

# **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**

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### **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 screenshot shows a web browser window with the URL [salesforce.com/form/developer-signup/?d=pb](https://www.salesforce.com/form/developer-signup/?d=pb). The page has a dark blue header 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 several 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". On the right side, there is a white form titled "Sign up for your Developer Edition" with the subtitle "A free Salesforce Platform environment with Agentforce and Data Cloud". The form contains the following fields: "First name" (filled with "REVATHI"), "Last name" (filled with "S"), "Job title" (filled with "DEVELOPER"), "Work email" (filled with "revathisaiu0123@gsa"), "Company" (filled with "SRI YASANT COLLEGE"), and "Country/Region" (filled with "India"). Below the form, there is a checkbox labeled "I agree to the Main Services Agreement - Developer Services and Salesforce Program Agreement" which is checked. At the bottom of the page, there is a Windows taskbar with the search bar and various application icons.

Created objects:

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

Task Execution Details | Salesforce | Venue | Salesforce | 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 | Salesforce | 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**

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: 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

[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/01tgL000001z5ob/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

### Volunteer

**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: Volunteer\_\_c

Custom: ☒

Singular Label: Volunteer

Plural Label: Volunteers

Enable Reports: ☒

Track Activities: ☒

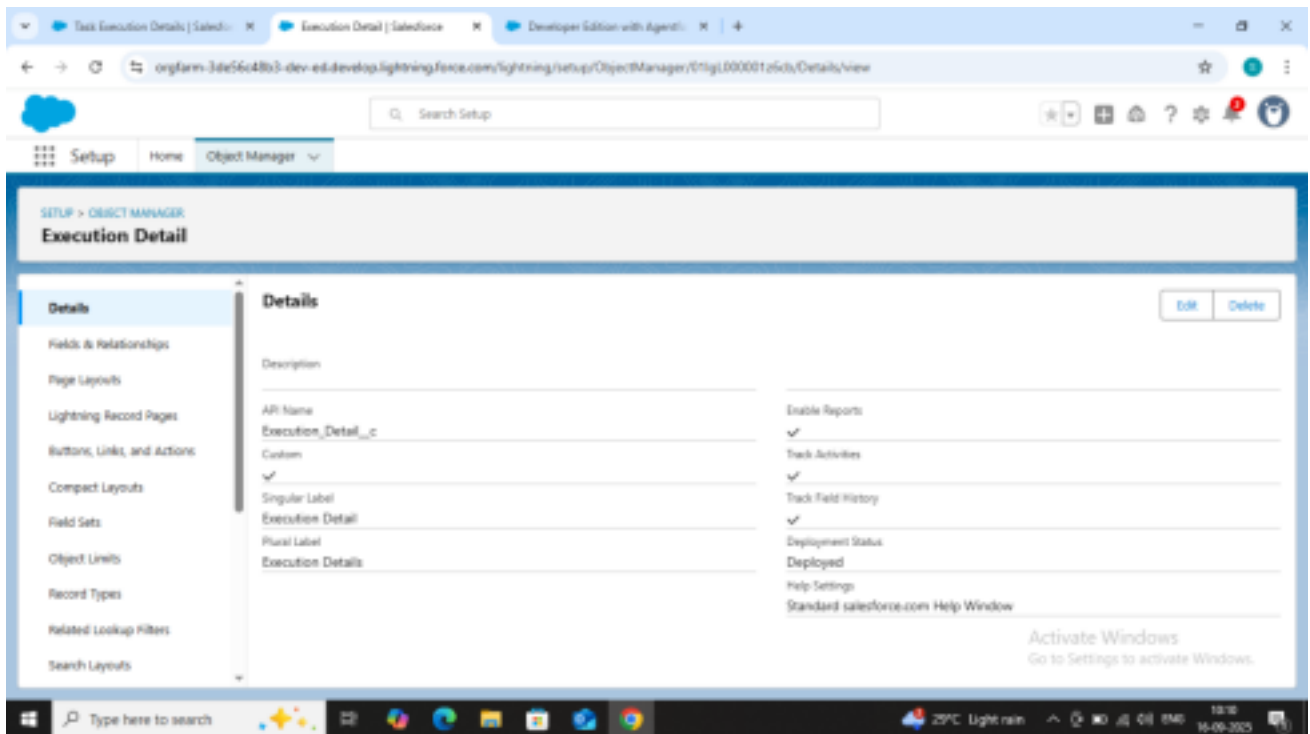
Track Field History: ☒

Deployment Status: Deployed

Help Settings: Standard salesforce.com Help Window

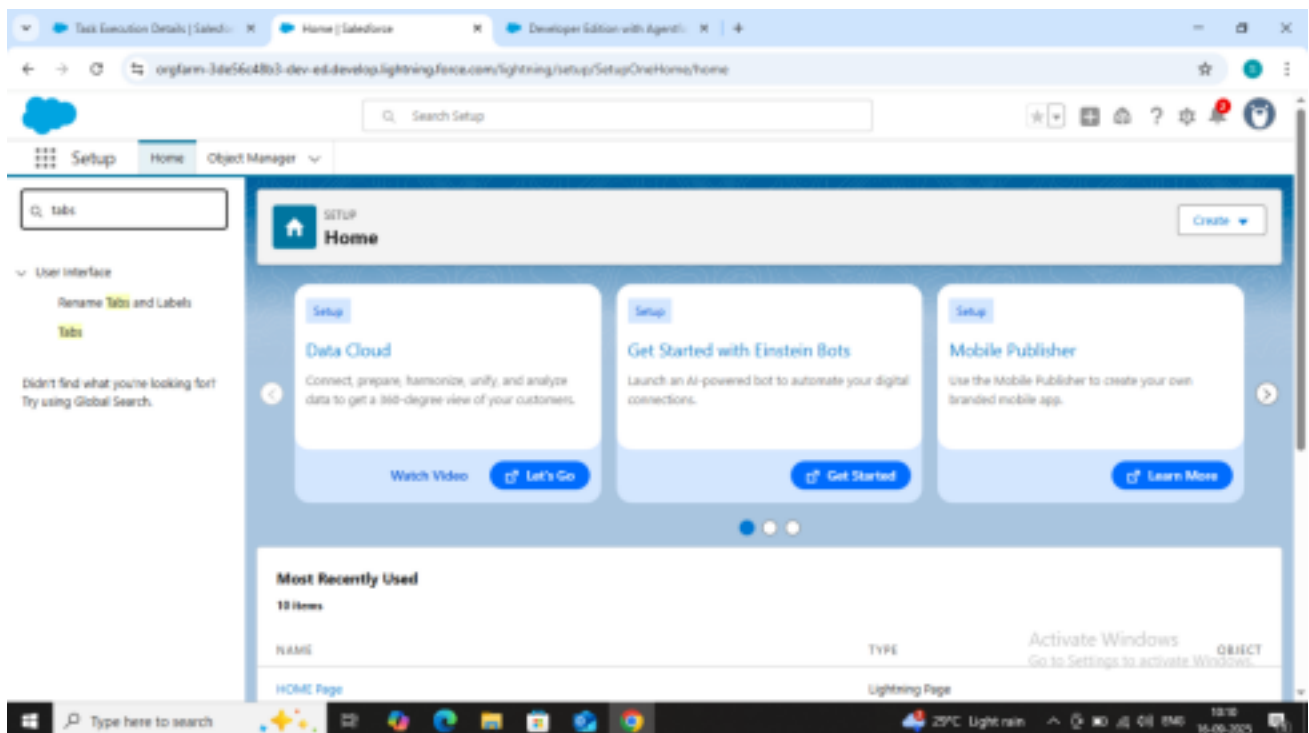
[Edit](#) [Delete](#)

