

PROJECT TITLE:

To Supply Leftover Food to Poor

**College Name: SRI KRISHNA ADITHYA COLLEGE OF
ARTS AND SCIENCE COIMBATORE-641042.**

College Code: bruag

TEAM ID: NM2025TMID22183

TEAM MEMBERS ARE:

Team Leader Name: DHAMU D

Email: dhamuvgp@gmail.com

Team Member: DHINAKARAN K

Email: prbhkrn90@gmail.com

Team Member: GIFTSON G

Email: giftson657@gmail.com

Team Member: GOKUL A

Email: gokula2602@gmail.com

INTRODUCTION:

Food wastage is one of the major problems in society. At the same time, many people are suffering from hunger. Our project aims to collect leftover food from hotels, restaurants, hostels, and households and distribute it to needy people through volunteers.

Objective:

Reduce food wastage.

Supply food to poor and homeless people.

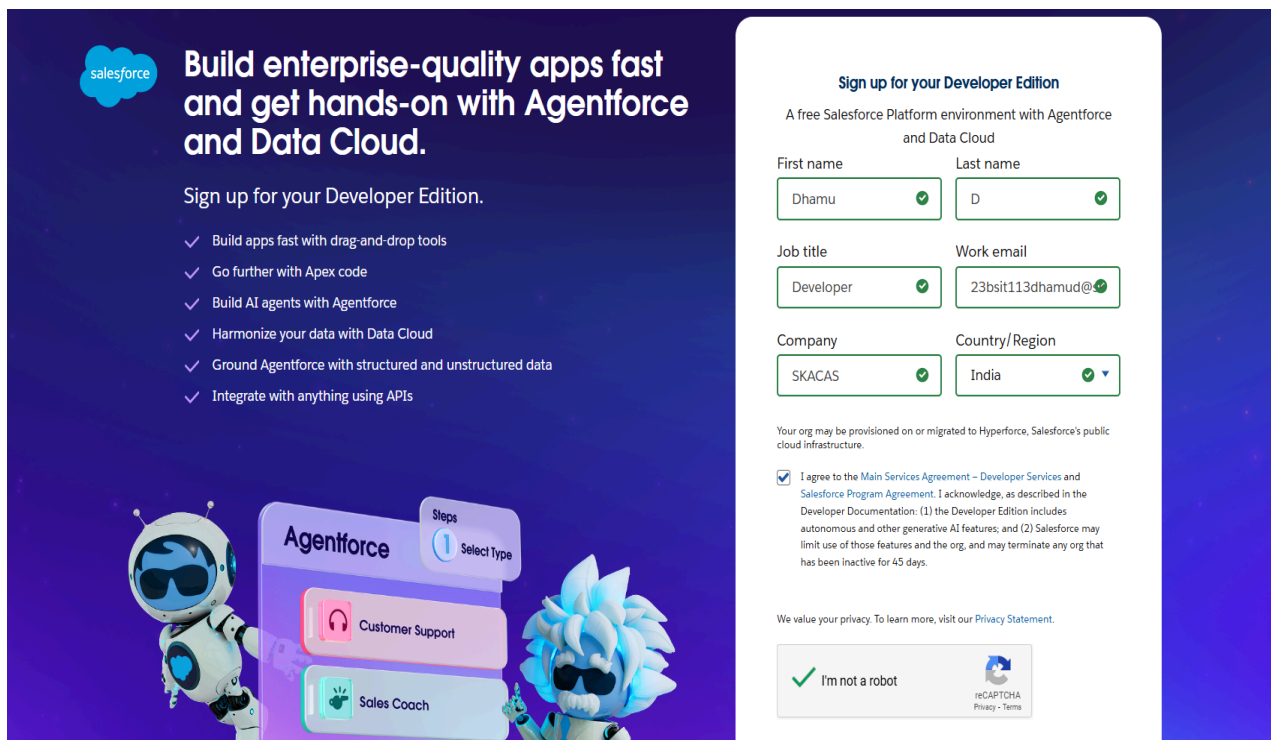
Create awareness about food donation.

Build a sustainable system with technology.

DEVELOPMENT PHASE:

Creating Developer Account:

By using this URL - <https://www.salesforce.com/form/developer-signup/?d=pb>



The image shows the Salesforce Developer Edition signup form. On the left, there is a promotional banner with the Salesforce logo and the text "Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud." Below this, it says "Sign up for your Developer Edition." and lists five benefits: "Build apps fast with drag-and-drop tools", "Go further with Apex code", "Build AI agents with Agentforce", "Harmonize your data with Data Cloud", "Ground Agentforce with structured and unstructured data", and "Integrate with anything using APIs". At the bottom of the banner are two cartoon characters, an astronaut and a robot, and a "Steps" bar with "1 Select Type".

The main form area is titled "Sign up for your Developer Edition" and includes the subtitle "A free Salesforce Platform environment with Agentforce and Data Cloud". The form fields are as follows:

First name	Last name
Dhamu	D

Job title	Work email
Developer	23bsit113dhamud@

Company	Country/Region
SKACAS	India

Below the form fields, there is a checkbox for "I agree to the Main Services Agreement – Developer Services and Salesforce Program Agreement. I acknowledge, as described in the Developer Documentation: (1) the Developer Edition includes autonomous and other generative AI features; and (2) Salesforce may limit use of those features and the org, and may terminate any org that has been inactive for 45 days." and a link to the "Privacy Statement". At the bottom, there is a "I'm not a robot" checkbox and a reCAPTCHA logo.

Created objects:

- Venue
- Drop-Off Point
- Task
- Volunteer
- Execution Detail
-

Task Execution Details | Salesforce | Venue | Developer Edition with Agent |

orgfarm-3de56c48b3-dev-ed-develop.lightning.force.com/lightning/setup/ObjectManager/01gl000001z551/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Venue

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

Details

Description

API Name: Venue__c

Custom: ☒

Singular Label: Venue

Plural Label: Venues

Enable Reports: ☒

Track Activities: ☒

Track Field History: ☒

Deployment Status: Deployed

Help Settings: Standard salesforce.com Help Window

Edit Delete

Activate Windows
Go to Settings to activate Windows.

