

To Supply Leftover Food to Poor

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College Code: brubw

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introduction

1.1 Project Overview

We are using **Salesforce** to connect food donors with NGOs and



1.2 Purpose


The purpose of this project is to utilize Salesforce technology to collect and distribute leftover food from donors to the poor, helping to reduce food waste and alleviate hunger through an organized, automated, and transparent system.

DEVELOPMENT PHASE

Creating Developer Account:

By using this URL

- [HYPERLINK](file:///C:/Users/bevankishor/Downloads/-) "file:///C:/Users/bevankishor/Downloads/-" HYPERLINK
"<https://www.salesforce.com/form/developer-signup/?d=pb>" HYPERLINK
"<file:///C:/Users/bevankishor/Downloads/->" HYPERLINK
"<file:///C:/Users/bevankishor/Downloads/->"<https://orgfarm-8f18e5cf64-dev-ed.develop.lightning.force.com/lightning/page/home> HYPERLINK
"<file:///C:/Users/bevankishor/Downloads/->" HYPERLINK
"<https://www.salesforce.com/form/developer-signup/?d=pb>" HYPERLINK
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"<file:///C:/Users/bevankishor/Downloads/->" HYPERLINK
"<https://www.salesforce.com/form/developer-signup/?d=pb>" HYPERLINK
"<file:///C:/Users/bevankishor/Downloads/->"



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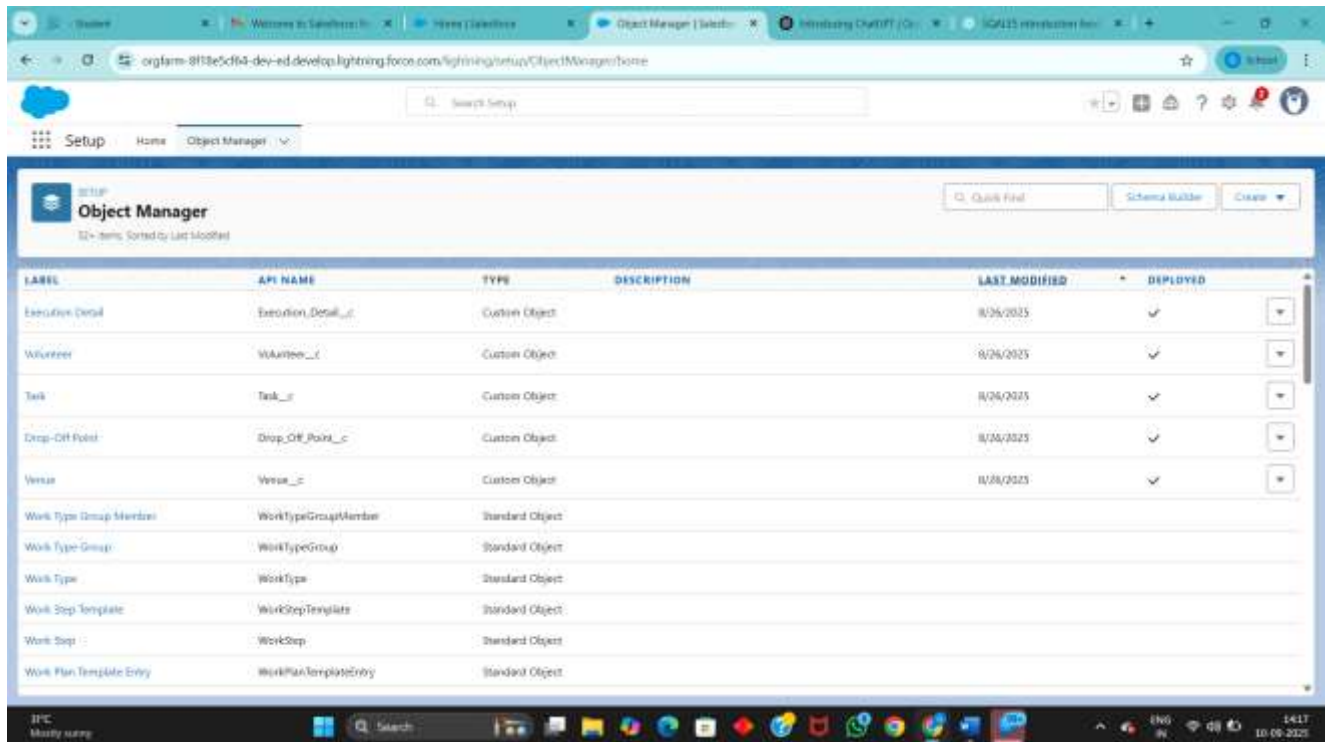
You may only be enrolled on or assigned to Agentforce Sandboxes public cloud infrastructure.