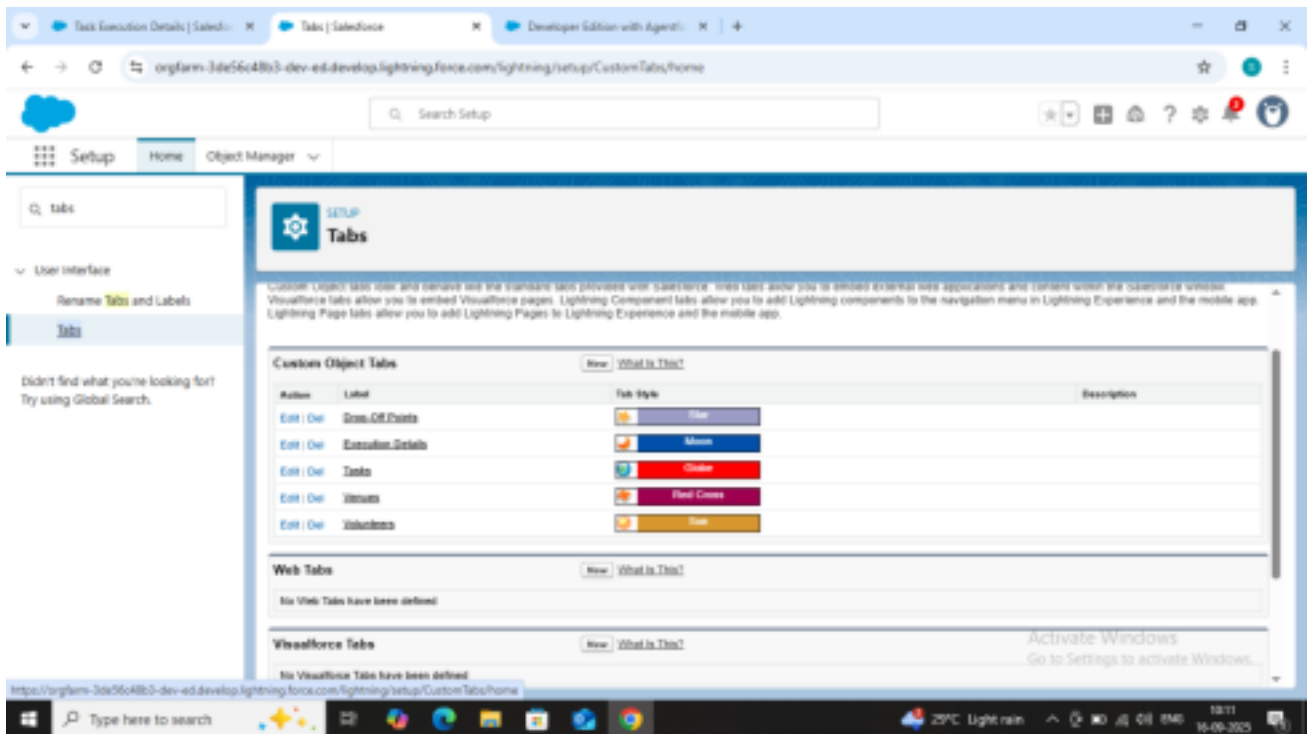
Activate Windows  
Go to Settings to activate Windows.



## Created tab:

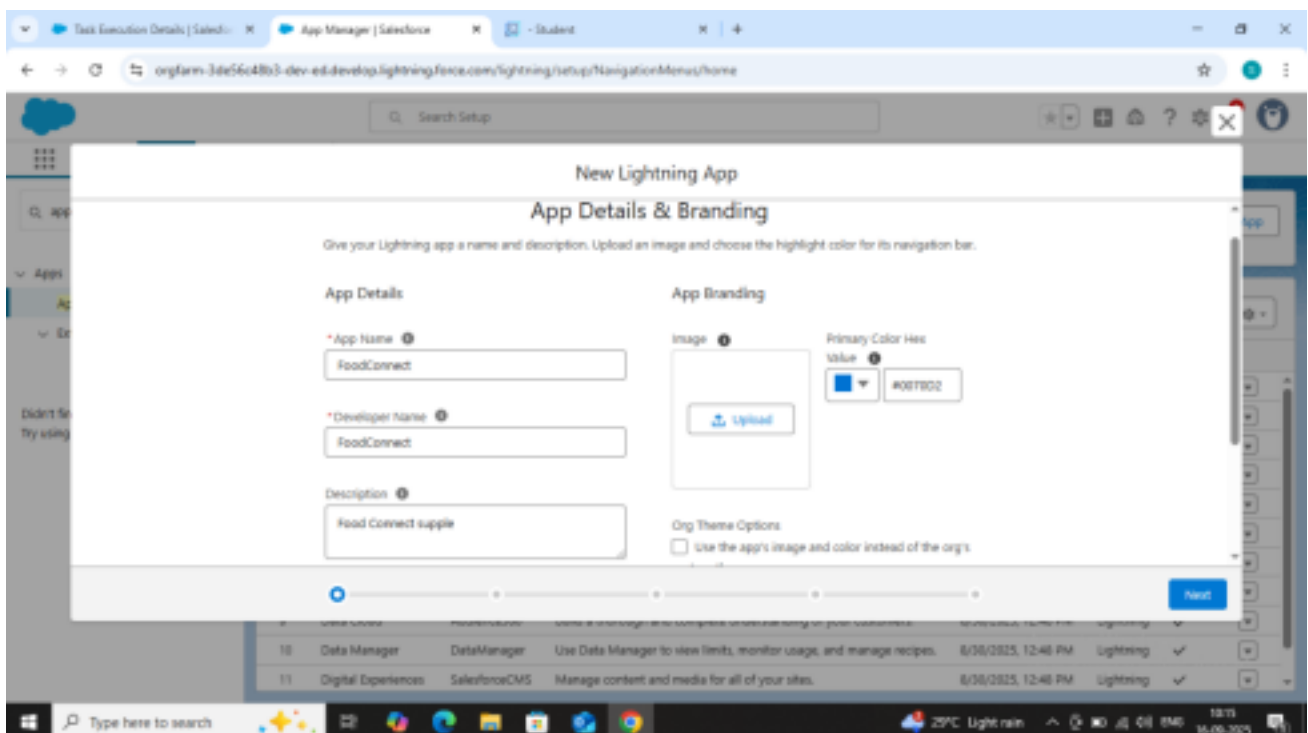
- Venue
- Drop-Off Point
- Task
- Volunteer
- Execution Detail

