrate with anything using powerful APIs
- Stay protected with enterprise-grade security
- Customize UI with clicks or any leading-edge web framework

Sign up for your Salesforce Developer Edition
A Salesforce Platform environment for free.

Complete the form to get access to the Salesforce Developer Edition.

First Name*
Your first name

Last Name*
Your last name

Email*
Your email address

Role*
Your job role

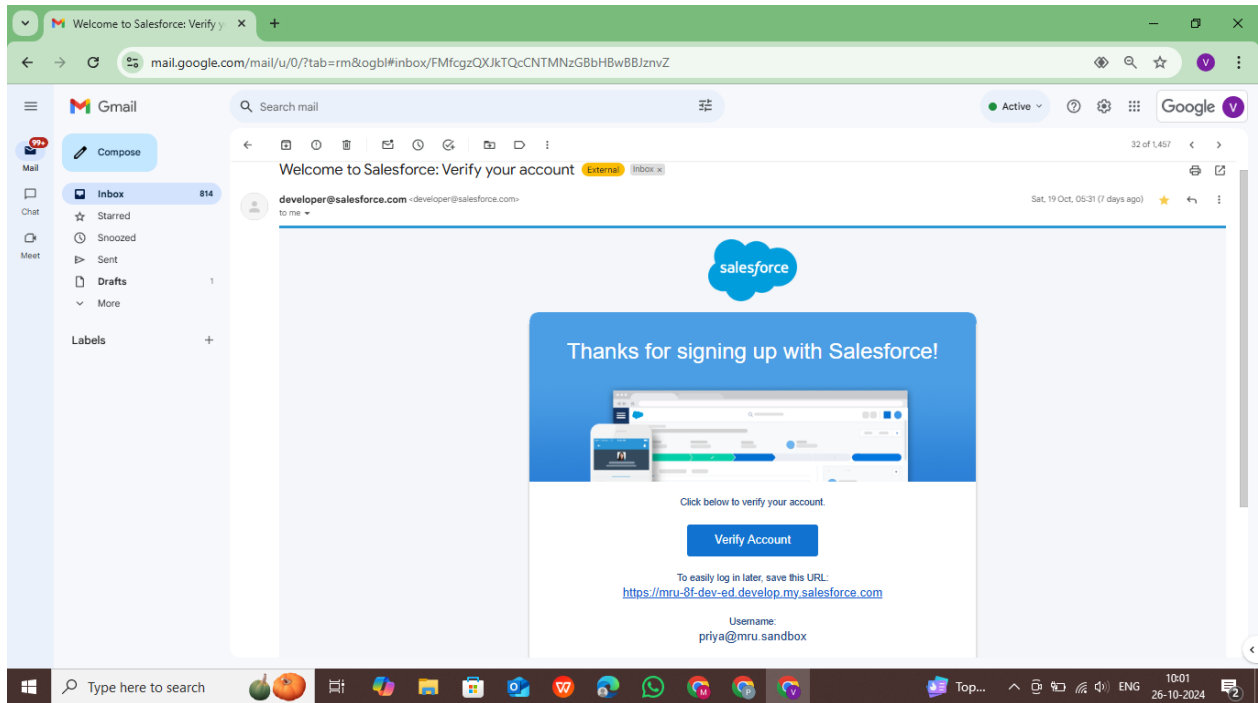
Company*
Company Name

Country/Region*
Country/Region

Postal Code*
Your postal code

1.2 Account Activation:

Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins.



Task 2: Object

2.1 Create Venue Object

1. To create an object: From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
2. Enter the label name >> Venue.
3. Plural label name >> Venues.
4. Enter Record Name Label and Format
--Record Name >> Venue Name

--Data Type >> Text.
5. Click on Allow reports and Track Field History, Allow Activities.
6. Allow search >> Save.

2.2 Create Drop-Off Point Object

1. To create an object:
From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.

- a. Enter the label name >> Drop-Off Point
 - b. Plural label name>> Drop-Off Points
 - c. Enter Record Name Label and Format
 - Record Name >> Drop-Off point Name
 - Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities
 3. Allow search >> Save.

2.3 Create Task Object

To create an object:

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
 - a. Enter the label name>> Task
 - b. Plural label name>> Tasks
 - c. Enter Record Name Label and Format
 - Record Name >> Task Name
 - Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities
3. Allow search >> Save

2.4 Create Volunteer Object

To create an object:

1. From the setup page >> Click on Object Manager>> Click on Create >> Click on Custom Object.
 - a. Enter the label name>> Volunteer
 - b. Plural label name>> Volunteers
 - c. Enter Record Name Label and Format
 - Record Name >> Volunteer Name
 - Data Type >> Text

2. Click on Allow reports and Track Field History, Allow Activities
3. Allow search >> Save.

2.5 Create Execution Details Object

To create an object:

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
 - a. Enter the label name >> Execution Detail
 - b. Plural label name >> Execution Details
 - c. Enter Record Name Label and Format
--Record Name >> Execution Detail Name

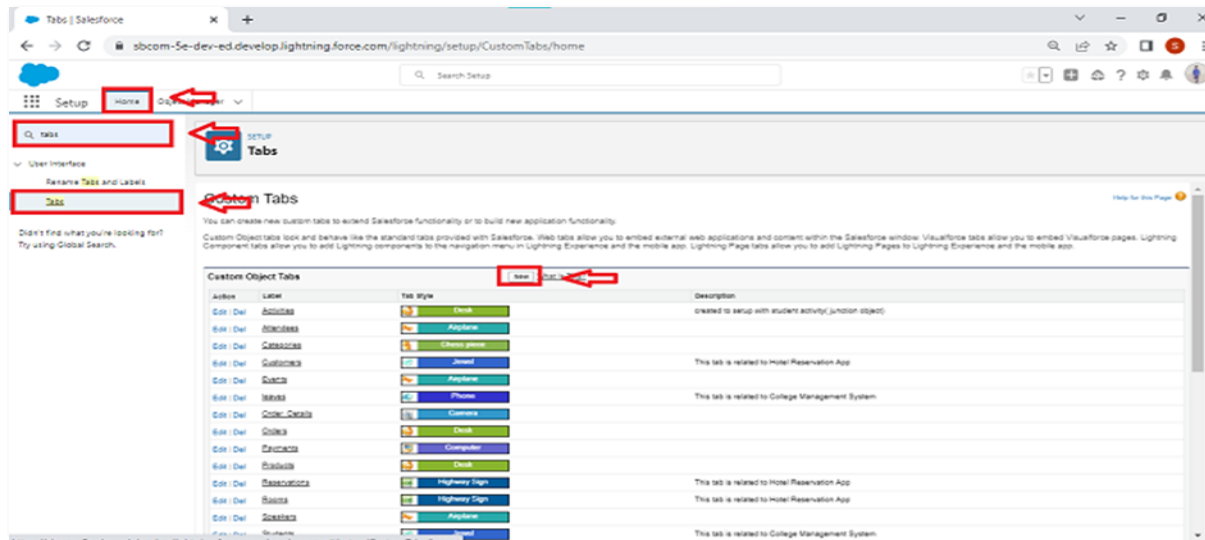
--Data Type >> Text
2. Click on Allow reports and Track Field History, Allow Activities
3. Allow search >> Save.