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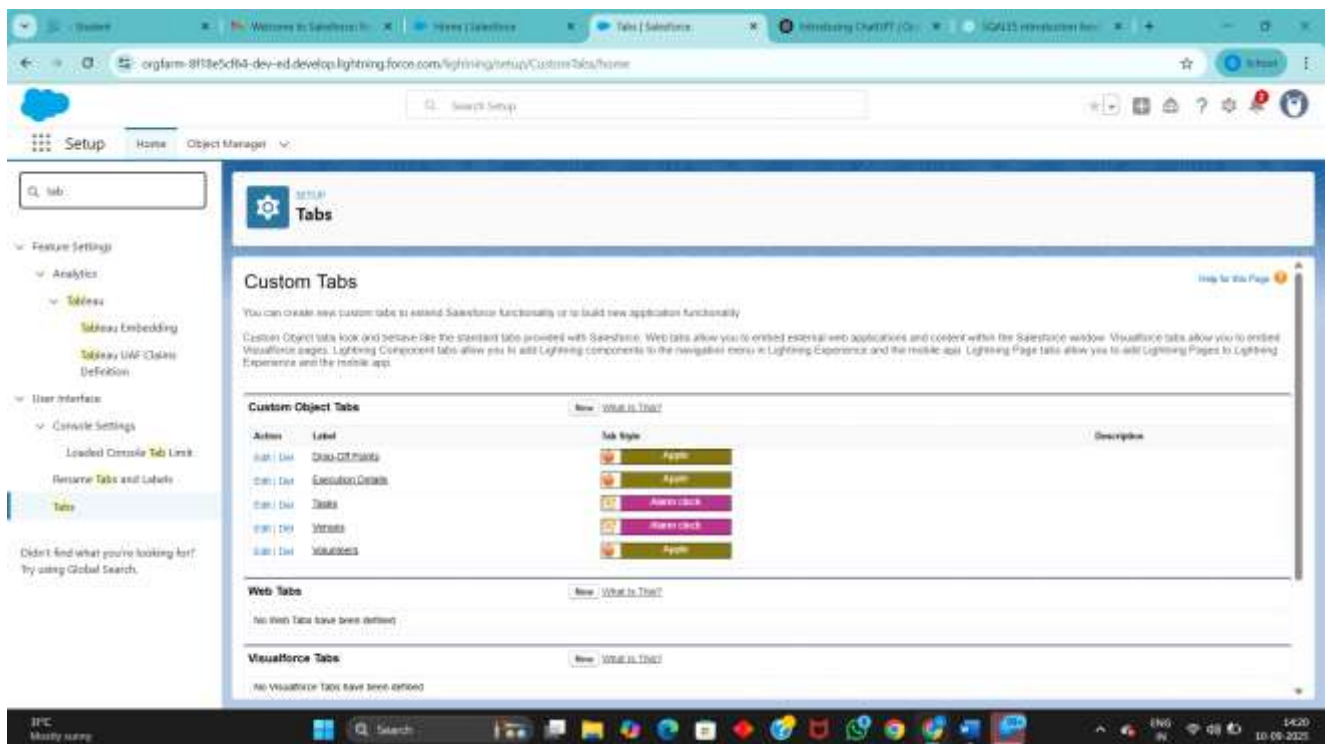
We value your privacy. To learn more, visit our [Privacy Statement](#).