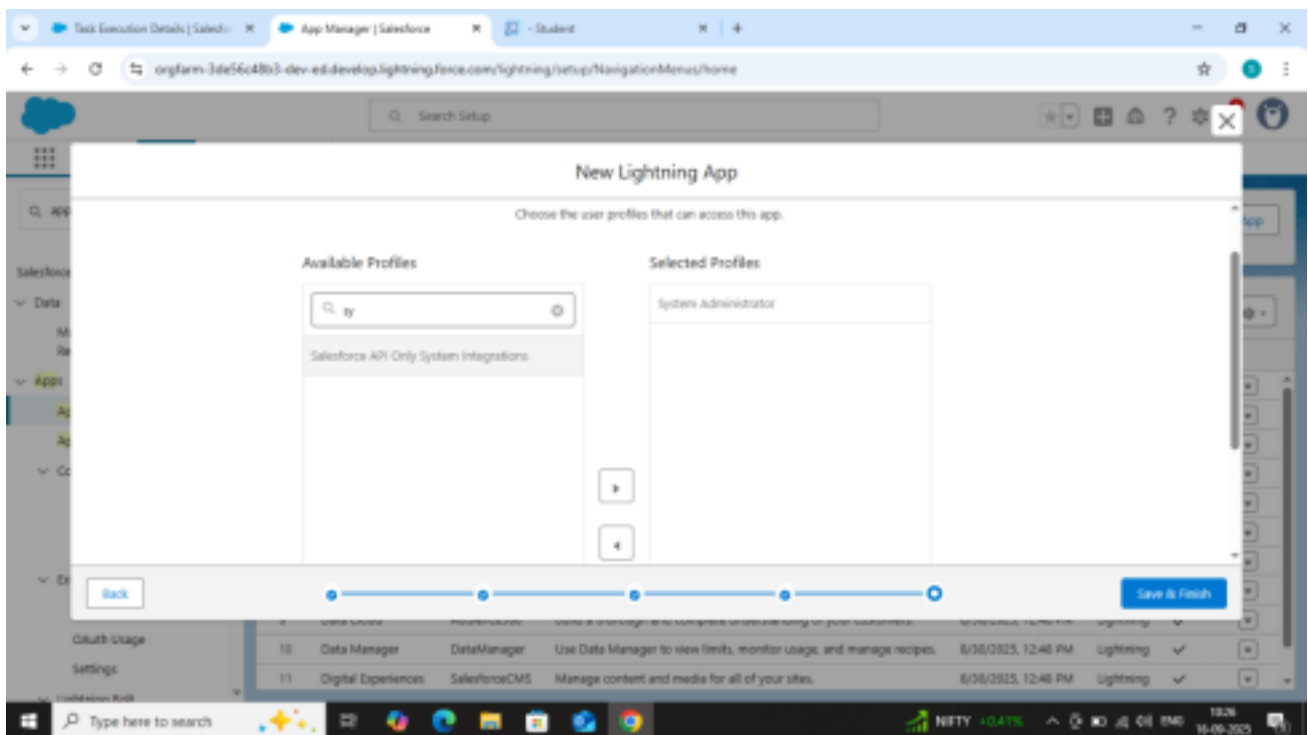
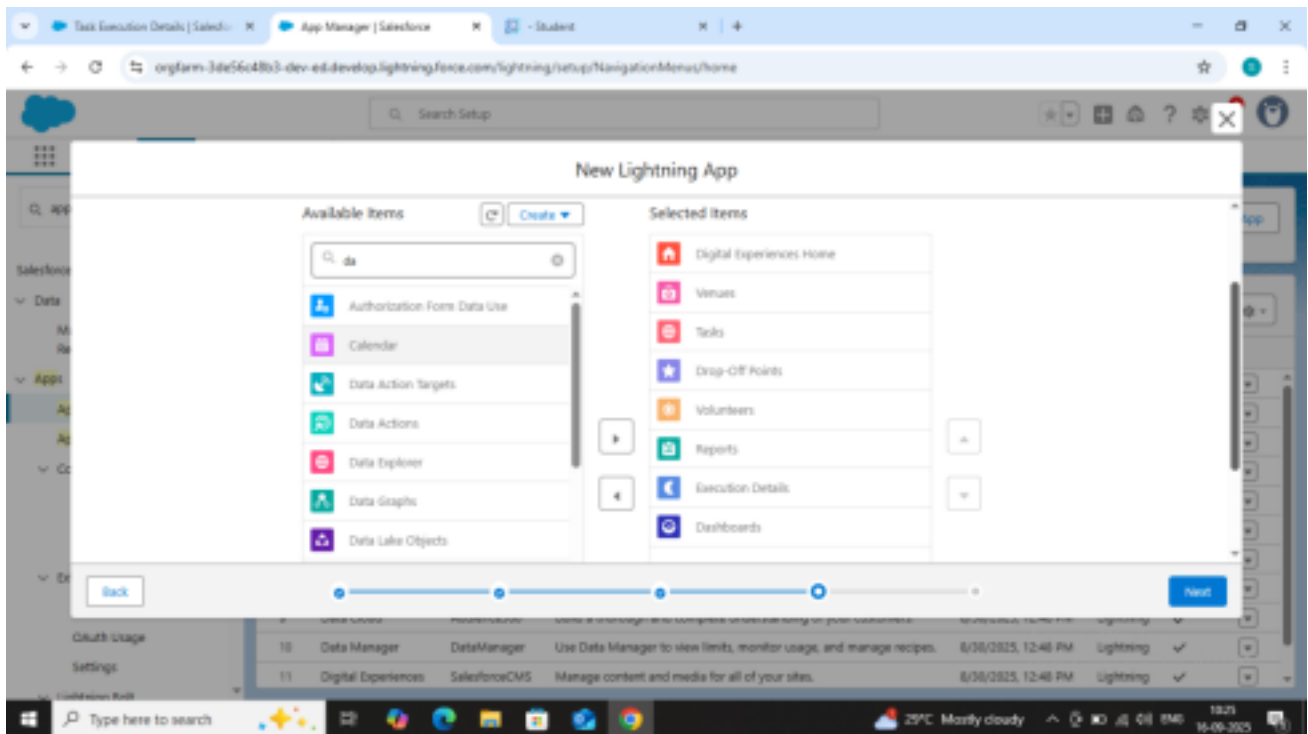