Task Execution Details | Salesforce | Drop-Off Point | Developer Edition with Agent |

orgfarm-3de56c48b3-dev-ed-develop.lightning.force.com/lightning/setup/ObjectManager/01gl000001z5Gz/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Drop-Off Point

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

Details

Description

API Name: Drop_Off_Point__c

Custom: ☒

Singular Label: Drop-Off Point

Plural Label: Drop-Off Points

Enable Reports: ☒

Track Activities: ☒

Track Field History: ☒

Deployment Status: Deployed

Help Settings: Standard salesforce.com Help Window

Edit Delete

Activate Windows
Go to Settings to activate Windows.

Task Execution Details | Salesforce | Developer Edition with Agent |

orgfarm-3de56c48b3-dev-ed:develop.lightning.force.com/lightning/setup/ObjectManager/01tgL000001z5j/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Task

Details Edit Delete

Description

API Name: Task__c

Custom: ☒

Singular Label: Task

Plural Label: Tasks

Enable Reports: ☒

Track Activities: ☒

Track Field History: ☒

Deployment Status: Deployed

Help Settings: Standard salesforce.com Help Window

Activate Windows
Go to Settings to activate Windows.

Type here to search

25°C Light rain 10:00 16-09-2023

Task Execution Details | Salesforce | Developer Edition with Agent |

orgfarm-3de56c48b3-dev-ed:develop.lightning.force.com/lightning/setup/ObjectManager/01tgL000001z5ob/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Volunteer

Details Edit Delete

Description

API Name: Volunteer__c

Custom: ☒

Singular Label: Volunteer

Plural Label: Volunteers

Enable Reports: ☒

Track Activities: ☒

Track Field History: ☒

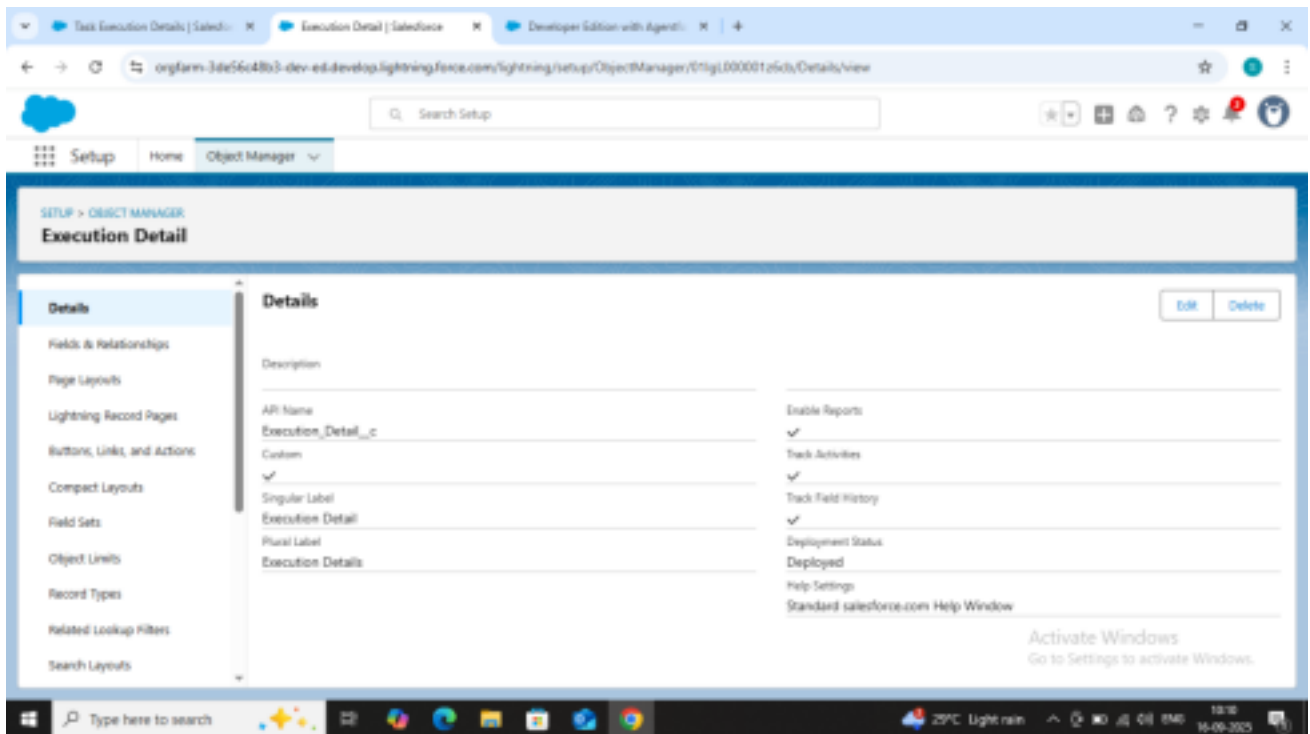
Deployment Status: Deployed

Help Settings: Standard salesforce.com Help Window

Activate Windows
Go to Settings to activate Windows.