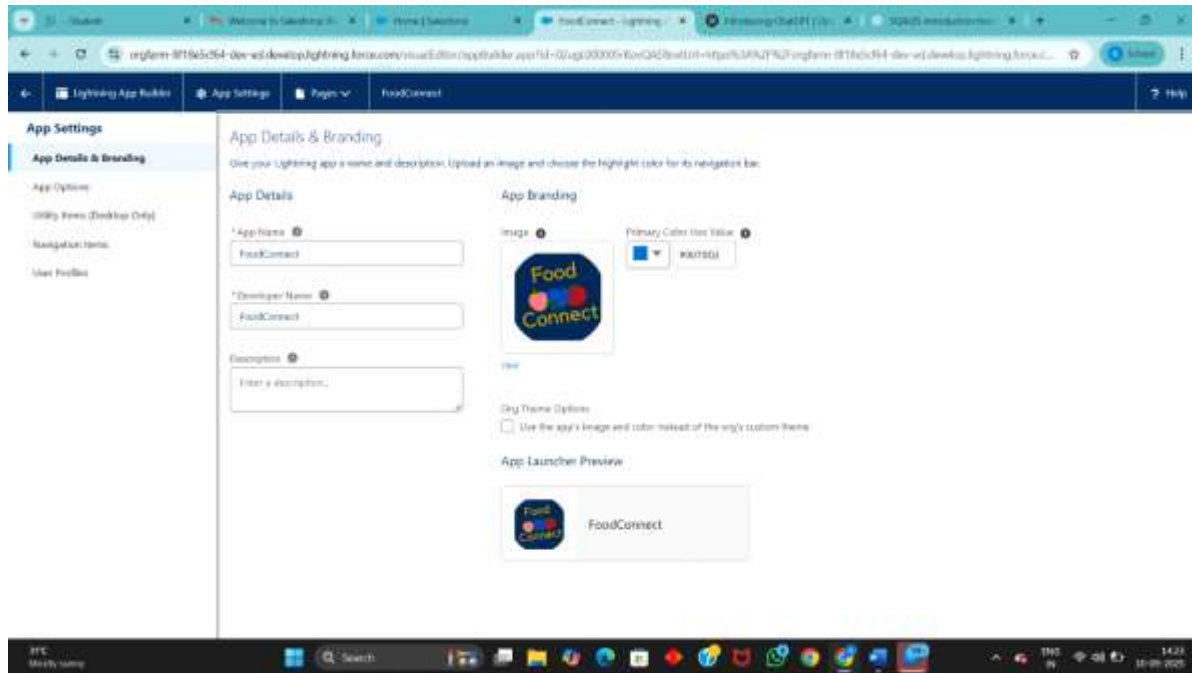
- Created objects : create venue object



- Tabs : Creating a Custom Tab



The Lightning App :



Fields :

orgname-8f18e5cfm-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/00jg000001g75FieldsAndRelationshipsView

Setup Home Object Manager

Setup - OBJECT MANAGER

Venue

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
Contact Email	Contact_Email_c	Email		
Contact Phone	Contact_Phone_c	Phone		
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Location	Location_c	Geolocation		
Owner	OwnerId	Lookup(User Group)		✓
Venue Location	Venue_Location_c	Long Text Area(32768)		
Venue Name	Name	Text(30)		✓

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

orgname-8f18e5cfm-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/00jg000001g77FieldsAndRelationshipsView

Setup Home Object Manager

Setup - OBJECT MANAGER

Volunteer

Details

Fields & Relationships
11 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Available On	Available_Sat_c	Date		
Contact Number	Contact_Number_c	Number(16, 0)		
Created By	CreatedBy	Lookup(User)		
Date of Birth	Date_of_Birth_c	Date		
Drop-Off Point	Drop_Off_Point_c	Master-Detail(Drop-Off Point)		✓
Email	Email_c	Email		
Execution ID	Execution_ID_c	Auto Number		
Gender	Gender_c	Picklist		
Last Modified By	LastModifiedBy	Lookup(User)		
Volunteer ID	Volunteer_ID_c	Auto Number		

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

Salesforce Setup Page for Drop-Off Point

Setup > OBJECT MANAGER > Drop-Off Point

Fields & Relationships (8 items, Sorted by Field Label)

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distance	Distance_c	Number(14, 4)		
distance calculation	distance_calculation_c	Formula (Number)		
Drop-Off Point Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Location 2	Location_2_c	Geolocation		
Owner	OwnerId	Lookup(User, Group)		✓
State	State_c	Picklist		
Venue	Venue_c	Lookup(Venue)		✓

Salesforce Setup Page for Task

Setup > OBJECT MANAGER > Task

Fields & Relationships (11 items, Sorted by Field Label)

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Food Category	Food_Category_c	Picklist (Multi-Select)		
Last Modified By	LastModifiedById	Lookup(User)		
Name of the Person	Name_of_the_Person_c	Text(2)		
Number of People Served	Number_of_People_Served_c	Number(18, 0)		
Owner	OwnerId	Lookup(User, Group)		✓
Phone	Phone_c	Phone		
Rating	Rating_c	Picklist		
Task ID	Task_ID_c	Auto Number		
Task Name	Name	Text(80)		✓
Venue	Venue_c	Lookup(Venue)		✓

Setup - OBJECT MANAGER
Volunteer

Details
Fields & Relationships
11 items, sorted by Field Label

Quick Find [] New Deleted Fields Field Dependencies Set History Tracking

Contact Number	Contact_Number__c	Number(16, 0)	
Created By	CreatedById	Lookup(User)	
Date of Birth	Date_of_Birth__c	Date	
Drop_Off_Point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)	✓
Email	Email__c	Email	
Execution ID	Execution_ID__c	Auto Number	
Gender	Gender__c	Picklist	
Last Modified By	LastModifiedById	Lookup(User)	
Volunteer ID	Volunteer_ID__c	Auto Number	
Volunteer Name	Name	Text(50)	✓