**Created lightning app:**

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 represents the data 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 represents the data 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 marked as indexed.

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 marked as indexed.

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

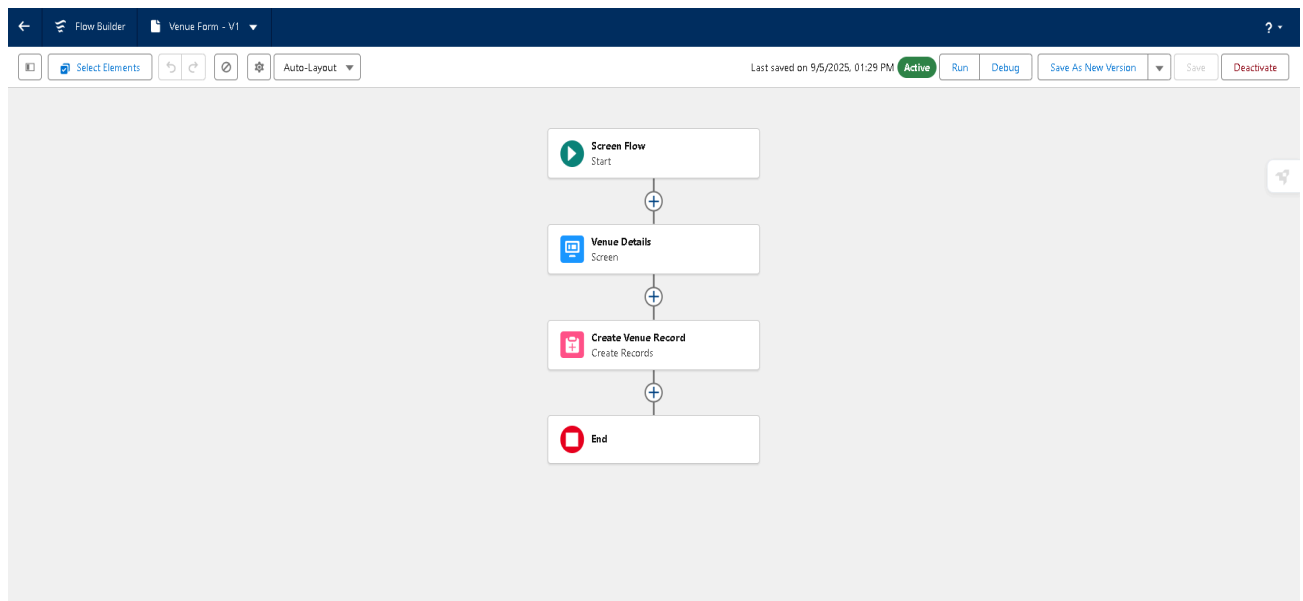
Deleted Fields

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.