Task 3 : Tabs

3.1 Creating a Custom Tab

To create a Tab:(Venue)

1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)

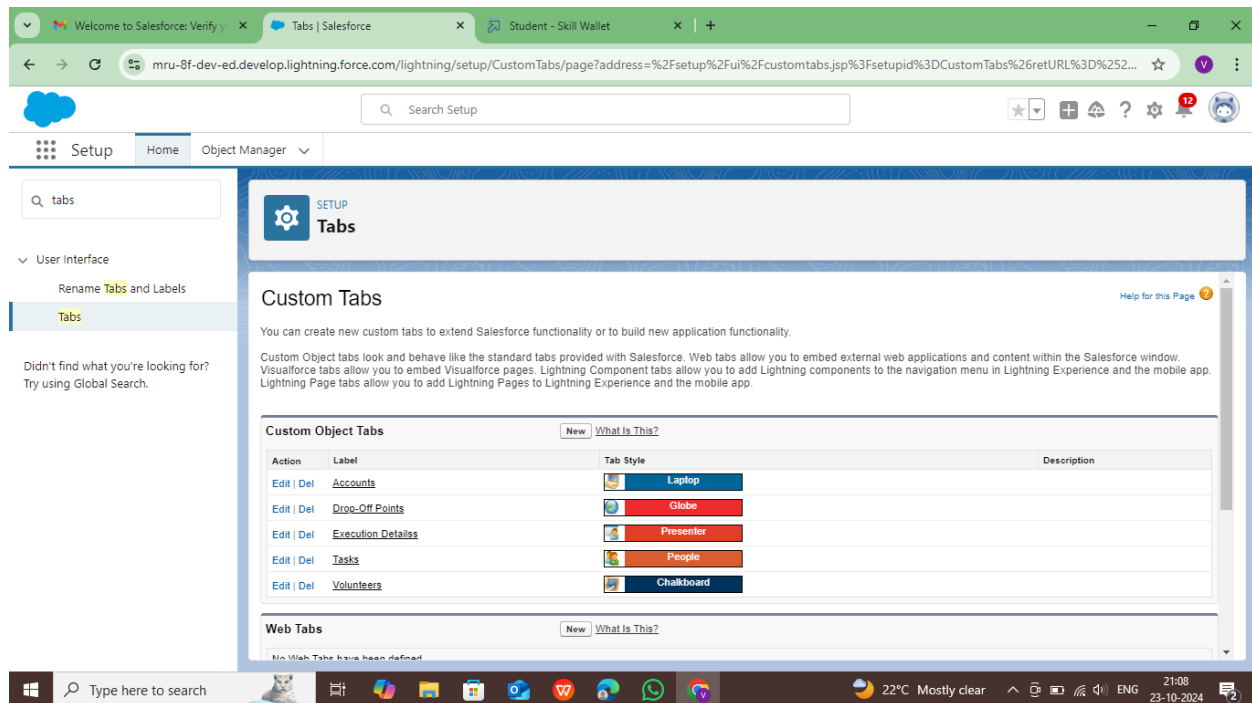


1. Select Object(Venue) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab .
2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save.

3.2 Creating Remaining Tabs

Now create the Tabs for the remaining Objects, they are “Drop-Off Point, Task, Volunteer, Execution Details”.

Follow the same steps as mentioned in Activity -1 .

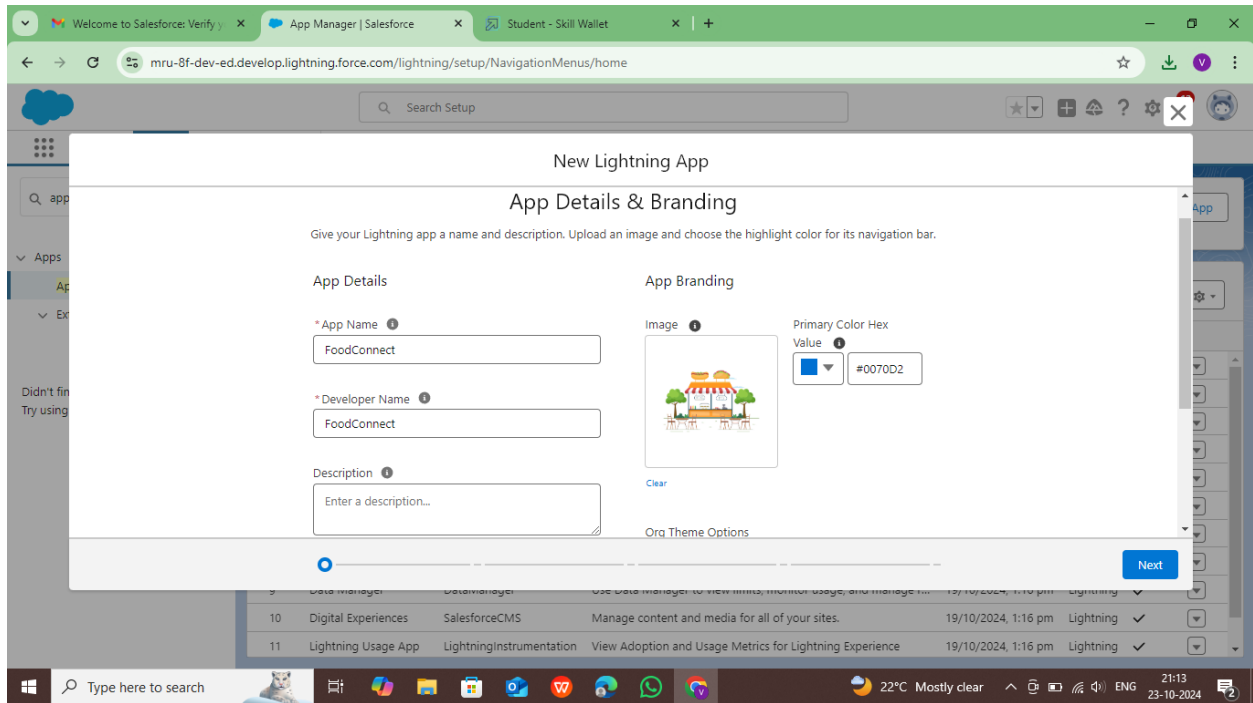


Task 4 : The Lightning App

4.1 Create a Lightning App

To create a lightning app page:

1. Go to setup page >> search "app manager" in quick find >> select "app manager" >> click on New lightning App.
2. Fill the app name in app details and branding as follow
 App Name : FoodConnect
 Developer Name : This will auto populated
 Image : optional (if you want to give any image you can otherwise not mandatory)
 Primary color hex value : keep this default.

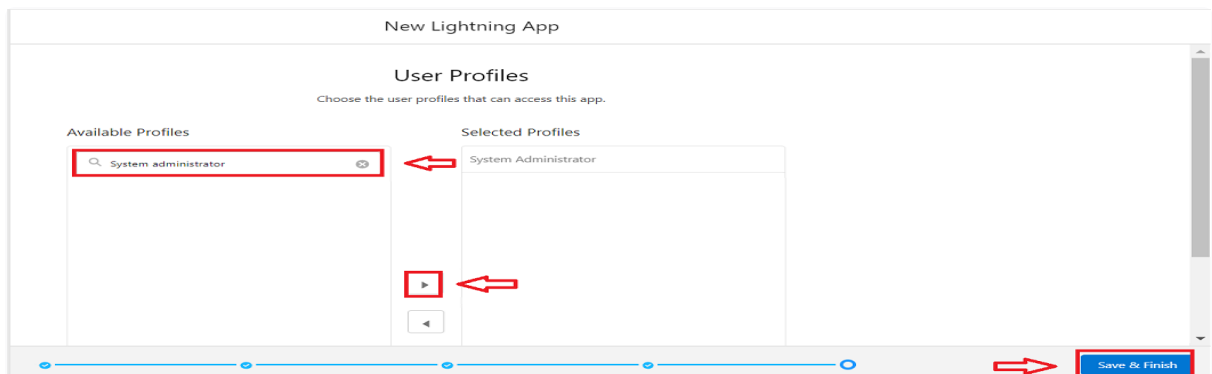


3. Then click Next >> (App option page) Set Navigation Style as Standard Navigation >> Next.

4. (Utility Items) keep it as default >> Next.

5. To Add Navigation Items: Search for the item in the (Home, Venue, Drop-Off Point, Task, Volunteer, Execution Details, Reports) from the search bar and move it using the arrow button >> Next >> Next.

6. To Add User Profiles:



Search profiles (System administrator) in the search bar >> click on the arrow button >> save & finish.

Task 5 : Fields

5.1 Creation of Relationship fields in objects

- Creation of Lookup Relationship Field on Volunteer Object :

Go to setup >> click on Object Manager >> type object name(Volunteer) in the search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Master Detail relationship

Select the related object "Drop-Off point" and click next.

Field Name : Drop_Off_point

Field label : Auto generated

Next >> Next >> Save.

- Creation of Master Detail Relationship Field on Execution Details Object :

Go to setup >> click on Object Manager >> type object name(Execution Details) in the search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Master Detail relationship

Select the related object "Volunteer" and click next.

Field Name : Volunteer

Field label : Auto generated

Next >> Next >> Save.

- Creation of Master Detail Relationship Field on Execution Details Object :

Go to setup >> click on Object Manager >> type object name(Execution Details) in the search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Master Detail relationship

Select the related object "Task" and click next.

Field Name : Task

Field label : Auto generated

Next >> Next >> Save.

- Creation of Lookup Relationship Field on Drop-Off Point Object :

Go to setup >> click on Object Manager >> type object name(Task) in the search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Lookup relationship

Select the related object "Drop-Off Point" and click next.

Field Name : Venue

Field label : Venue__c

Next >> Next >> Save.