IPC
Mostly sunny

Setup - OBJECT MANAGER
Volunteer

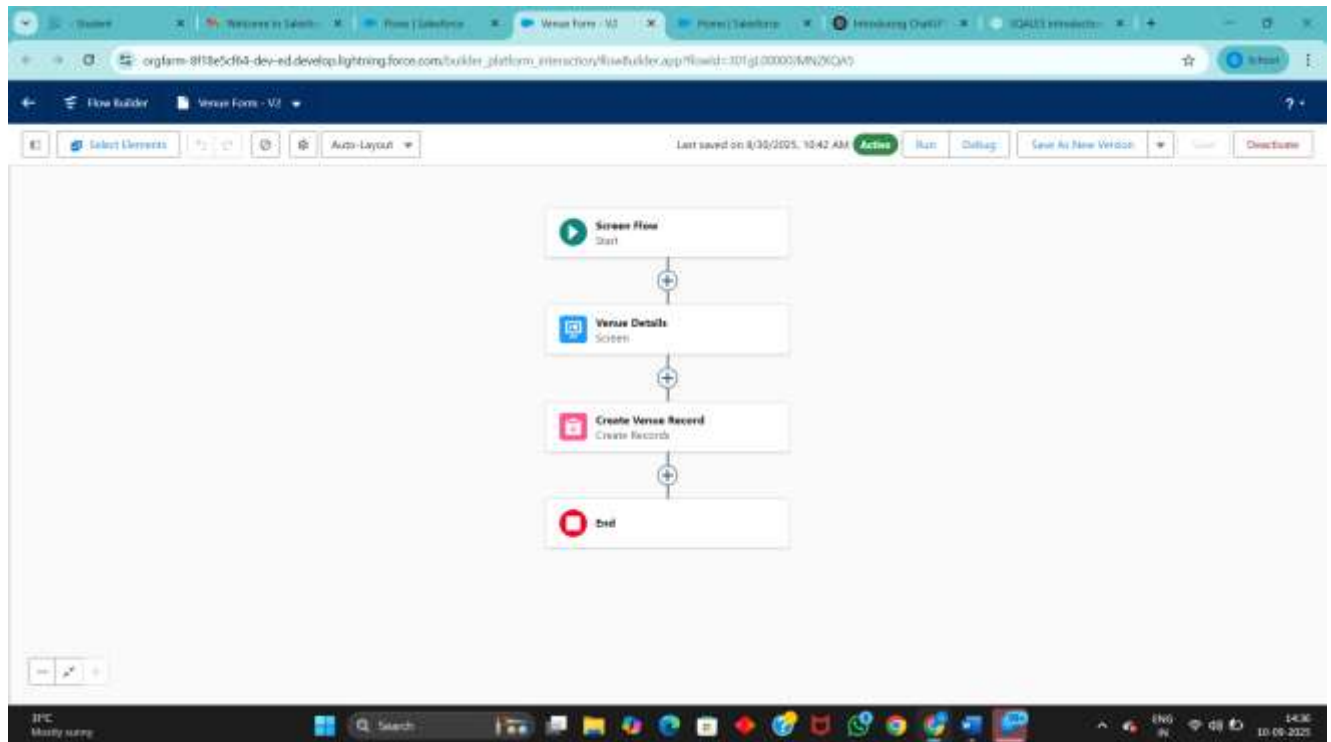
Details
Fields & Relationships
11 items, sorted by Field Label

Quick Find [] New Deleted Fields Field Dependencies Set History Tracking

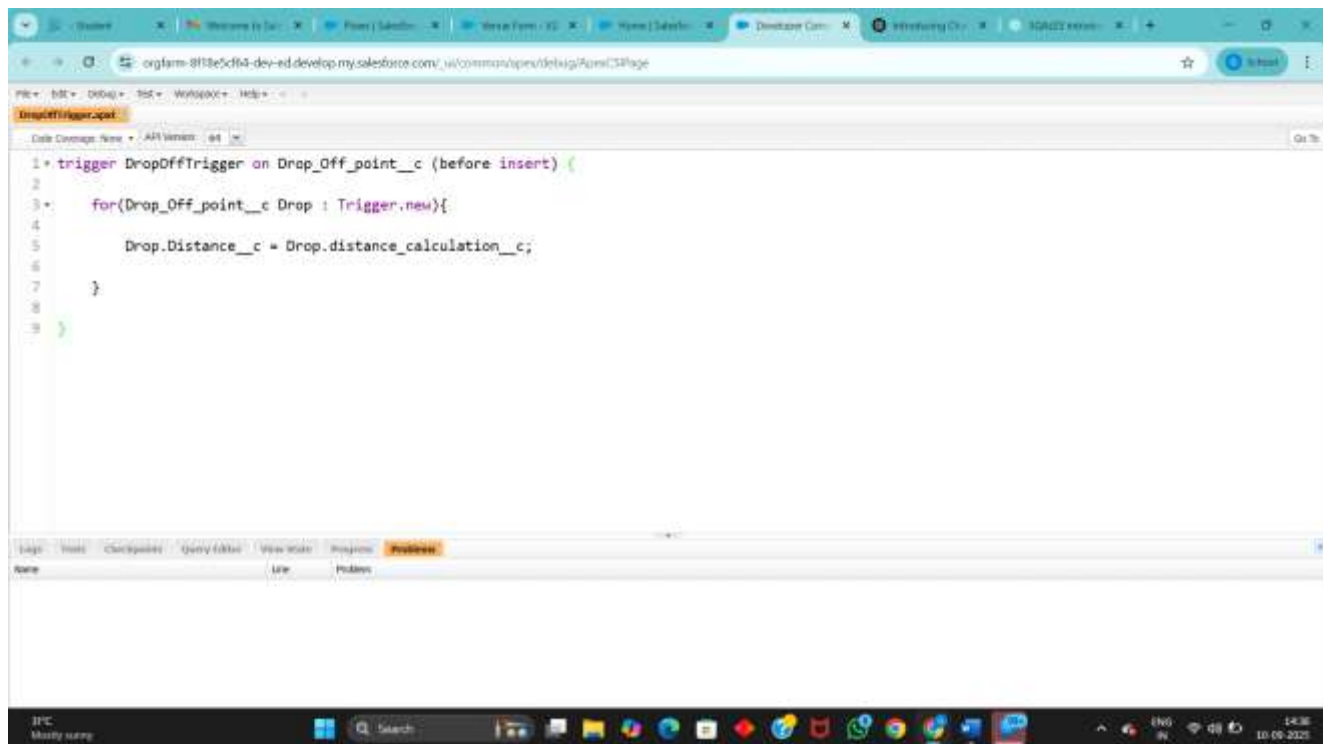
Contact Number	Contact_Number__c	Number(16, 0)	
Created By	CreatedById	Lookup(User)	
Date of Birth	Date_of_Birth__c	Date	
Drop_Off_Point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)	✓
Email	Email__c	Email	
Execution ID	Execution_ID__c	Auto Number	
Gender	Gender__c	Picklist	
Last Modified By	LastModifiedById	Lookup(User)	
Volunteer ID	Volunteer_ID__c	Auto Number	
Volunteer Name	Name	Text(50)	✓