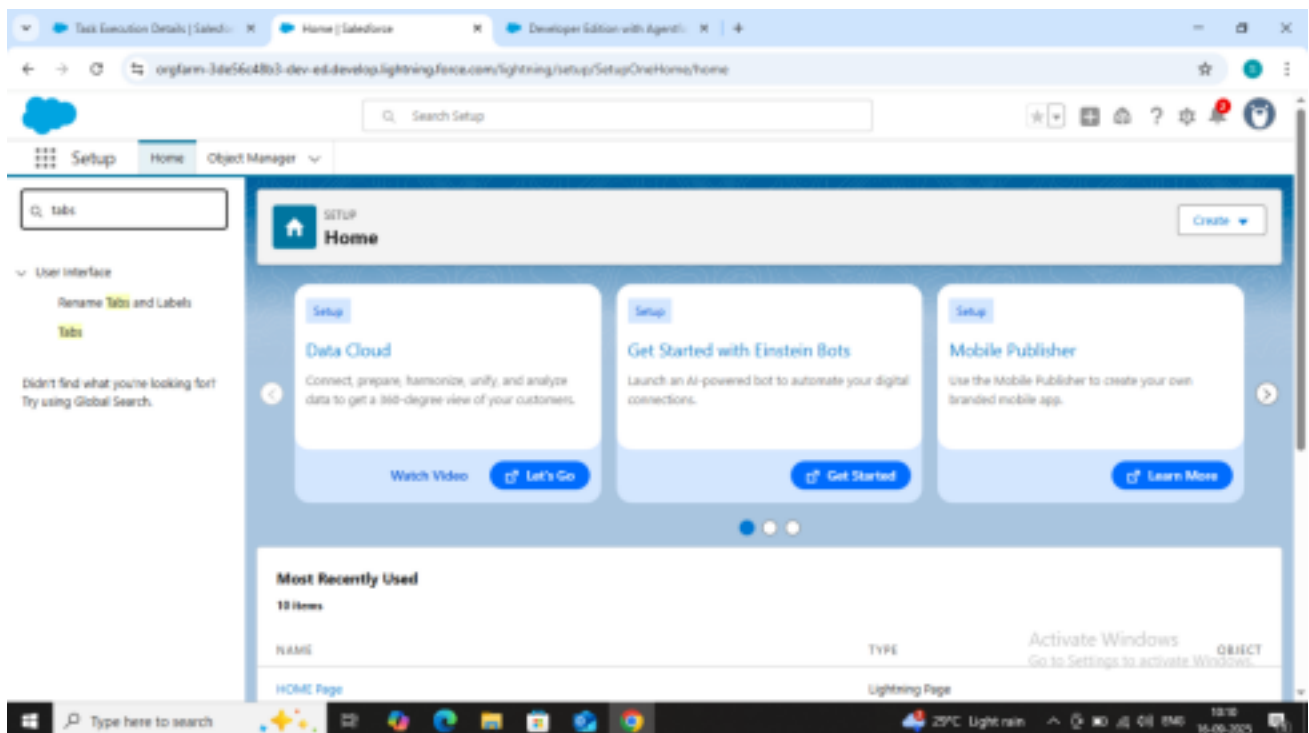
Type here to search

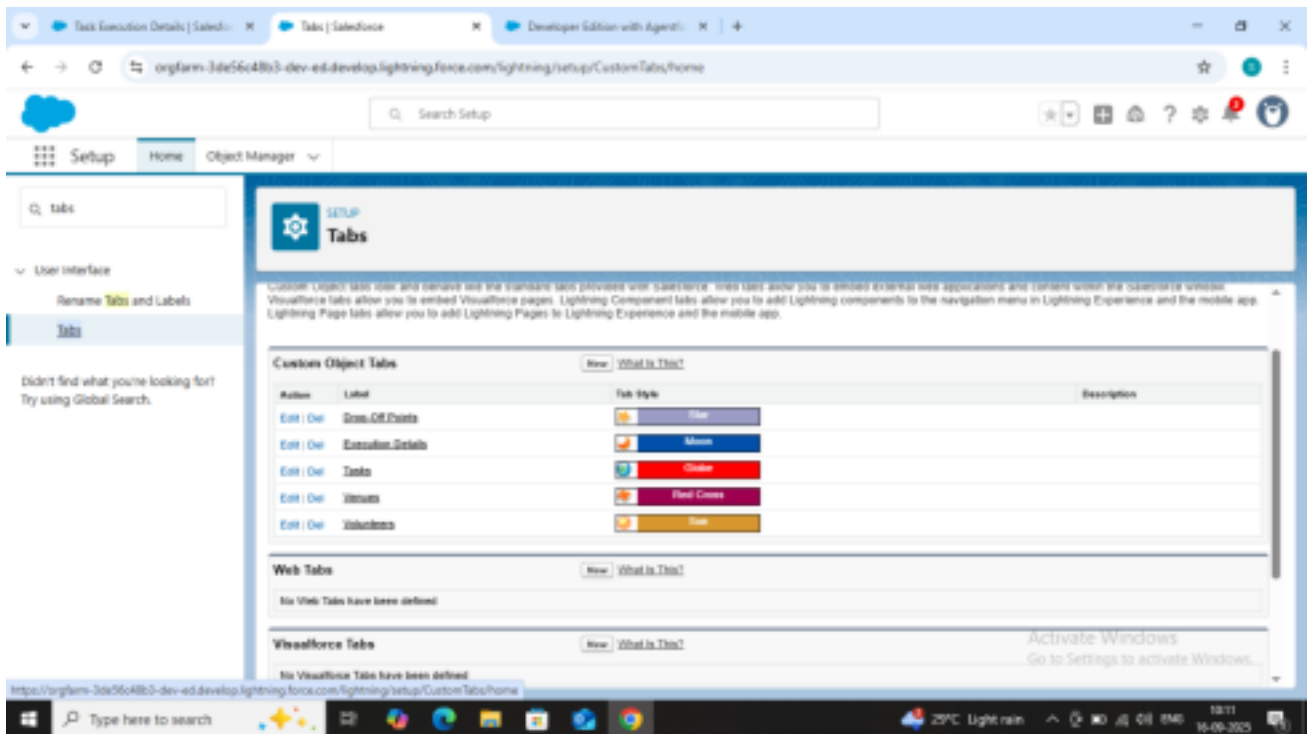
25°C Light rain 10:00 16-09-2023



Created tab:

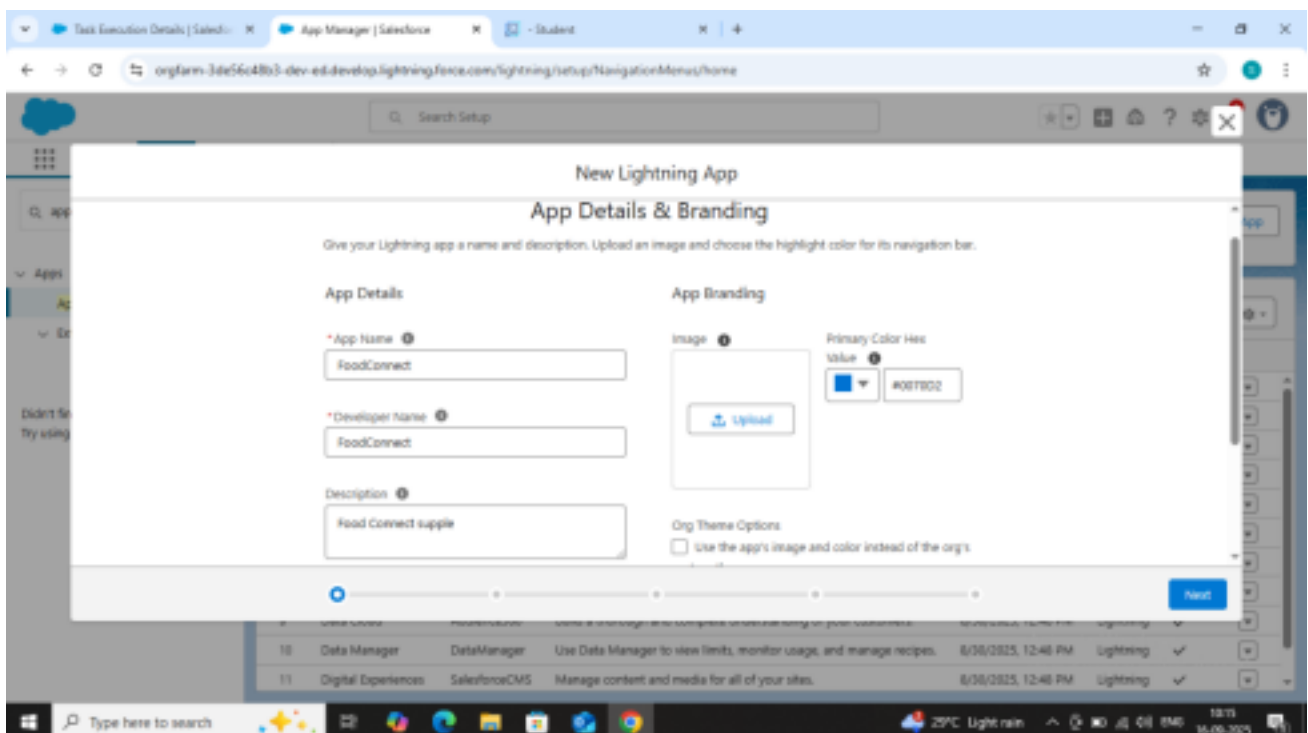
- Venue
- Drop-Off Point
- Task
- Volunteer
- Execution Detail

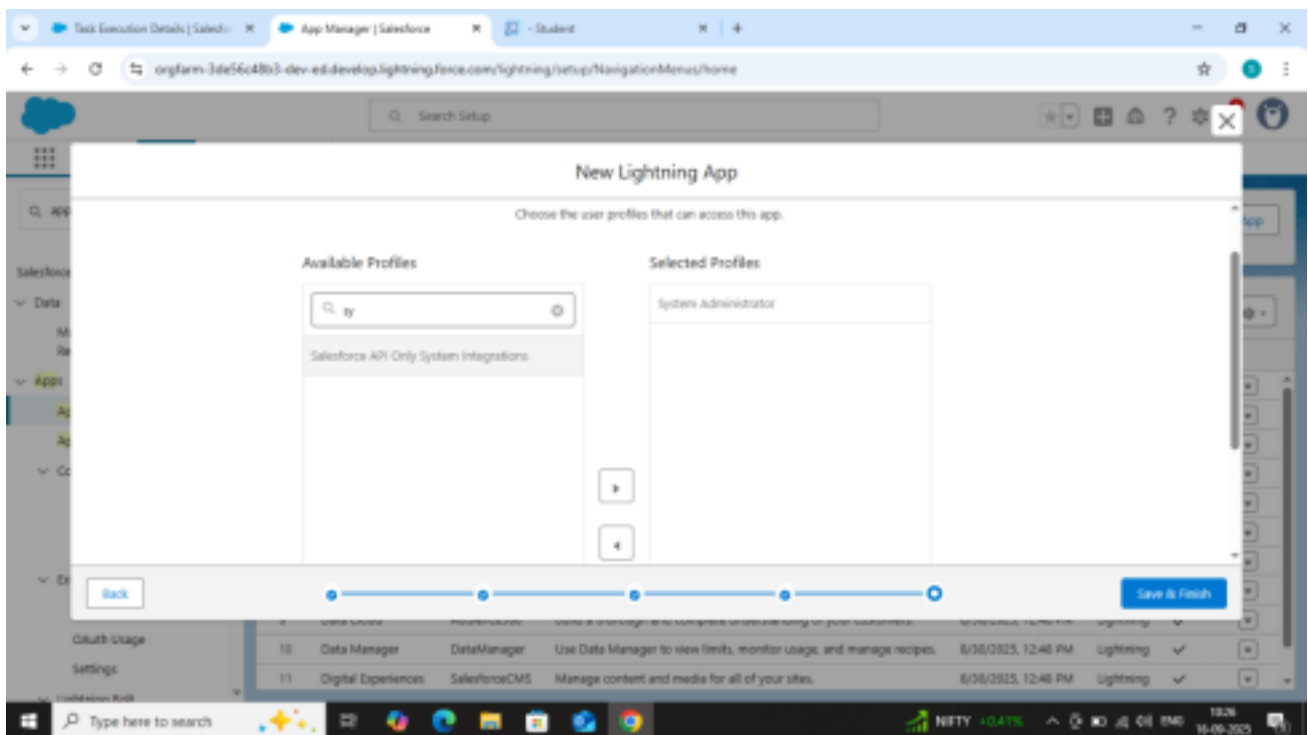
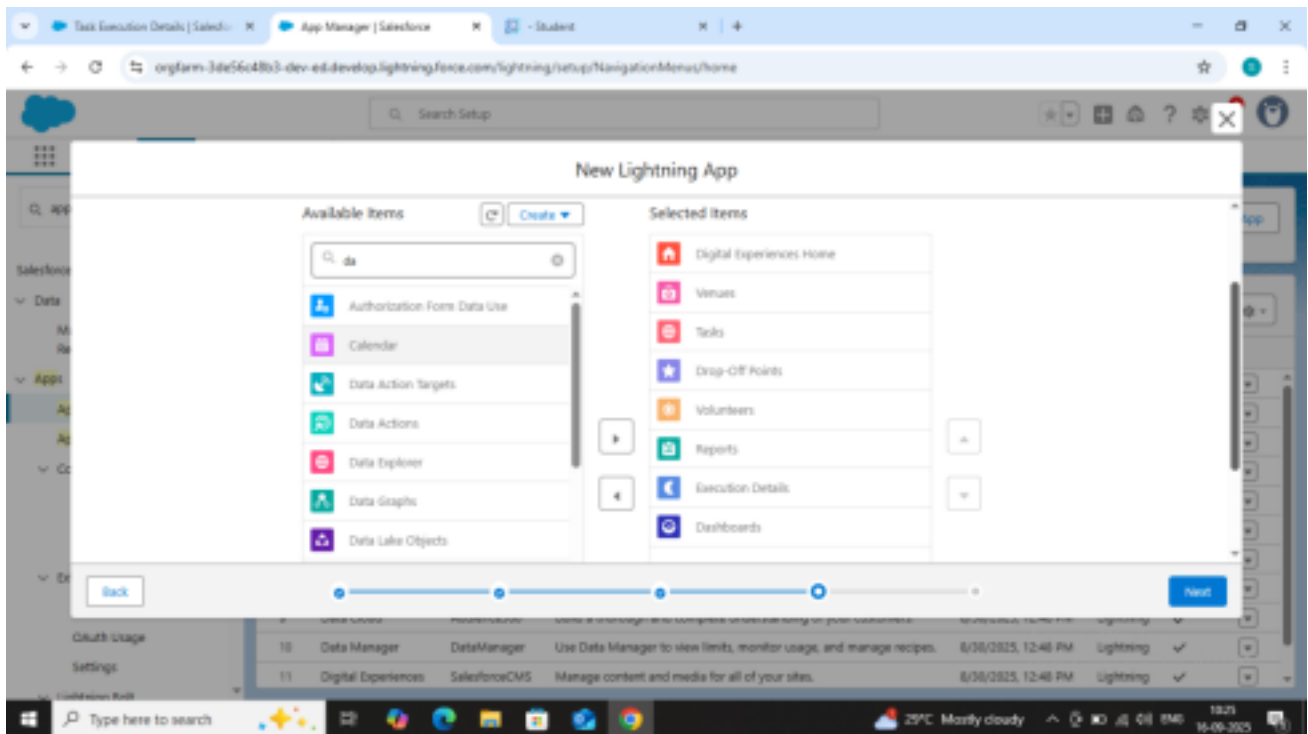