- Creation of Lookup Relationship Field on Task Object :

Go to setup>> click on Object Manager >> type object name(Task) in the search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Lookup relationship

Select the related object "Venue" and click next.

Field Name : Sponsored By

Field label : Auto generated

Next >> Next >> Save.

- Creation of Lookup Relationship Field on Task Object :

Go to setup>> click on Object Manager >> type object name(Task) in the search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Lookup relationship

Select the related object "Drop-Off point" and click next.

Field Name : Drop-Off point

Field label : Auto generated

Next >> Next >> Save.

5.2 Creation of fields for the Venue object

Go to setup>> click on Object Manager >> type object name(Venue) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Email" and Click on Next

Fill the Above as following:

Field Label : Contact Email

Field Name : Contact Email

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Phone" and Click on Next

Fill the Above as following:

Field Label : Contact Phone

Field Name : Contact Phone

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Venue) in search bar >>click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Geolocation" and Click on Next

Fill the Above as following:

Field Label : Location

Decimal Places : 4

Field Name : Location

Description : Enter the Geolocation of your Venue

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

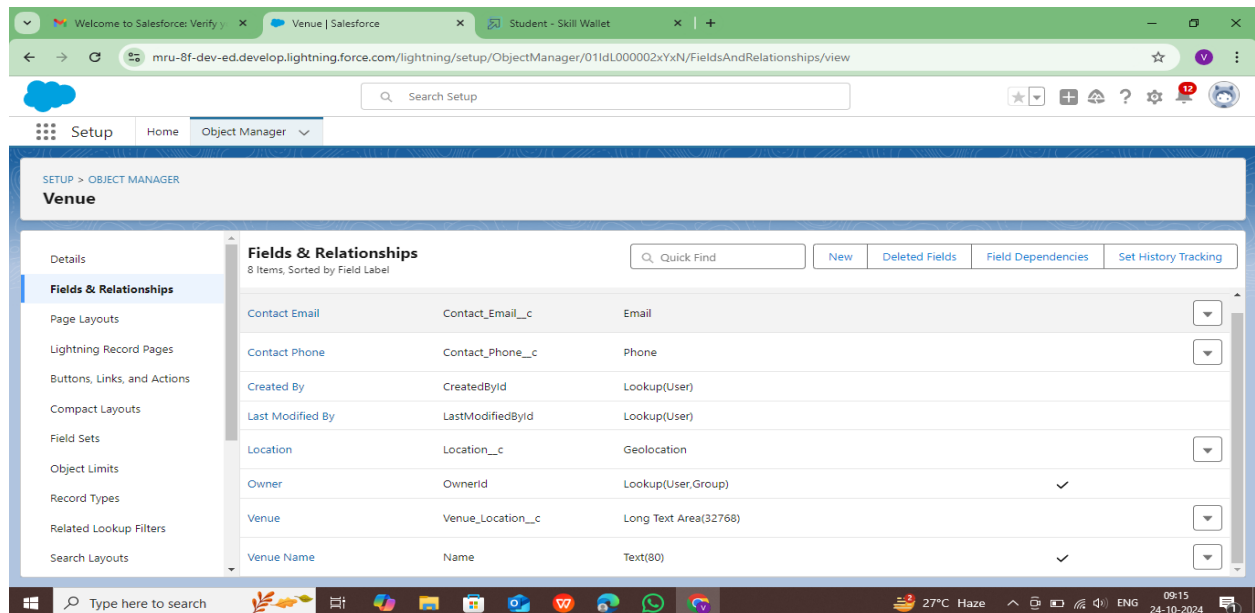
Select Data type as a "Long Text Area" and Click on Next

Fill the Above as following:

Field Label : Venue Location

Field Name : Venue_Location

Click on Next >> Next >> Save and new



4.3 Creation of fields for the Drop-Off point object

Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.

Now click on “Fields & Relationships” >> New

Select Data type as a “Geolocation” and Click on Next

Fill the Above as following:

Field Label : Location 2

Field Name : gets auto generated

Description : Enter the Geolocation of the Drop off Point

Geolocation Options : select Decimal

Decimal Places : 4

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.

Now click on “Fields & Relationships” >> New

Select Data type as a “Formula” and Click on Next

Fill the Above as following:

Field Label : distance calculation

Field Name : distance_calculation

Formula Return Type : Number

Formula Options : `DISTANCE(Location_2__c , Venue__r.Location__c , 'km')`

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.

Now click on “Fields & Relationships” >> New

Select Data type as a “Picklist” and Click on Next

Fill the Above as following:

Field Label : State

Field Name : State

Enter values, with each value separated by a new line :

Andhra Pradesh

Arunachal Pradesh

Assam

Bihar

Chhattisgarh

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

Karnataka

Kerala

Maharashtra

Madhya Pradesh

Manipur

Meghalaya

Mizoram

Nagaland

Odisha

Punjab

Rajasthan

Sikkim

Tamil Nadu

Tripura

Telangana

Uttar Pradesh

Uttarakhand

West Bengal

Andaman & Nicobar (UT)

Chandigarh (UT)

Dadra & Nagar Haveli and Daman & Diu (UT)

Delhi [National Capital Territory (NCT)]

Jammu & Kashmir (UT)

Ladakh (UT)

Lakshadweep (UT)

Puducherry (UT)

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Number" and Click on Next

Fill the Above as following:

Field Label : Distance

Field Name : Distance

Length : 14

Decimal Places : 4

Click on required check box

Click on Next >> Next >> Save and new.

The screenshot shows the Salesforce Setup interface. The left sidebar contains a navigation menu with options like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Drop-Off Point' and displays the 'Fields & Relationships' section. It shows a table with 5 items, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Created By (CreatedById, Lookup(User)), distance (distance_calculation_c, Geolocation), Drop-Off Point Name (Name, Text(80)), Last Modified By (LastModifiedById, Lookup(User)), and Owner (OwnerId, Lookup(User,Group)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
distance	distance_calculation_c	Geolocation		
Drop-Off Point Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

5.4 Creation of fields for the Task object

Go to setup>> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on “Fields & Relationships” >> New

Select Data type as a “Auto Number” and Click on Next

Fill the Above as following:

Field Label : Task ID

Display Format : TASK-{0}

Starting Number : 1

Field Name : gets auto generated

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Date" and Click on Next

Fill the Above as following:

Field Label : Date

Field Name : Date

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Picklist (Multi-Select)" and Click on Next

Fill the Above as following:

Field Label : Food Category

Field Name : Food Category

Enter values, with each value separated by a new line :

Veg

Non-Veg

Salad

Snack

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Number" and Click on Next

Fill the Above as following:

Field Label : Number of People Served

Field Name : Number_of_People_Served

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Text" and Click on Next

Fill the Above as following:

Field Label : Name of the Person

Field Name : Name_of_the_Person

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup>> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on “Fields & Relationships” >> New

Select Data type as a “Phone” and Click on Next

Fill the Above as following:

Field Label : Phone

Field Name : Phone

Click on Next >> Next>> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on “Fields & Relationships” >> New

Select Data type as a “Pick List” and Click on Next

Fill the Above as following:

Field Label : Rating

Field Name : Rating

Enter values, with each value separated by a new line :

1

2

3

4

5

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.

Now click on “Fields & Relationships” >> New

Select Data type as a “Long Text Area” and Click on Next

Fill the Above as following:

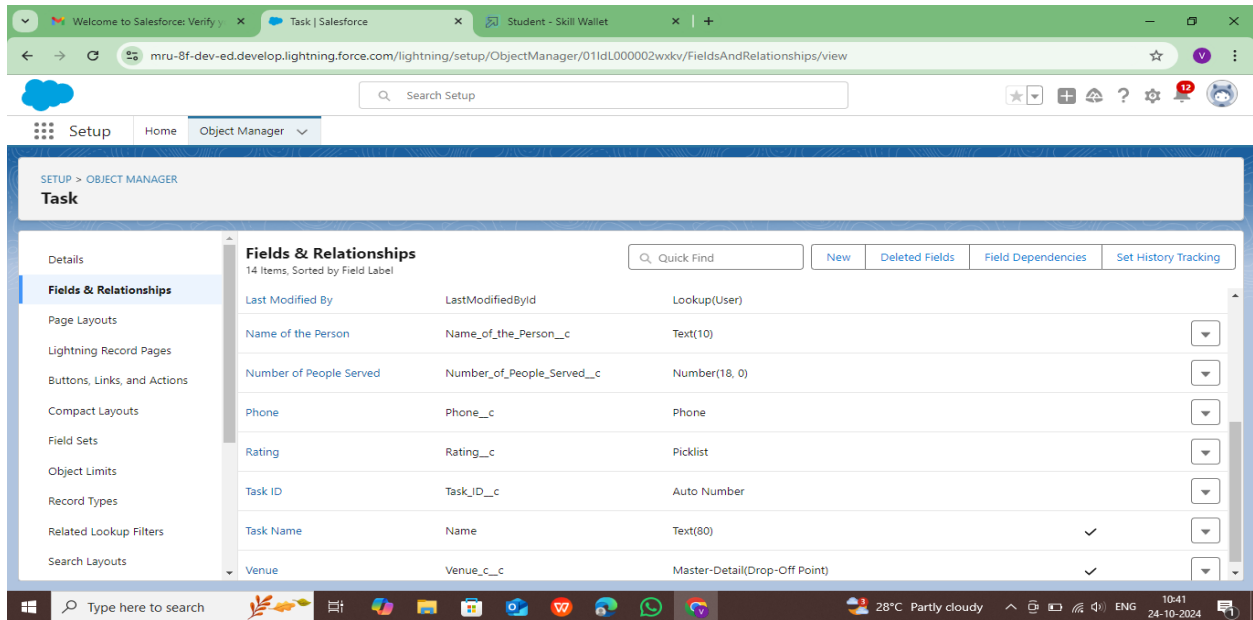
Field Label : Feedback

Field Name : Feedback

Click on Next >> Next >> Save and new.

The screenshot shows the Salesforce Object Manager interface for the 'Task' 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, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows a table of 14 items, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Created By (Lookup(User)), Date (Date), Distance (Number(14, 4)), Drop-Off Point (Lookup(Drop-Off Point)), Feedback (Long Text Area(32768)), Food Category (Picklist (Multi-Select)), and Last Modified By (Lookup(User)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Date	Date__c	Date		
Distance	Distance__c	Number(14, 4)		
Drop-Off Point	Drop_Off_Point_del__c	Lookup(Drop-Off Point)		✓
Feedback	Feedback__c	Long Text Area(32768)		
Food Category	Food_Category__c	Picklist (Multi-Select)		
Last Modified By	LastModifiedById	Lookup(User)		



5.5 Creation of fields for the Volunteer object

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

2. Now click on “Fields & Relationships” >> New

3. Select Data type as a “Auto Number” and Click on Next

4. Fill the Above as following:

Field Label : Volunteer ID

Field Name : gets auto generated

Click on required check box

Click on Next >> Next >> Save and new.

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Picklist" and Click on Next

Fill the Above as following:

Field Label : Gender

Field Name : Gender

Enter values, with each value separated by a new line :

Female

Male

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Date" and Click on Next

Fill the Above as following:

Field Label : Available On

Field Name : Available On

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Number" and Click on Next

Fill the Above as following:

Field Label : Age

Field Name : Age

Click on required check box

Click on Next >> Next>> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Email" and Click on Next

Fill the Above as following:

Field Label : Email

Field Name : Email

Click on required check box

Click on Next>> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Number" and Click on Next

Fill the Above as following:

Field Label : Contact Number

Field Name : Contact_Number

Click on required check box

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

Select Data type as a "Text Area (Long)" and Click on Next

Fill the Above as following:

Field Label : Address

Field Name : Address

Click on Next >> Next >> Save and new.

- To create another fields in an object:

Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

Now click on "Fields & Relationships" >> New

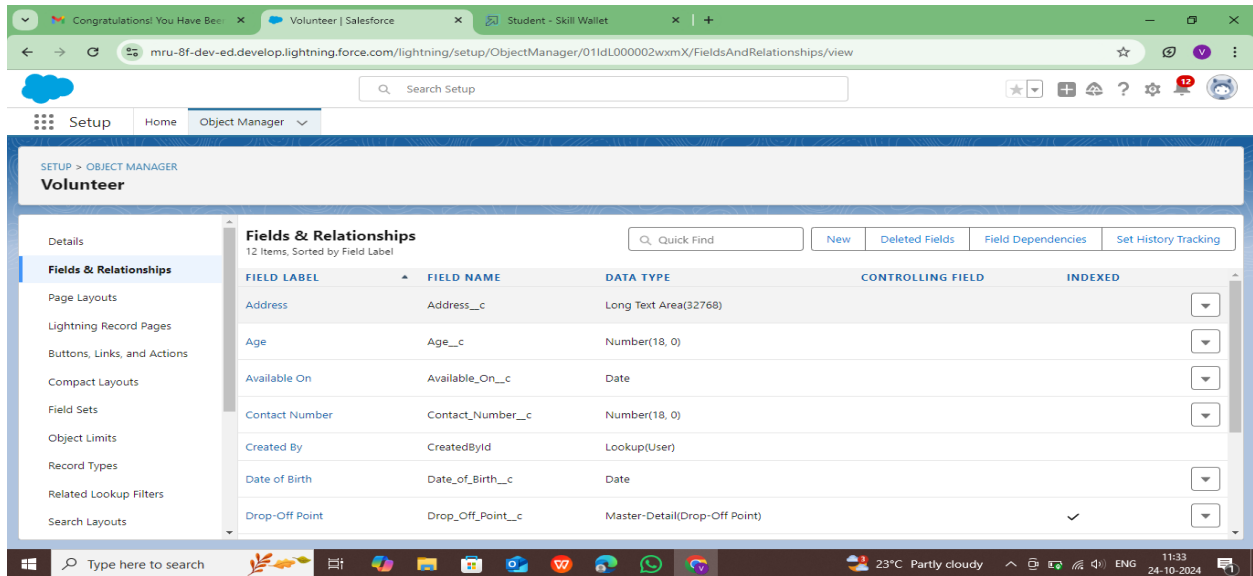
Select Data type as a "Date" and Click on Next

Fill the Above as following:

Field Label : Date of Birth

Field Name : Date_of_Birth

Click on Next >> Next >> Save and new.



5.6 Creation of fields for the Execution Details object

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

2. Now click on “Fields & Relationships” >> New

3. Select Data type as a “Auto Number” and Click on Next

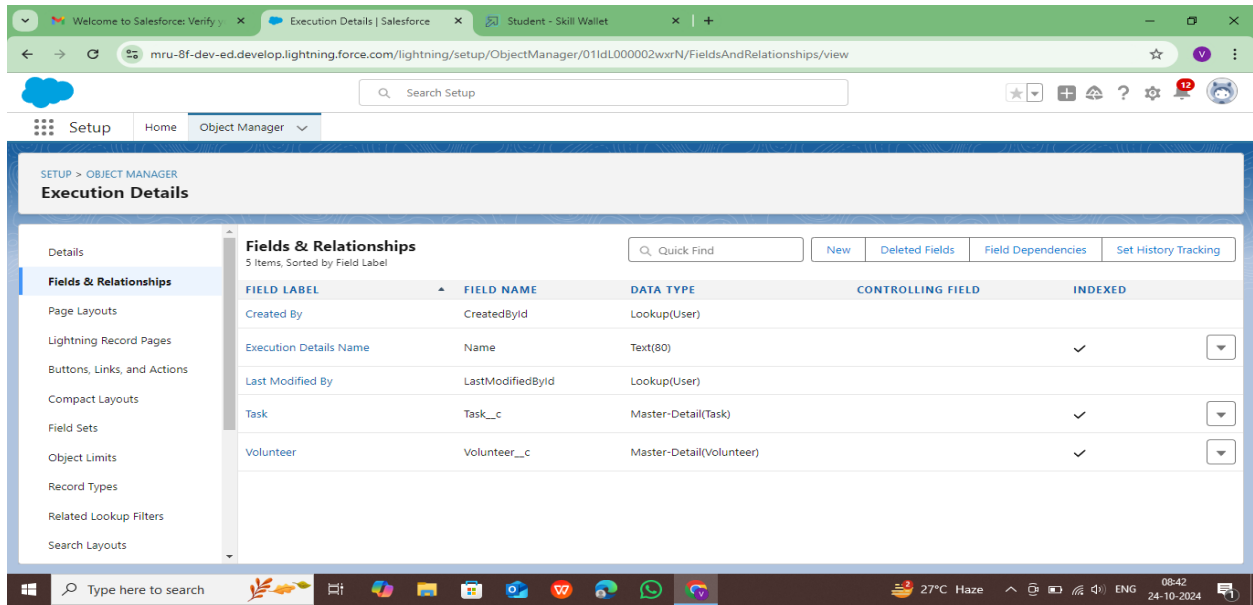
4. Fill the Above as following:

Field Label : Execution ID

Field Name : gets auto generated

Click on required check box

Click on Next >> Next >> Save and new.