IPC
Mostly sunny

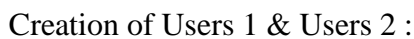
Flows :



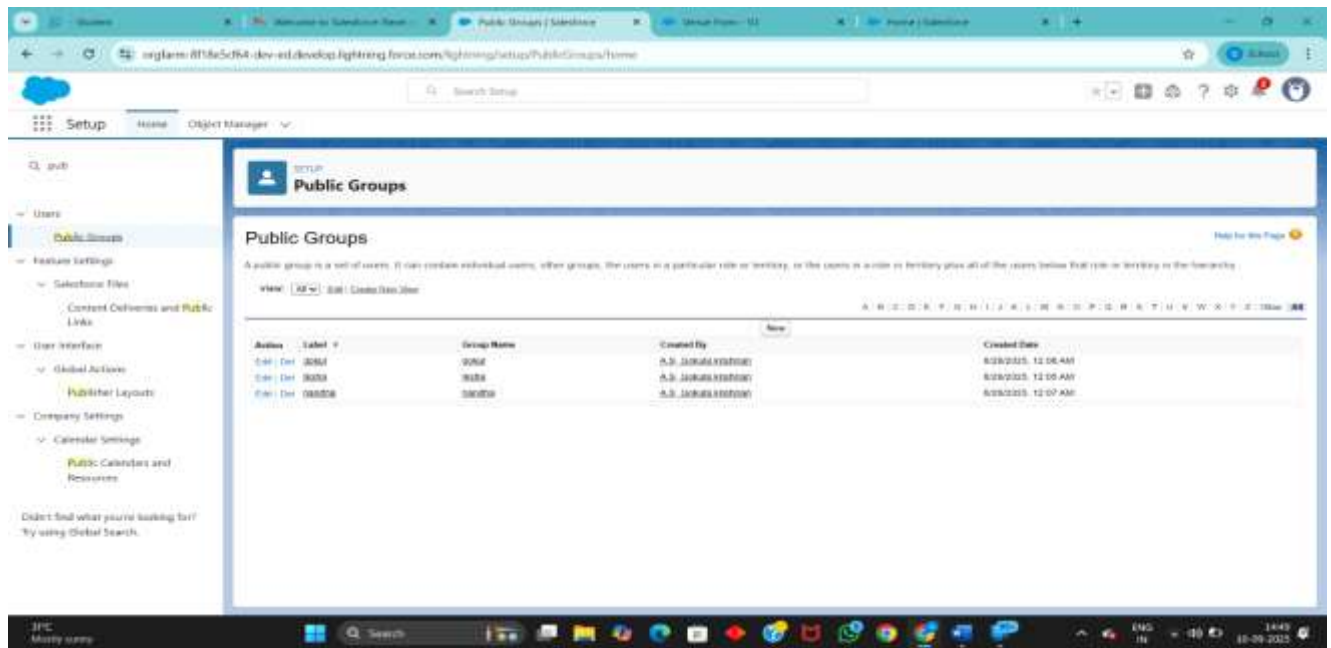
Trigger :



Creation of Users :



Public Group :



The screenshot shows the Lightning Setup interface for Public Groups. The left sidebar contains a navigation menu with options like Users, Public Groups, Feature Settings, and Company Settings. 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 this is a table with columns for Action, Label, Group Name, Created By, and Created Date. The table lists three groups: '00000000000000000000000000000000', '00000000000000000000000000000000', and '00000000000000000000000000000000'. The bottom of the screen shows a Windows taskbar with various application icons and the system clock.