Created lightning app:

App Name : FoodConnect





Creation of fields for the Venue object

The screenshot shows the Salesforce Object Manager interface for the 'Venue' object. The 'Fields & Relationships' tab is selected, displaying a list of 8 fields. The fields are sorted by Field Label. The table below summarizes the fields shown in the screenshot:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Email	Contact_Email__c	Email		
Contact Phone	Contact_Phone__c	Phone		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Geolocation		
Owner	OwnerId	Lookup(User, Group)		✓
Venue Location	Venue_Location__c	Long Text Area (32768)		
Venue Name	Name	Text(80)		✓

Creation of fields for the Drop-Off point object

The screenshot shows the Salesforce Object Manager interface for the 'Drop-Off Point' object. The 'Fields & Relationships' tab is selected, displaying a list of 9 fields. The fields are sorted by Field Label. The table below summarizes the fields shown in the screenshot:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distance	Distance__c	Number(18, 0)		
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		

Creation of fields for the Task object

The screenshot shows the Salesforce Object Manager interface for the 'Task' object. The left sidebar lists various setup options, with 'Fields & Relationships' selected. The main area displays a table of fields for the Task object, 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, Date, Distance, Drop-Off Point, Feedback, Food Category, and Last Modified By. The 'Drop-Off Point' field is highlighted with a checkmark in the Indexed column.

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_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)		

Creation of fields for the Volunteer object

The screenshot shows the Salesforce Object Manager interface for the 'Volunteer' object. The left sidebar lists various setup options, with 'Fields & Relationships' selected. The main area displays a table of fields for the Volunteer object, sorted by Field Label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Date of Birth, Address, Age, Available On, Contact Number, Created By, and Drop-Off point. The 'Drop-Off point' field is highlighted with a checkmark in the Indexed column.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Date of Birth	Date_of_birth_c	Date		
Address	Address_c	Long Text Area(32768)		
Age	Age_c	Number(16, 0)		
Available On	Available_On_c	Date		
Contact Number	Contact_Number_c	Number(16, 0)		
Created By	CreatedById	Lookup(User)		
Drop-Off point	Drop_Off_point_c	Master-Detail(Drop-Off Point)		✓

Creation of fields for the Execution Details object

Setup

Home

Object Manager

Search Setup

Setup > OBJECT MANAGER

Execution Detail

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

Object Access

Fields & Relationships

5 Items, Sorted by Field Label

Q Quick Find

New

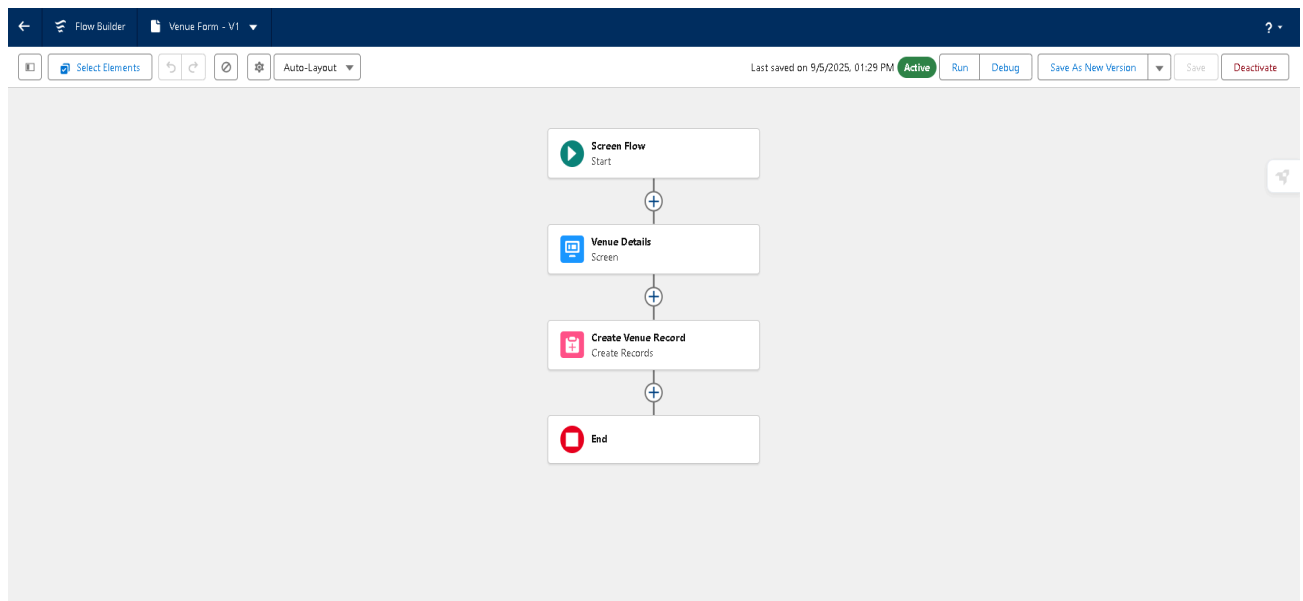
Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Execution Detail Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Task	Task__c	Master-Detail(Task)		✓
Volunteer	Volunteer__c	Master-Detail(Volunteer)		✓