Task 6 : Flows

6.1 Create Flow to create a record in Venue object

Go to setup >> type Flow in quick find box >> Click on the Flow and Select the New Flow.
Select the Screen flow. Click on create.

Click on the '+' icon in between start and end, and click on screen element.

Under the Screen Properties:

Label : Venue Details

API Name : Venue_Details

Now lets add components in this flow. Click on Text Component and name it as:

Label : Venue Name

API Name : Venue_Name

Click on Email Component and name it as:

Label : Email

API Name : Contact_Email

Click on Phone Component and name it as:

Label : Phone

API Name : Contact_Phone

Click on Text Component and name it as:

Label : Venue Location

API Name : Venue_Location

Click on Number Component and name it as:

Label : Latitude

API Name : Latitude

Click on Number Component and name it as:

Label : longitude

API Name : longitude

Next click on Done. This would like below

Click on the '+' icon in between Venue details and end, and click on create record element.

Now label it as

Label : Create Venue Record

API Name : Create_Venue_Record

How Many Records to Create : One

How to Set the Record Fields : Use separate resources, and literal values

Object : Venue

Set Field Values for the Venue : Click on 'Add Field' 5 times

Field : Value = Contact_Email__c : {!Contact_Email.value}

Field : Value = Contact_Phone__c : {!Contact_Phone.value}

Field : Value = Name : {!Venue_Name}

Field : Value = Venue_Location__c : {!location}

Field : Value = Location__Latitude__s : {!latitude}

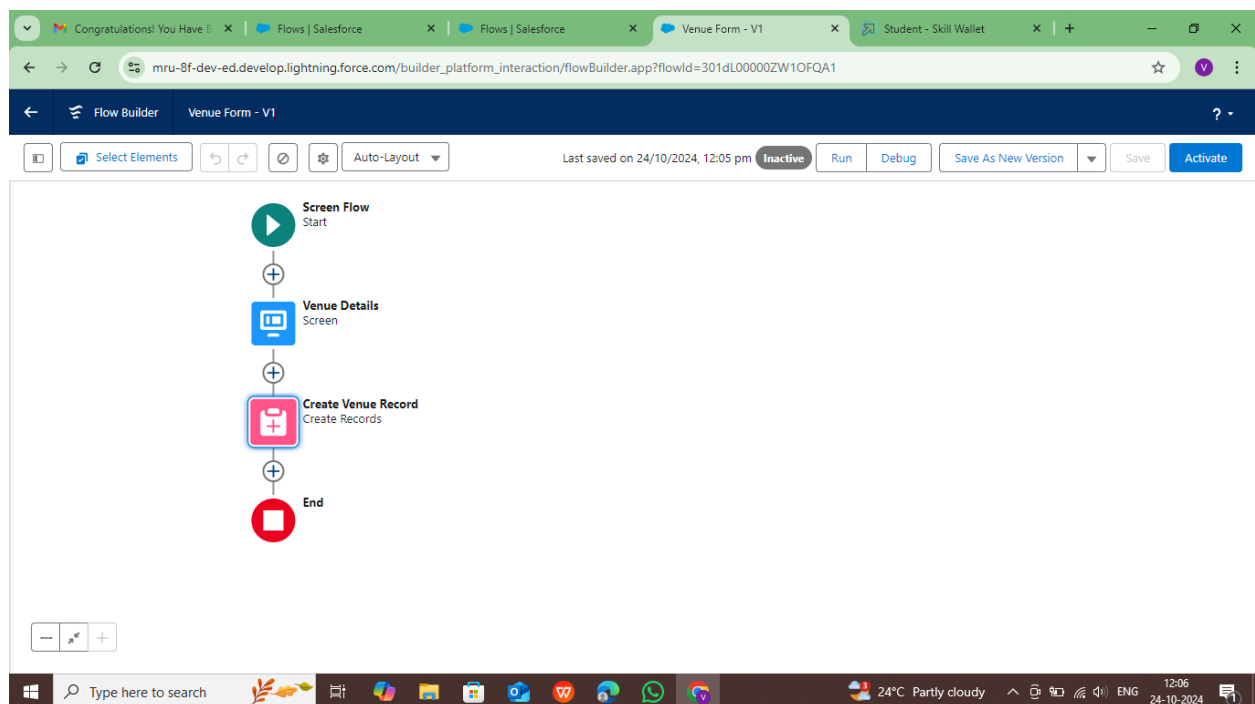
Field : Value = Location__Longitude__s : {!longitude}

This would look like:

Click on Save as:

Flow Label : Venue Form

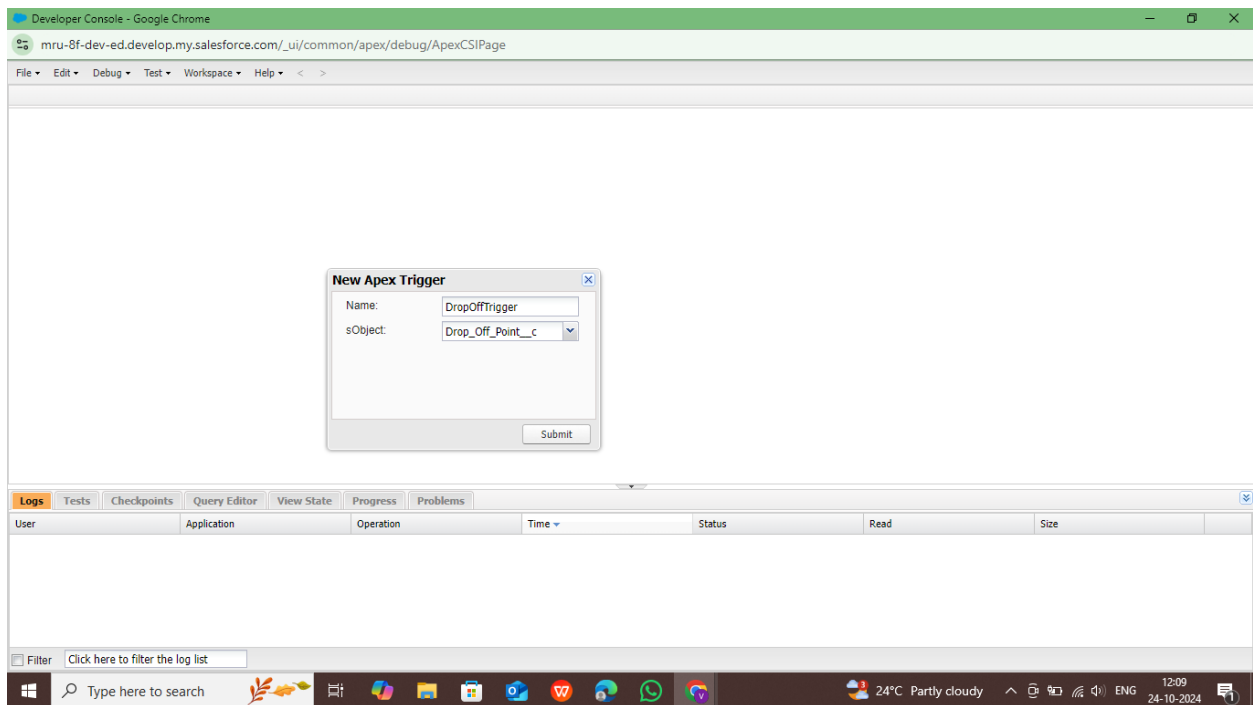
Flow API Name : Venue_Form



Task 7 : Trigger

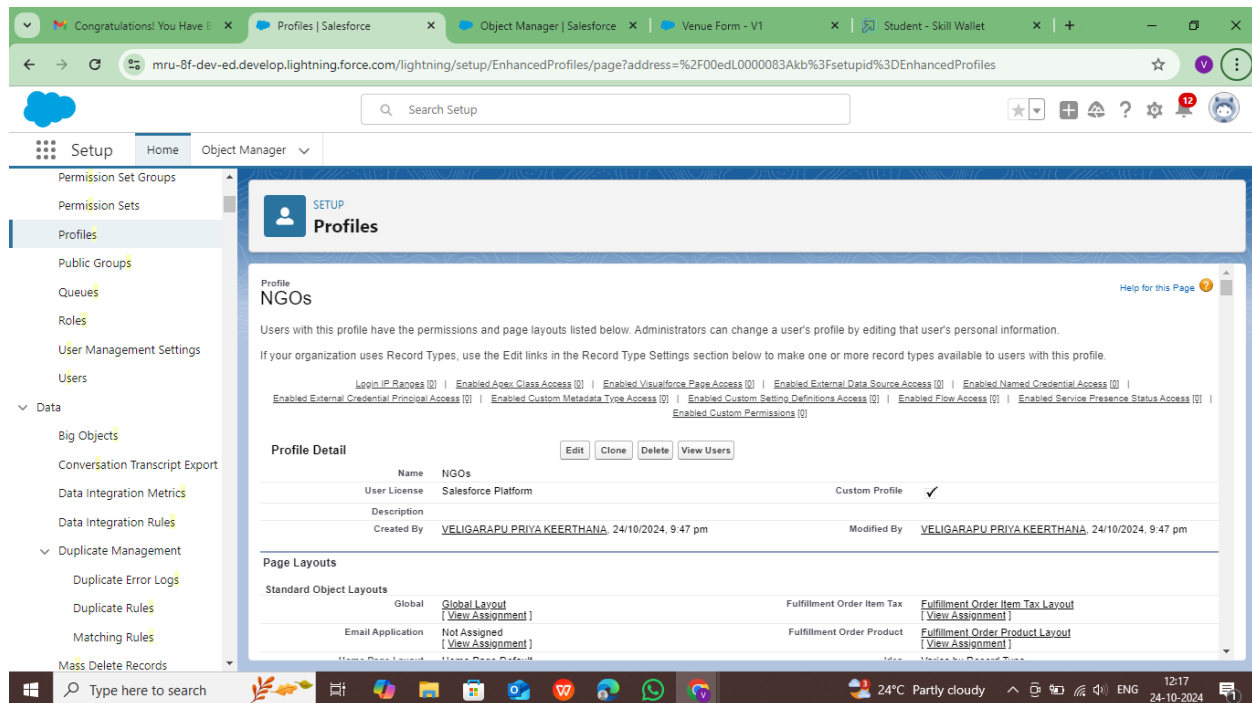
7.1 Create a Trigger

1. Log into the trailhead account, navigate to the gear icon in the top right corner.
2. Click on developer console and you will be navigated to a new console window.
3. Click on the File menu in the toolbar, and click on new >> Trigger.
4. Enter the trigger name and the object to be triggered.
5. Enter Name : DropOffTrigger
6. sObject: Drop-Off Point
7. Click on Submit.



Task 8 : Profiles

1. Go to setup page >> type Profiles in Quick Find bar >> click on Profiles >> click on 'S'
2. Click on Clone beside Standard Platform User.
3. Under Clone Profile:
4. Profile Name : NGOs Profile
5. Then click on Save



Task 9 : Creation Of Users

9.1 Creation of User1

Go to setup page >> type users in Quick Find bar >> click on users>> New user.

In General Information give details as: (Note : create users as per your wish NGO's)

First Name : Iksha Foundation

Last Name : Iksha_Foundation

Alias : iiksh

Email : Give Your Email

Username : ikshafoundation@sb.com (give the username different)

Nickname : Auto Populated

User License : Salesforce Platform

Profile : NGOs Profile

Active : Check

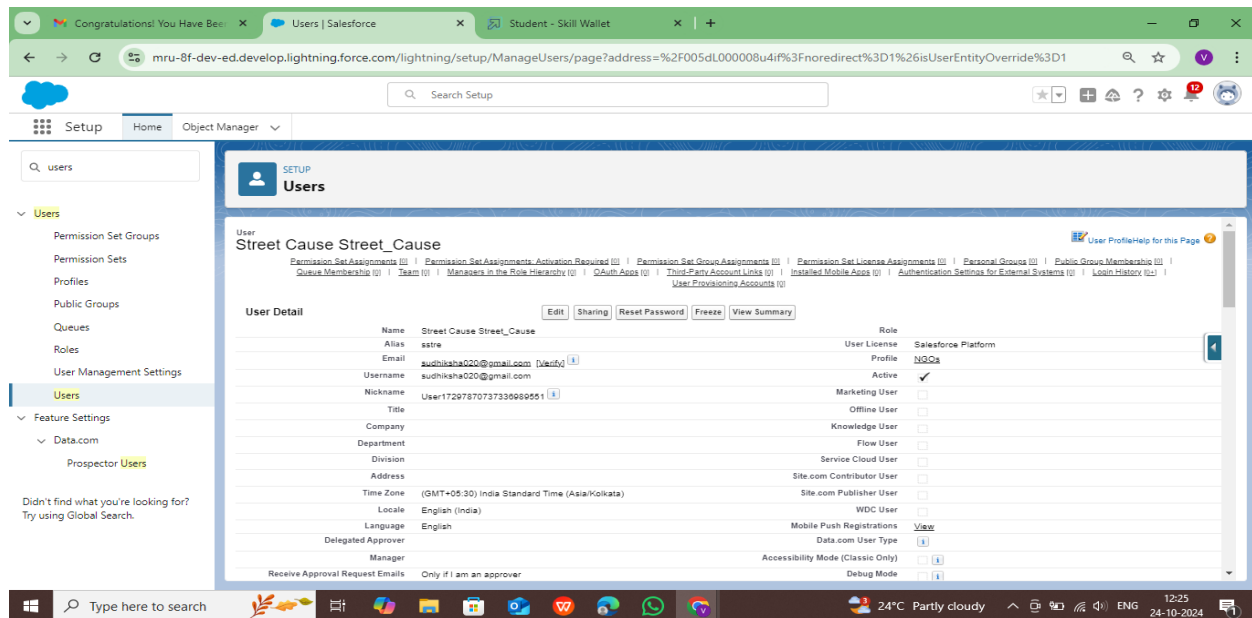
Click on Save

The screenshot shows the Salesforce Setup interface with the 'Users' section selected. The left sidebar contains a search bar with 'users' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Feature Settings, Data.com, and Prospector Users. The main content area displays the 'User Detail' for a user named 'Iksha Foundation Iksha_Foundation'. The user's email is 'priyakeerthana207@gmail.com', username is 'priyakeerthana207@gmail.com', and nickname is 'User1729786702116233192'. The user is active and has the role of 'Marketing User'. The user's profile is 'NGOs' and their user license is 'Salesforce Platform'. The user's company is 'Iksha Foundation', and their department is 'Iksha_Foundation'. The user's address is 'Iksha Foundation, 1000008u4CP3Fnoredirect%3D1%26isUserEntityOverride%3D1'. The user's time zone is '(GMT+05:30) India Standard Time (Asia/Kolkata)'. The user's locale is 'English (India)' and their language is 'English'. The user's delegated approver is 'Manager'. The user's manager is 'Manager'. The user's accessibility mode is 'Classic Only'.

9.2 Creation Of User 2

The screenshot shows the Salesforce Setup interface with the 'Users' section selected. The left sidebar contains a search bar with 'users' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Feature Settings, Data.com, and Prospector Users. The main content area displays the 'User Detail' for a user named 'NSS NSS'. The user's email is 'priyakeerthana1023@gmail.com', username is 'priyakeerthana1023@gmail.com', and nickname is 'User17297869122155200154'. The user is active and has the role of 'Marketing User'. The user's profile is 'NGOs' and their user license is 'Salesforce Platform'. The user's company is 'NSS', and their department is 'NSS'. The user's address is 'NSS, 1000008u4Dq%3Fnoredirect%3D1%26isUserEntityOverride%3D1'. The user's time zone is '(GMT+05:30) India Standard Time (Asia/Kolkata)'. The user's locale is 'English (India)' and their language is 'English'. The user's delegated approver is 'Manager'. The user's manager is 'Manager'. The user's accessibility mode is 'Classic Only'. The user's debug mode is 'Off'.

9.3 Creation Of User 3



Task 10 : Public Groups

10.1 Creation of Public Group 1

Go to setup page >> type Public Groups in Quick Find bar >> click on Public Groups >> click on New.

Under Group Information:

Label : Iksha

Group Name : Iksha

Grant Access Using Hierarchies : Check

In Search, Select Users.

In Selected Members Add Iksha Foundation and System Administrator

10.2 Creation of Public Group 2

By Following Steps in Activity 1, Create other two Public Groups for other two users.

After Saving this would look like this.