Action	Label	Group Name	Created By	Created Date
00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000
00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000
00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000	00000000000000000000000000000000

Report Types :

Creation of Report Types

FoodConnect

Recent Reports

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Sample Flow Report: Screen Flows	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	6/19/2025, 11:21 PM	
Created by Me	Vendor and Drop-Off point		Private Reports	Gokula Krishnan A S	6/26/2025, 2:00 AM	
Private Reports	Customer Progress by User	Analyze how different users are progressing on an outcome.	Enablement Dashboard Reports Summer '24	Automated Process	6/19/2025, 11:21 PM	
Public Reports	Barcode Completion Status	Analyze how long users take to complete an exercise and their completion percentage.	Enablement Dashboard Reports Summer '24	Automated Process	6/19/2025, 11:21 PM	
All Reports	Milestone Completion Status	Analyze how long users take to complete a milestone and their completion percentage.	Enablement Dashboard Reports Summer '24	Automated Process	6/19/2025, 11:21 PM	
FOLDERS	Program Overview by User	Analyze how different users are progressing towards a program and its outcome.	Enablement Dashboard Reports Summer '24	Automated Process	6/19/2025, 11:21 PM	
All folders	Volunteer Task		Public Reports	Gokula Krishnan A S	6/7/2025, 11:21 PM	
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Restore records from the Recycle Bin

Find the Recycle Bin in the Lightning Experience App Launcher or add it to your navigation bar. Admins can restore and permanently delete other users' records.

Let Me Know Show Me

Setup

Drop-Off Points with Volunteers with Execution Details

Below is the information for this custom report type. You can click the buttons on this to preview or update information for the custom report type.

Details

Display Label: Drop-Off Points with Volunteers with Execution Details

API Name: Drop_Off_Points_with_Volunteers_with_Execution_Details

Description: Drop-Off Points with Volunteers with Execution Details

Created By: Gokula Krishnan A S, 27/03/2025, 09:46 am

Store in Cafe...: other

Deployment ...: Deployed

Modified By: Gokula Krishnan A S, 27/03/2025, 09:48 am

Object Relationships

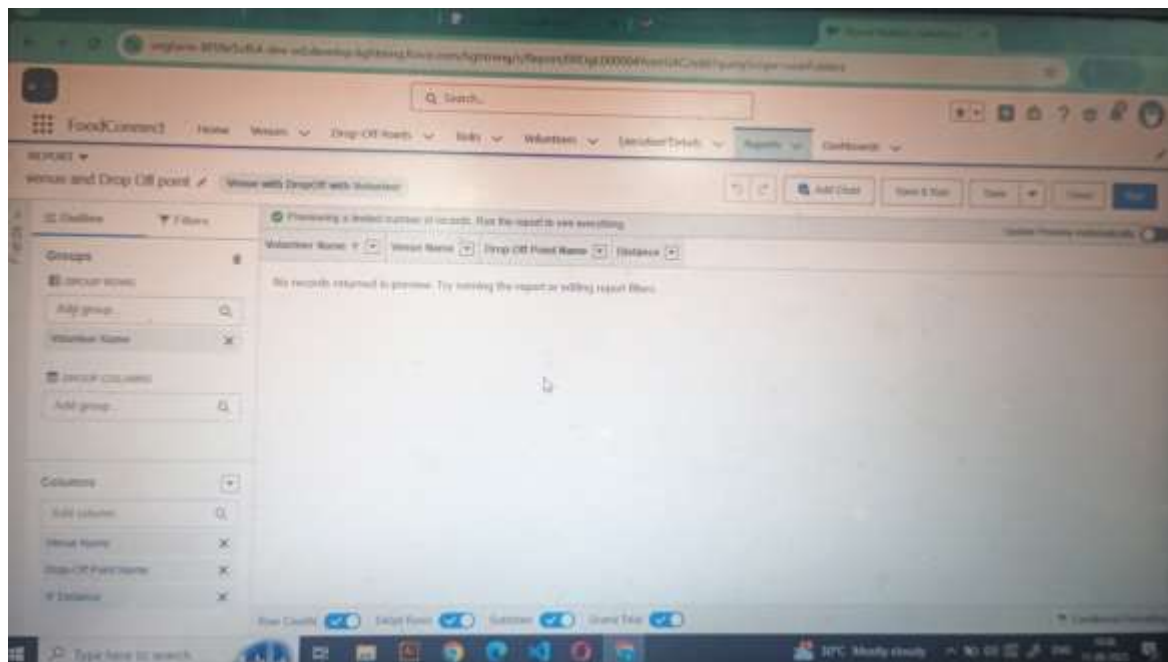
Drop-Off Points (A)

with at least one related record from Volunteers (B)