Create Flow to create a record in Venue object



Create a DropOffTrigger

Developer Console - Google Chrome

orgfarm-65247ec699-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File Edit Debug Test Workspace Help < >

DropOffTrigger.apxt

Code Coverage: None API Version: 64 Go To

```
1 trigger DropOffTrigger on Drop_Off_point__c (before insert) {
2
3     for(Drop_Off_point__c Drop : Trigger.new){
4
5         Drop.Distance__c = Drop.distance_calculation__c;
6
7     }
8
9 }
```

Create a NGOs Profile

Setup Home Object Manager

Search Setup

Search: profil

Users Profiles

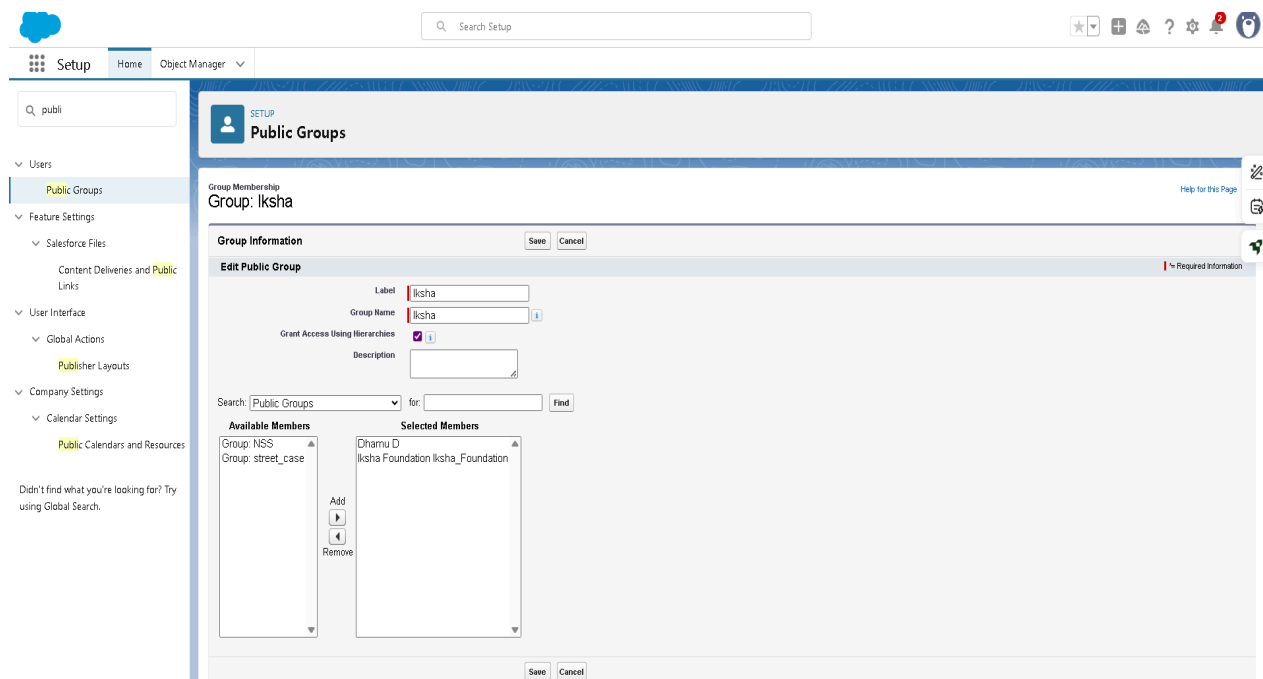
Didn't find what you're looking for? Try using Global Search.

Profiles

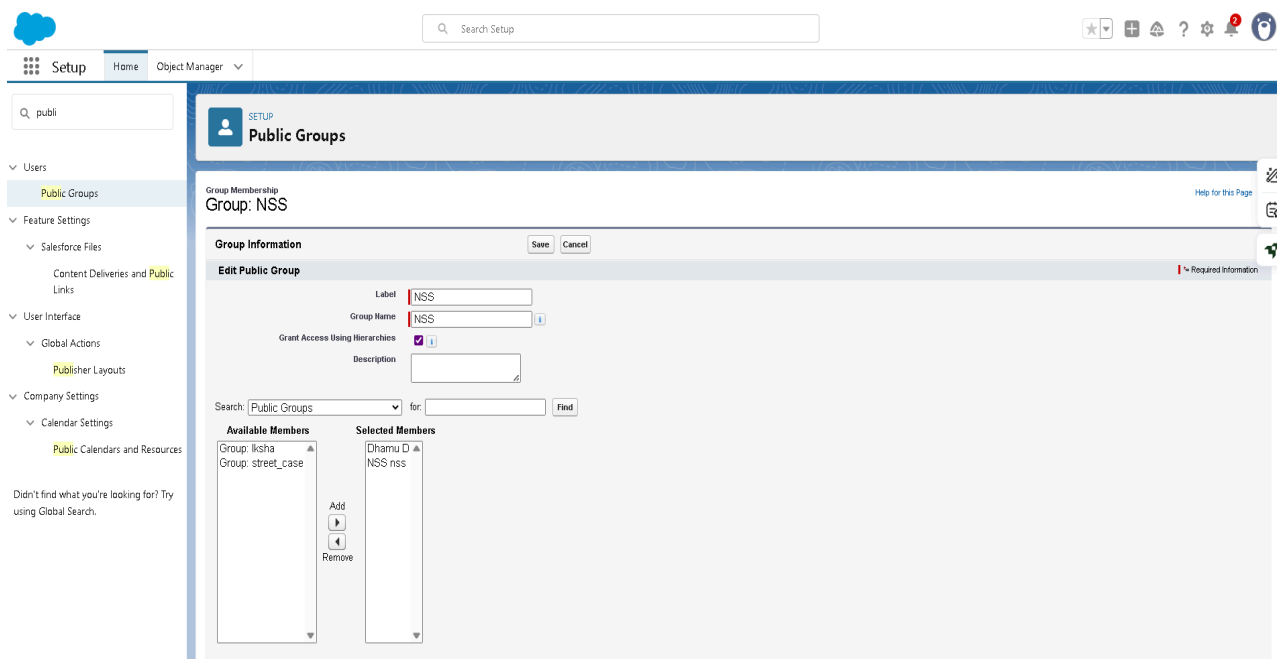
All Profiles Edit Delete Create New View