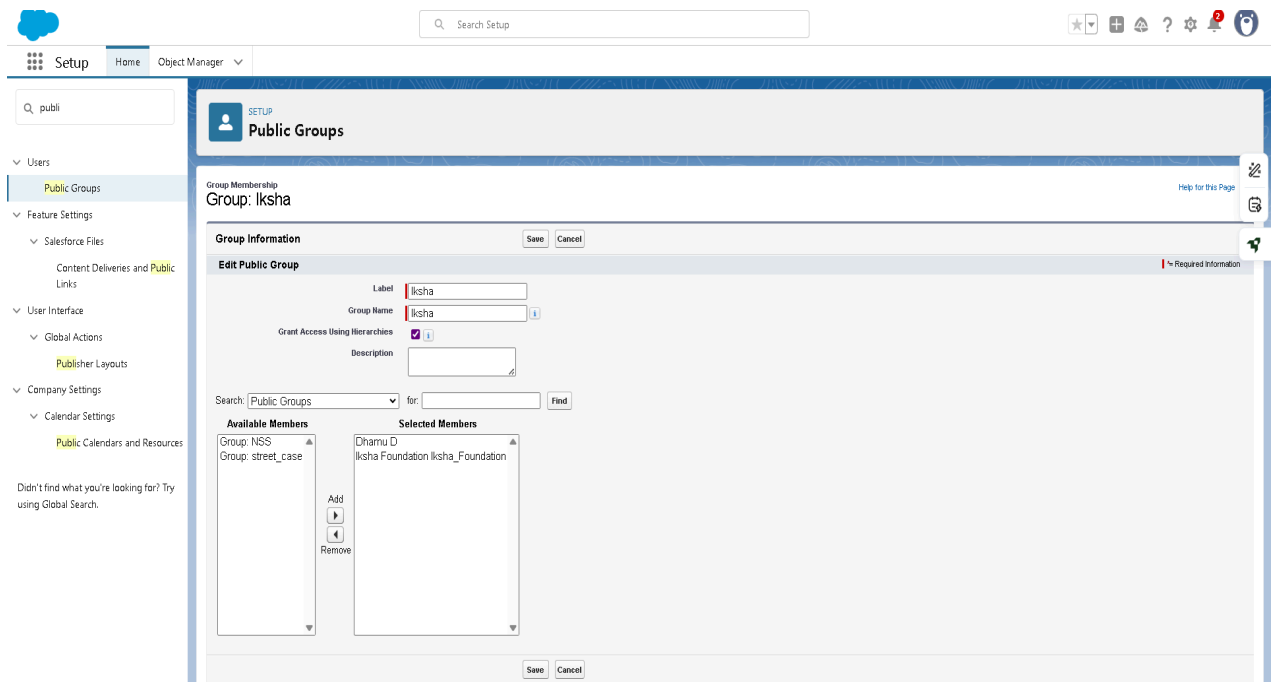
### Profiles

All Profiles Edit Delete Create New View

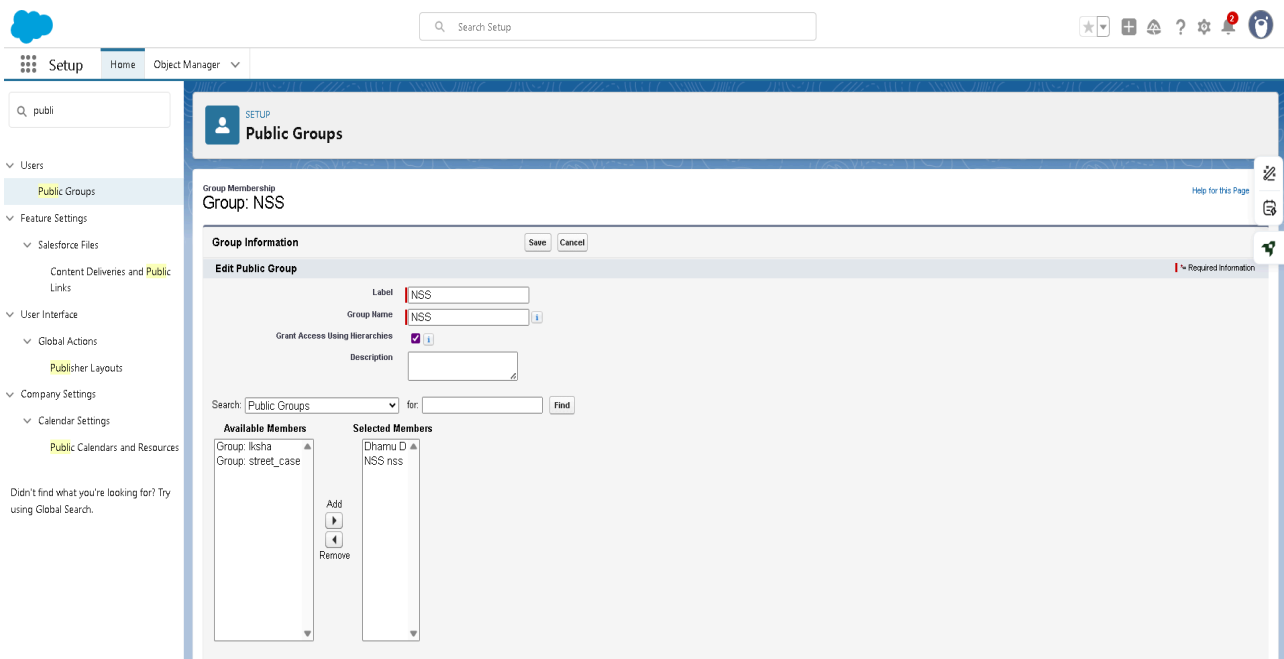
New Profile

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

## Creation of User1



## Creation of User2



## Creation of User3

Setup

Home

Object Manager

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: street\_case

Group Information

Save

Cancel

Edit Public Group

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

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