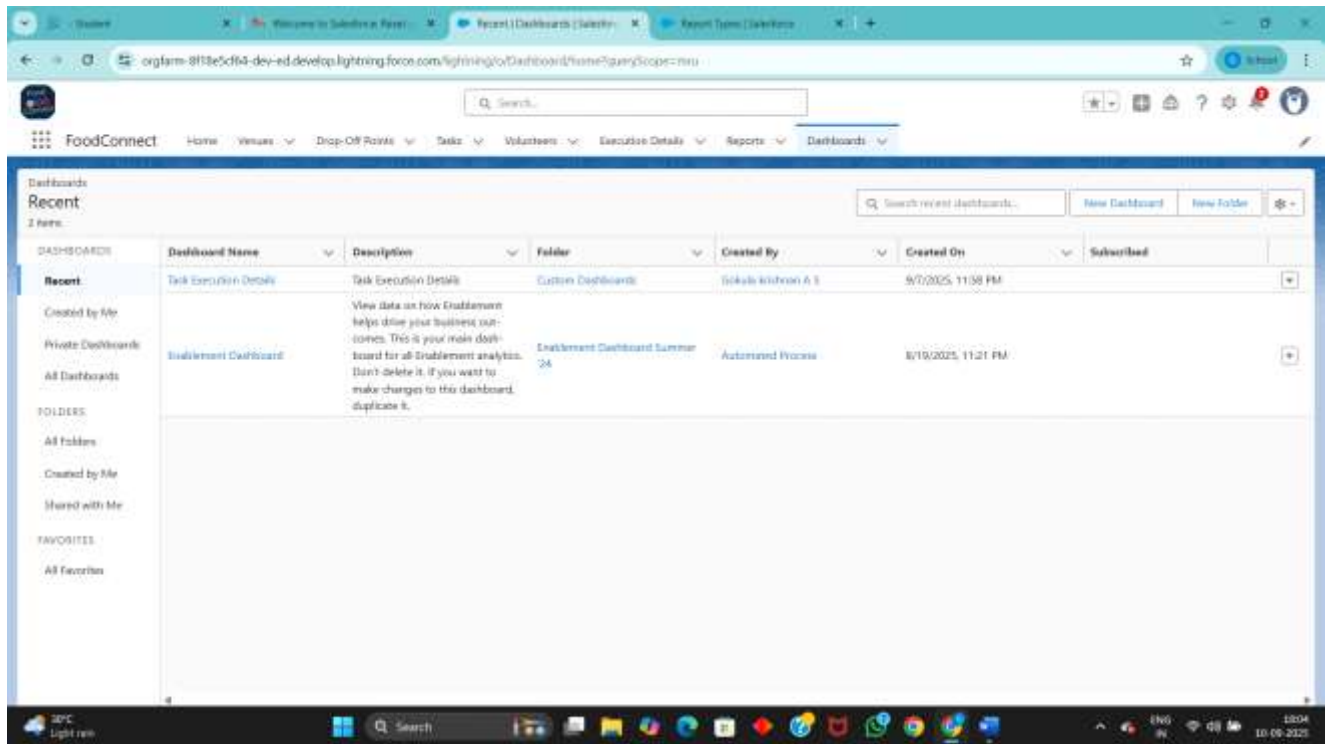
with at least one related record from Execution Details (C)