Action	Profile Name	User License	Custom
Edit Clone	Analytics Cloud Integration User	Analytics Cloud Integration User	<input type="checkbox"/>
Edit Clone	Analytics Cloud Security User	Analytics Cloud Integration User	<input type="checkbox"/>
Edit Clone	Anypoint Integration	Identity	<input type="checkbox"/>
Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>
Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>
Edit Del ...	B2B Reordering Portal Buyer Profile	External Apps Login	<input checked="" type="checkbox"/>
Edit Clone	Chatter External User	Chatter External	<input type="checkbox"/>
Edit Clone	Chatter Free User	Chatter Free	<input type="checkbox"/>
Edit Clone	Chatter Moderator User	Chatter Free	<input type="checkbox"/>
Edit Clone	Contract Manager	Salesforce	<input type="checkbox"/>
Edit Clone	Cross Org Data Proxy User	XOrg Proxy User	<input type="checkbox"/>
Edit Del ...	Custom: Marketing Profile	Salesforce	<input checked="" type="checkbox"/>
Edit Del ...	Custom: Sales Profile	Salesforce	<input checked="" type="checkbox"/>
Edit Del ...	Custom: Support Profile	Salesforce	<input checked="" type="checkbox"/>
Edit Clone	Customer Community Login User	Customer Community Login	<input type="checkbox"/>
Edit Clone	Customer Community Plus Login User	Customer Community Plus Login	<input type="checkbox"/>
Edit Clone	Customer Community Plus User	Customer Community Plus	<input type="checkbox"/>
Edit Clone	Customer Community User	Customer Community	<input type="checkbox"/>
Edit Clone	Customer Portal Manager Custom	Customer Portal Manager Custom	<input type="checkbox"/>
Edit Clone	Customer Portal Manager Standard	Customer Portal Manager Standard	<input type="checkbox"/>
Edit Clone	Einstein Agent User	Einstein Agent	<input type="checkbox"/>

Creation of User1



Creation of User2



Creation of User3

Setup

Home

Object Manager

Search Setup

publi

Public Groups

Salesforce Files

Content Deliveries and Public Links

User Interface

Global Actions

Publisher Layouts

Company Settings

Calendar Settings

Public Calendars and Resources

Didn't find what you're looking for? Try using Global Search.

Public Groups

Group Membership

Group: street_case

Group Information

Save

Cancel

Required Information

Label

street_case

Group Name

street_case

Grant Access Using Hierarchies

☒

Description

Search: Public Groups for: Find

Available Members

Group: Iksha

Group: NSS

Add

Remove

Selected Members

Dharmu D

street_case street

Creation of Public Groups

Setup

Home

Object Manager

Search Setup

publi

Public Groups

Salesforce Files

Content Deliveries and Public Links

User Interface

Global Actions

Publisher Layouts

Company Settings

Calendar Settings

Public Calendars and Resources

Didn't find what you're looking for? Try using Global Search.

Public Groups

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.

View: All Edit Create New View

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

Action	Label +	Group Name	Created By	Created Date
Edit Del	Iksha	Iksha	D_Dharmu	9/5/2025, 1:33 AM
Edit Del	NSS	NSS	D_Dharmu	9/5/2025, 1:34 AM
Edit Del	street_case	street_case	D_Dharmu	9/5/2025, 1:35 AM

Creation of Report Types

Setup

Home

Object Manager

report

Feature Settings

Analytics

Reports & Dashboards

Access Policies

Historical Trending

Report Types

Reporting Snapshots

Reports and Dashboards Settings

Security

Guest User Sharing Rule Access

Report

Didn't find what you're looking for? Try using Global Search.

Custom Report Types

New Custom Report Type

1 Define the Custom Report Type

Select Primary Object

Select the object that is the focus of reports created with this report type.

Primary Object

Venues

Details

Display Label

Enter label...

Enter a display label.

API Name

Enter API name...

Description

Enter description...

Note: Description will be visible to users who create reports.

Creation of Report

FoodConnect

Home

Venues

Tasks

Drop-Off Points

Execution Details

Volunteers

Reports

Dashboards

Search...

Star

Plus

Home

Help

Settings

Notifications

User

Reports

Recent

3 items

Search recent reports...