The screenshot shows the Salesforce Setup interface for Public Groups. The left sidebar contains a search bar and a navigation menu with the following items: Users, Public Groups (selected), Feature Settings, Salesforce Files, Content Deliveries and Public Links, Company Settings, Calendar Settings, and Public Calendars and Resources. The main content area is titled 'Public Groups' and includes a description: 'A public group is a set of users. It can contain individual users, other groups, the users in a particular role or territory, or the users in a role or territory plus all of the users below that role or territory in the hierarchy.' Below the description is a table with the following data:

Action	Label	Group Name	Created By	Created Date
Edit Del	Iskha	Iskha	PRIYA KEERTHANA VELUGARAPU	24/10/2024, 9:58 pm
Edit Del	NBS	NBS	PRIYA KEERTHANA VELUGARAPU	24/10/2024, 9:58 pm
Edit Del	Street_Cause	Street_Cause	PRIYA KEERTHANA VELUGARAPU	24/10/2024, 9:59 pm

Task 11 : Report Types

11.1 Creation of Report Types

Go to setup page >> type Report Types in Quick Find bar >> click on Report Types >> click on Continue >> Click on New Custom Report Type.

In Define the Custom Report Type:

Primary Object : Select Venues

Report Type Label : Venue with DropOff with Volunteer

Report Type Name : Venue_with_DropOff_with_Volunteer

Description : Venue with DropOff with Volunteer

Store in Category : Select Other Reports

Deployment Status : Deployed

Click on Next

Near Click to relate another Object Select Drop-Off Points.

And also select "A" records may or may not have related "B" records.

Now again Near Click to relate another Object Select Volunteers.

Now click on Save.

The screenshot shows the Salesforce Setup interface for creating a new Report Type. The left sidebar contains a search bar with "report" and a list of navigation items: Feature Settings, Analytics, Reports & Dashboards (with sub-items: Access Policies, Historical Trending, Report Types, Reporting Snapshots, Reports and Dashboards Settings), and Security (with sub-items: Guest User Sharing Rule Access, Report). The main content area is titled "Report Types" and contains the following sections:

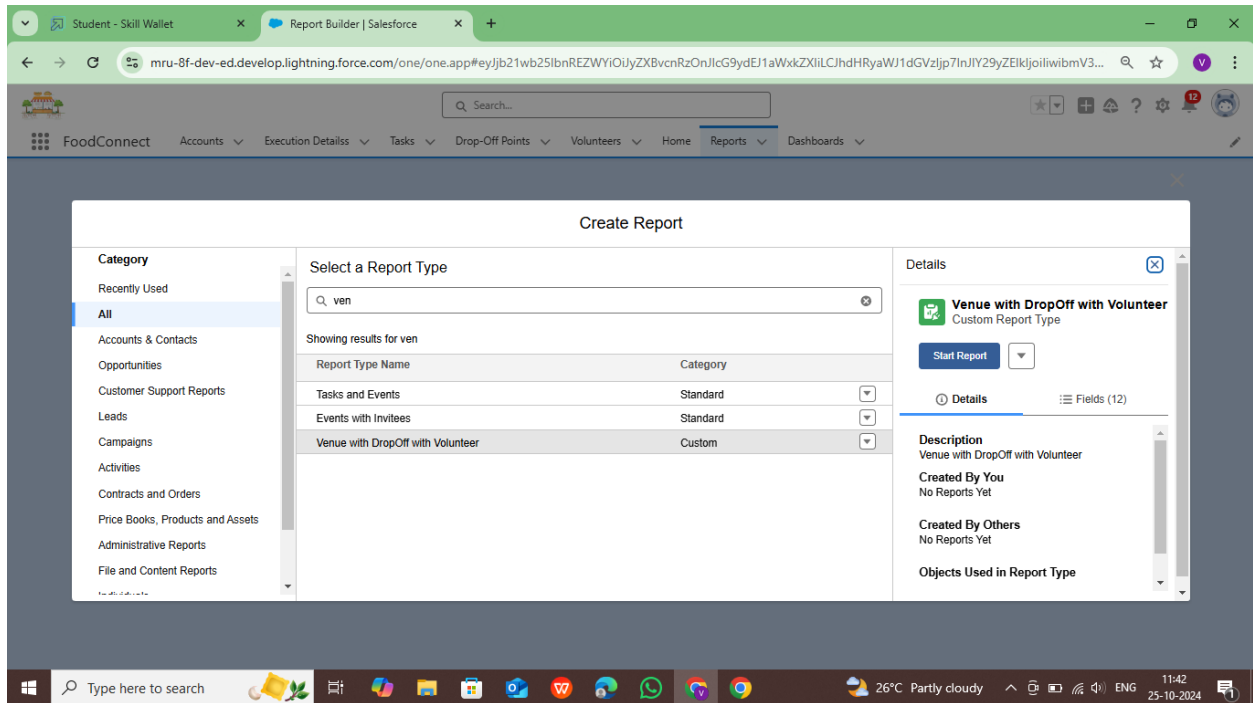
- Report Type Focus:** A section with a "Next" button and a "Cancel" button. It includes a "Required Information" indicator. The text states: "Specify what type of records (rows) will be the focus of reports generated by this report type. Example: If reporting on 'Contacts with Opportunities with Partners,' select 'Contacts' as the primary object." The "Primary Object" dropdown is set to "Venues".
- Identification:** A section with the following fields:
 - Report Type Label:** "Venue with DropOff with Volunteer"
 - Report Type Name:** "Venue_with_DropOff_with_Volunteer" (with a help icon)
 - Description:** "Venue with DropOff with Volunteer" (with a note: "Note: Description will be visible to users who create reports.")
 - Store in Category:** "Other Reports"
- Deployment:** A section with the text: "A report type with deployed status is available for use in the report wizard. While in development, report types are visible only to authorized administrators and their delegates." The "Deployment Status" is set to "Deployed" (radio button selected).

The bottom of the screen shows the Windows taskbar with the search bar, taskbar icons, and system tray showing the date and time as 24-10-2024 12:32.

Task 12 : Reports

12.1 Creation of Report on Venue with DropOff with Volunteer

12.2 Creation of Report on Volunteers with Execution Details and Tasks



Task 13: Dashboards

13.1 Adding venue and Drop Off point Report to the Dashboard

Report

venue and Drop Off point

☐ Use chart settings from report

Display As

Groups

Add group...