A B C

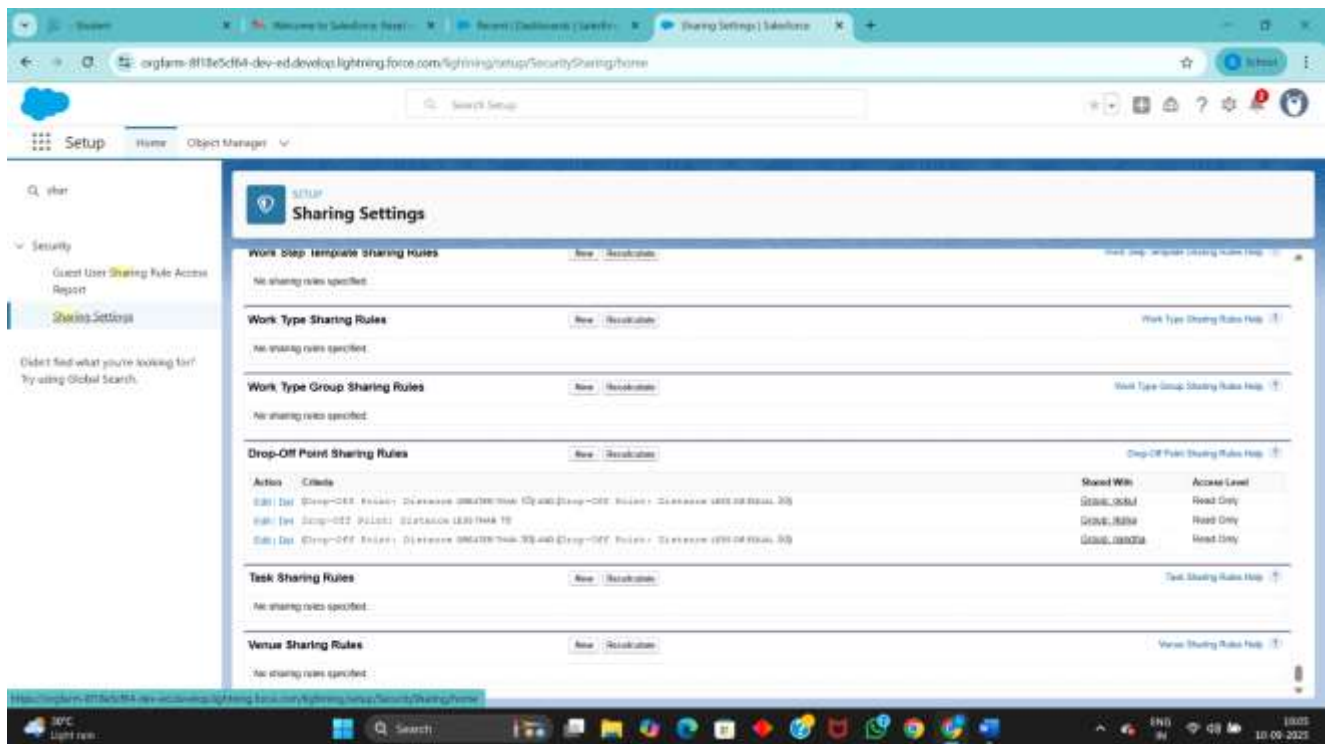
Reports :



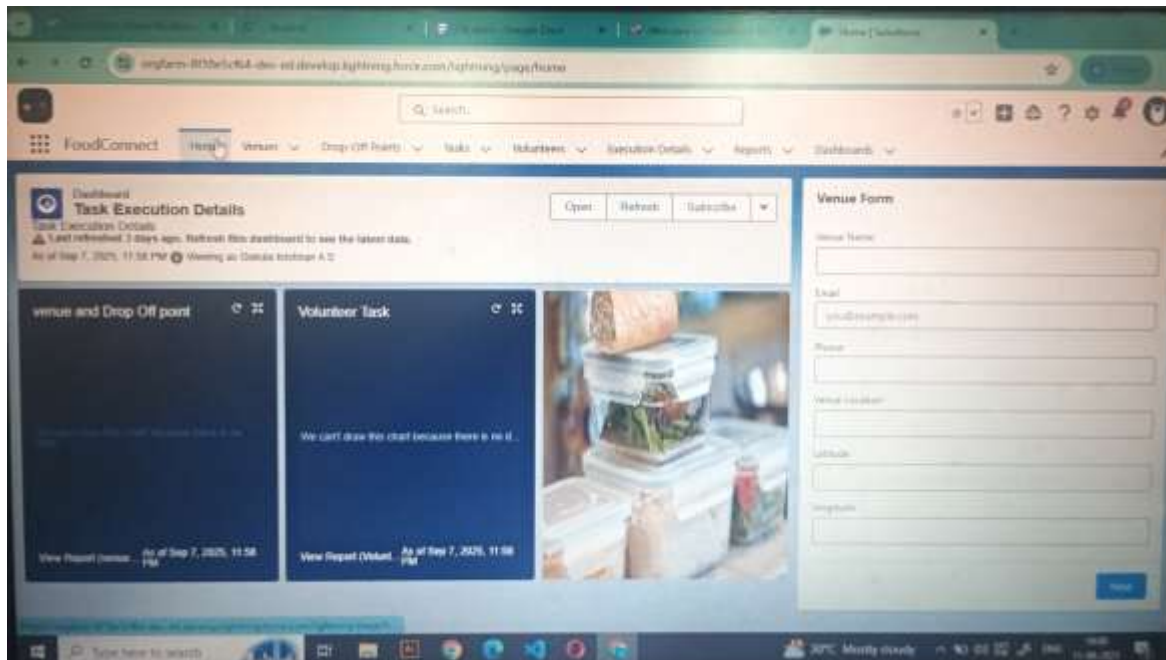
Dashboard :



Sharing Rules :



Home Page :



Conclusion :

By leveraging the Salesforce platform, the project successfully established a streamlined and transparent system for managing surplus food donations. Through efficient coordination with volunteers and timely delivery to beneficiaries, the project effectively addressed food insecurity while maximizing the utilization of available resources.