<a href="#">Edit</a>   <a href="#">Del</a>	Iksha	Iksha	D_Dharmu	9/5/2025, 1:33 AM
<a href="#">Edit</a>   <a href="#">Del</a>	NSS	NSS	D_Dharmu	9/5/2025, 1:34 AM
<a href="#">Edit</a>   <a href="#">Del</a>	street_case	street_case	D_Dharmu	9/5/2025, 1:35 AM

## Creation of Report Types

Setup

Home

Object Manager

Search Setup

Star

Plus

Home

Help

Settings

Notifications

User

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

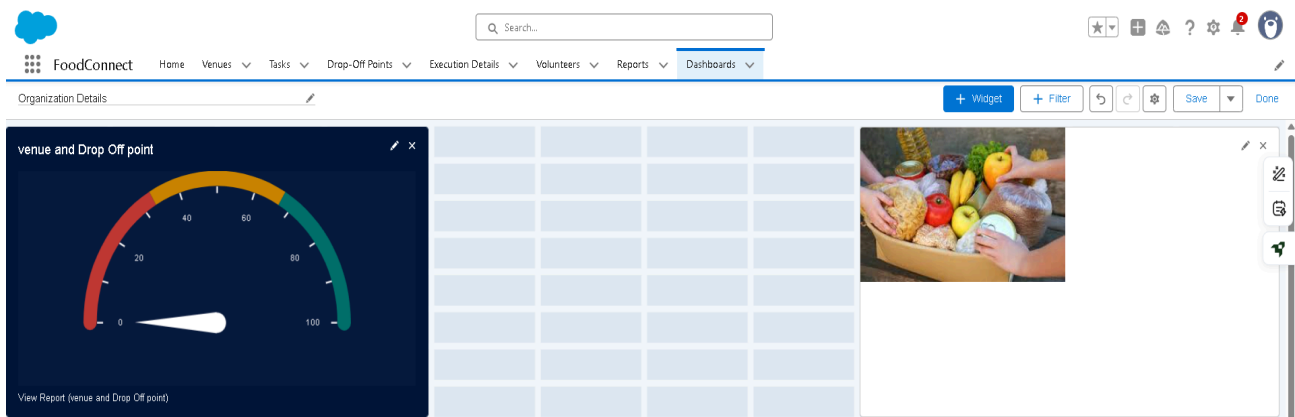
Search recent reports...