Columns

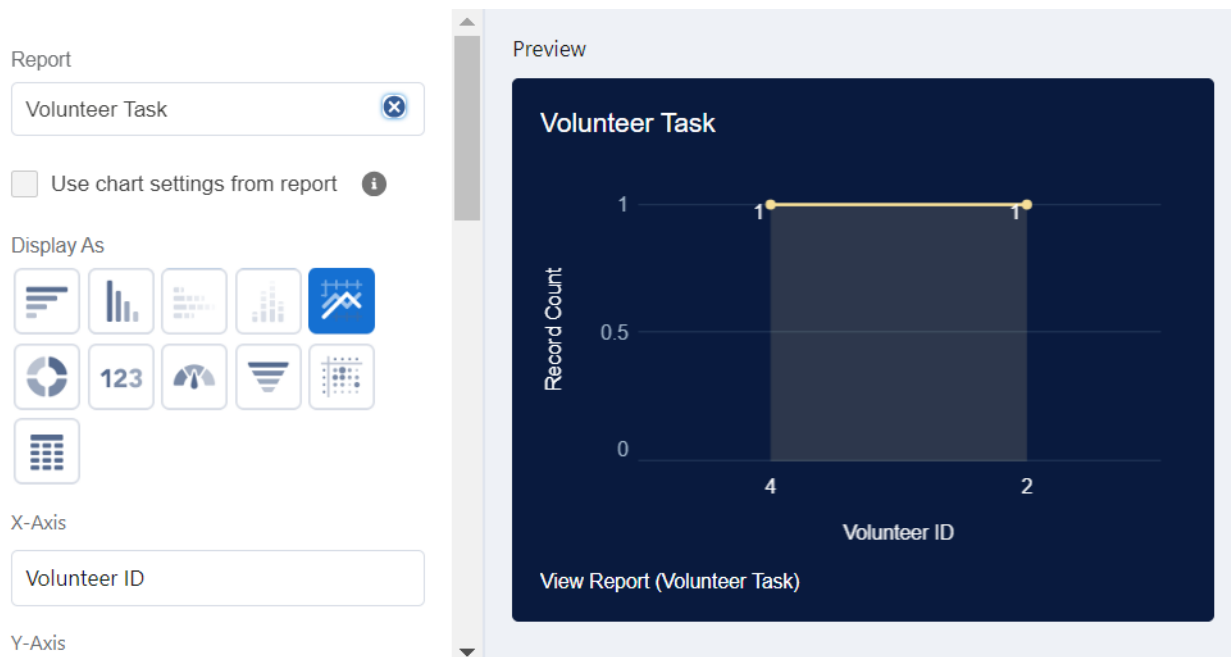
Preview

venue and Drop Off point

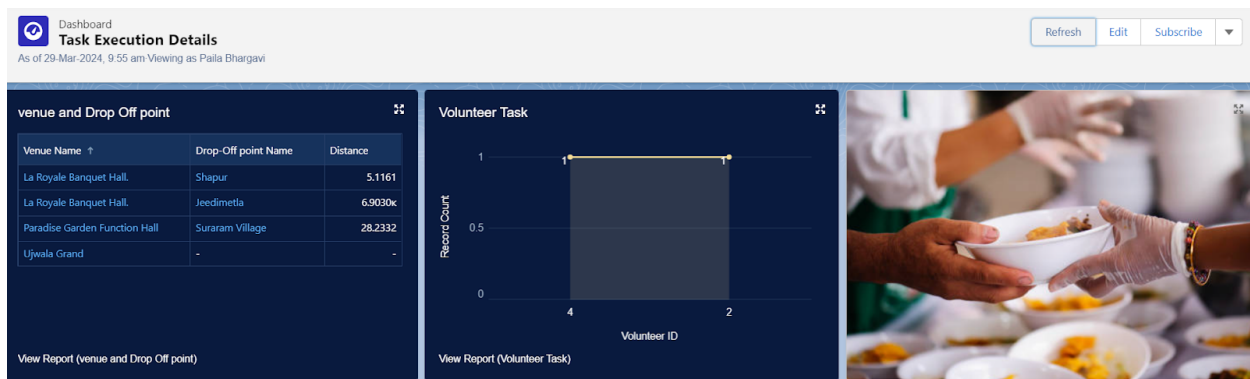
Venue Name ↑	Drop-Off point Name	Distance
La Royale Banquet Hall.	Shapur	5.1161
La Royale Banquet Hall.	Jeedimetla	6.9030k
Paradise Garden Function Hall	Suraram Village	28.2332
Ujwala Grand	-	-

[View Report \(venue and Drop Off point\)](#)

13.2 Adding Volunteer Task Report to the Dashboard



13.3 Adding a Picture to the Dashboard (Optional)



Task 14 : Sharing Rules

14.1 Creation of sharing rules

Go to setup >> type Sharing Settings in quick find box >> Click on the Sharing Settings.

Scroll down and find Drop-Off point Sharing Rules.

Click on new near Drop-Off point Sharing Rules and Name it as:

Label : Rule 1

Rule Name : Rule_1

Select your rule type : Select Based on criteria.

Select which records to be shared:

Field : Operator : Value = Distance : less than : 15

Select the users to share with : Near Share With

Public Groups : Iksha

Click on Save.

Click on new near Drop-Off point Sharing Rules and Name it as:

Label : Rule 2

Rule Name : Rule_2

Select your rule type : Select Based on criteria.

Select which records to be shared:

Field : Operator : Value = Distance : greater than : 15

Field : Operator : Value = Distance : less or equal : 30

Select the users to share with : Near Share With

Public Groups : NSS

Click on Save.

Click on new near Drop-Off point Sharing Rules and Name it as:

Label : Rule 3

Rule Name : Rule_3

Select your rule type : Select Based on criteria.

Select which records to be shared:

Field : Operator : Value = Distance : greater than : 30

Field : Operator : Value = Distance : less or equal : 50

Select the users to share with : Near Share With

Public Groups : Street Cause

Click on Save.

Task 15 : HomePage

15.1 Creation of Home Page

Go to setup >> type Lightning App Builder in quick find box >> Click on the Lightning App Builder and Select the New.

Select Home Page and give Label as HOME Page.

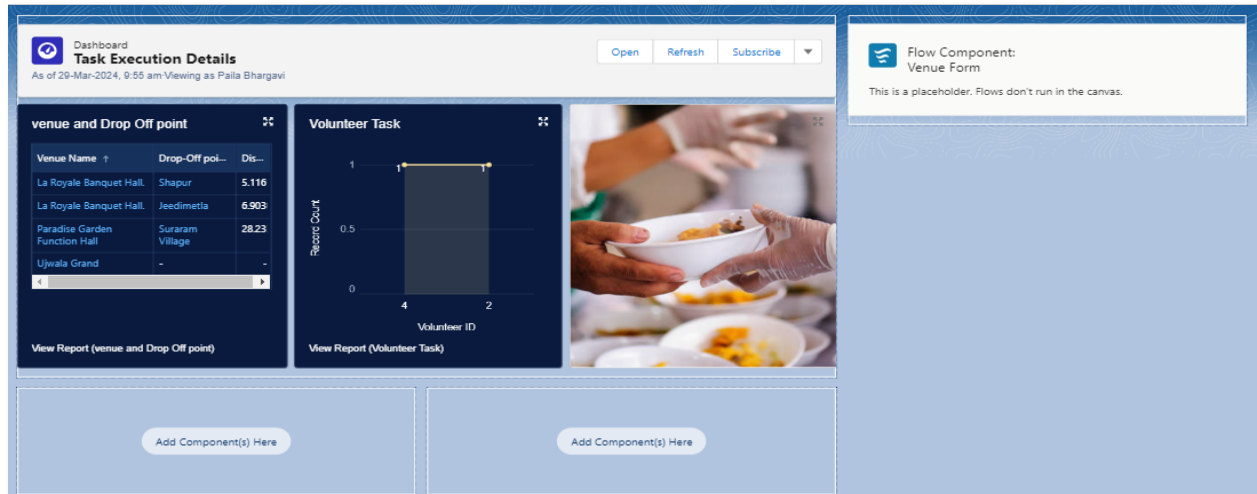
Select Standard Home Page.

Near Components search for Flow and Drag and Drop in Right Side Section..

On the right hand side:

Flow : Venue Flow

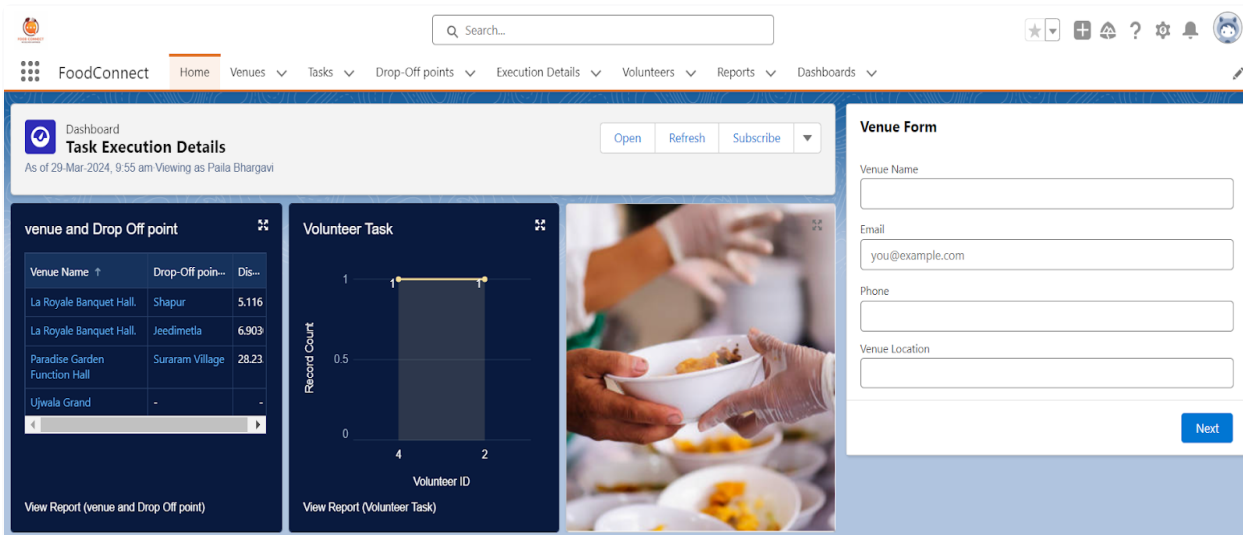
Near Components search for Dashboard, then Drag and Drop it in first Section.



Click on Save and Activation, then click on App Default, then Add Assignments.

Add FoodConnect App and then Save.

FoodConnect Home Page would Look Like this.



THANK YOU