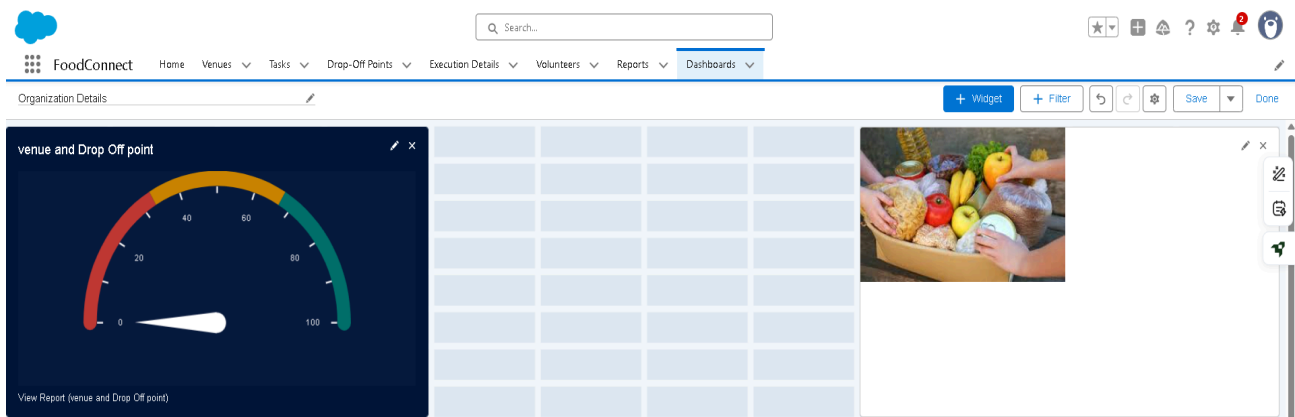
New Report

New Folder

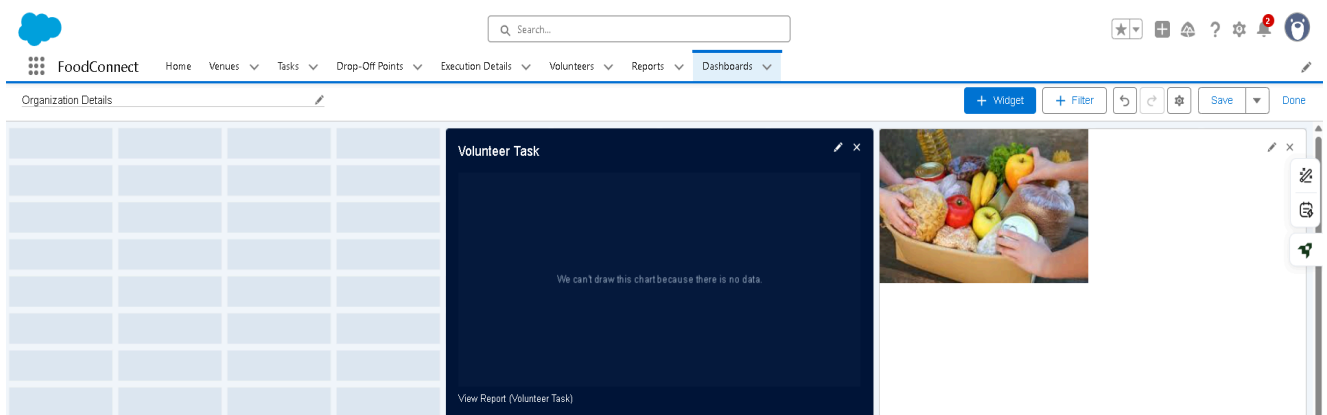
Settings

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	8/31/2025, 8:51 AM	
Created by Me	Volunteer Task		Private Reports	Dhamu D	9/5/2025, 2:00 AM	
Private Reports	venue and Drop Off point		Private Reports	Dhamu D	9/5/2025, 1:48 AM	
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Adding venue and Drop Off point,Report to the Dashboard



Adding Volunteer Task Report to the Dashboard

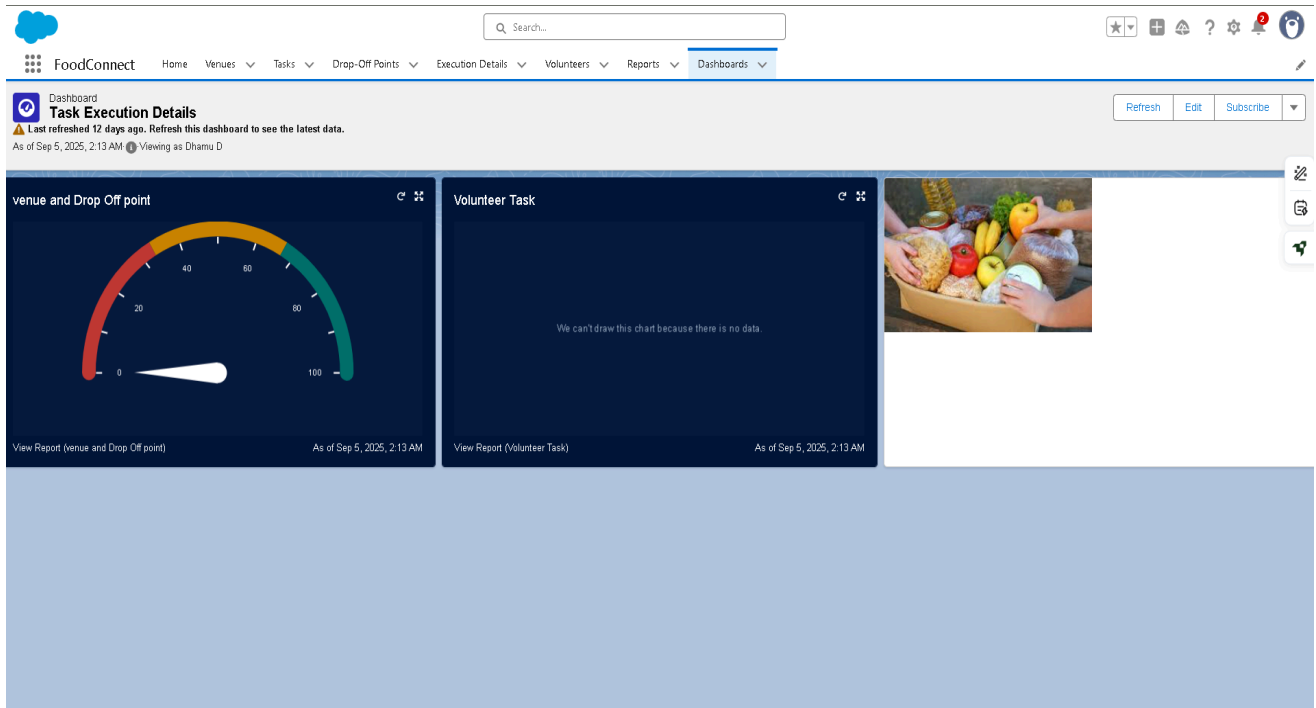


Creation of sharing rules

The screenshot displays the "Setup" page in FoodConnect, specifically the "Sharing Settings" section. The left sidebar shows the navigation menu with "Setup" selected. The main content area lists various sharing rule categories, each with a "New" button and a "Recalculate" button. The "Drop-Off Point Sharing Rules" section is expanded, showing a table of rules.

Action	Criteria	Shared With	Access Level
Edit Del	Drop-Off Point: Distance LESS THAN 15	Group: Iksha	Read Only
Edit Del	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)	Group: NSS	Read Only
Edit Del	(Drop-Off Point: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)	Group: street_case	Read Only

Result of Home Page



Conclusion

This project provides a practical solution to two major issues in our society food wastage and hunger. By creating a system where hotels, restaurants, and households can donate leftover food, and volunteers can collect and distribute it to poor people, we are reducing waste and feeding the needy at the same time.

The project also encourages social responsibility, awareness, and sustainable living. With proper support from NGOs, government, and the community, this initiative can be expanded on a large scale to benefit thousands of people.

Thus, the project proves that small actions like food donation can bring a big positive change in society.