New Report

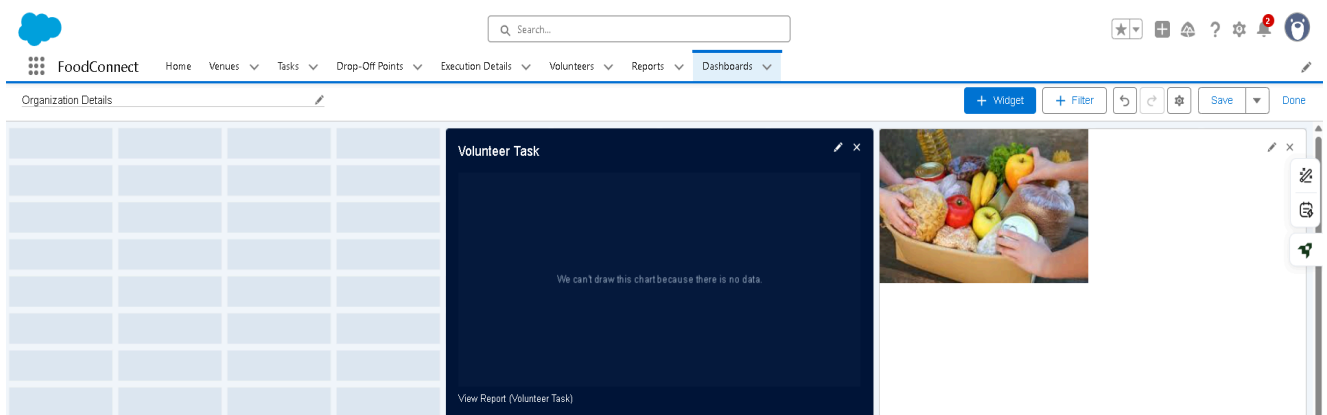
New Folder

Settings

## Adding venue and Drop Off point,Report to the Dashboard



## Adding Volunteer Task Report to the Dashboard

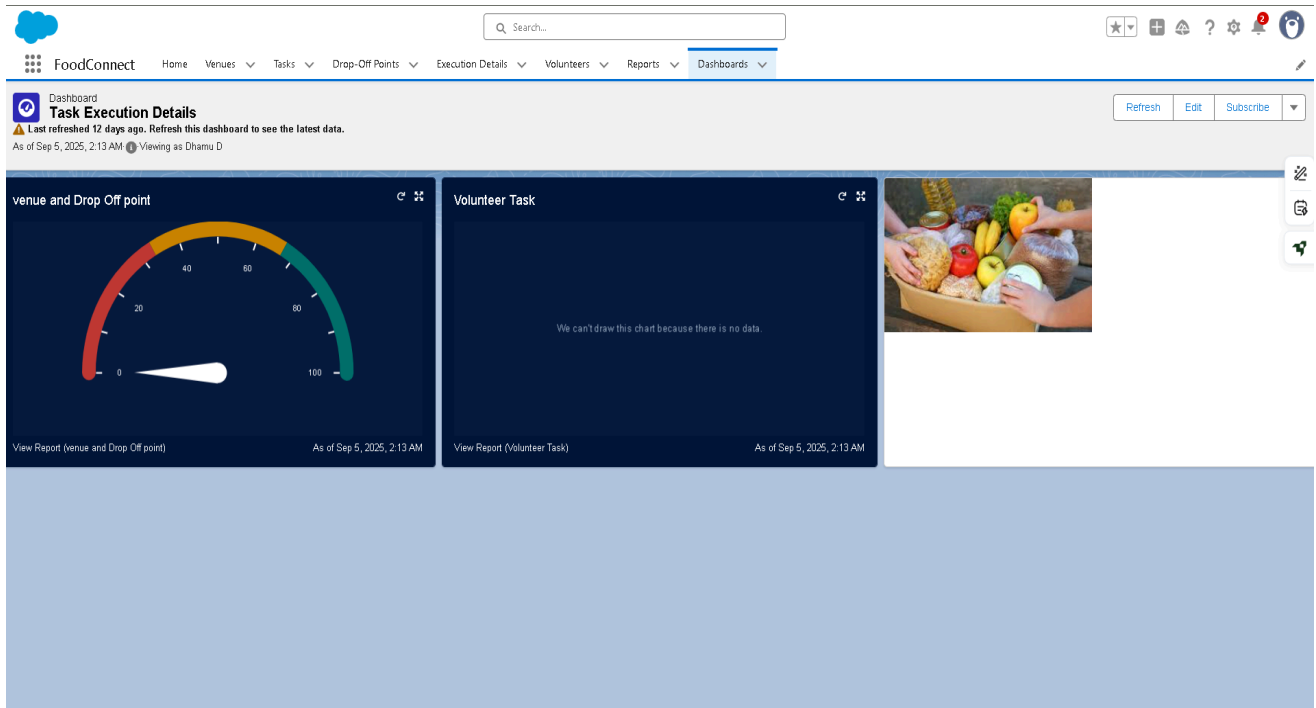


## Creation of sharing rules

The screenshot shows the FoodConnect Setup page, specifically the "Sharing Settings" section. The left sidebar contains a search bar with "sha" and a list of navigation items: Security, Guest User Sharing Rule Access Report, and Sharing Settings. The main content area is titled "Sharing Settings" and contains several sections for creating sharing rules. Each section has 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
<a href="#">Edit</a>   <a href="#">Del</a>	Drop-Off Point: Distance LESS THAN 15	Group: Iksha	Read Only
<a href="#">Edit</a>   <a href="#">Del</a>	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)	Group: NSS	Read Only
<a href="#">Edit</a>   <a href="#">Del</a>	(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.