

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: NM2025TMID22160

TEAM MEMBERS ARE:

Team Leader Name: MOHAMMED AMEER A

Email: mohammedameer7ami@gmail.com

Team Member: MOHAMMED SHIHAB A H

Email: mohammedshihab9677@gmail.com

Team Member: MOHAMMED RIFA M

Email: rifafarook26@gmail.com

Team Member: MOHAMMED ATHEEL

Email: mohammedatheel6@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.

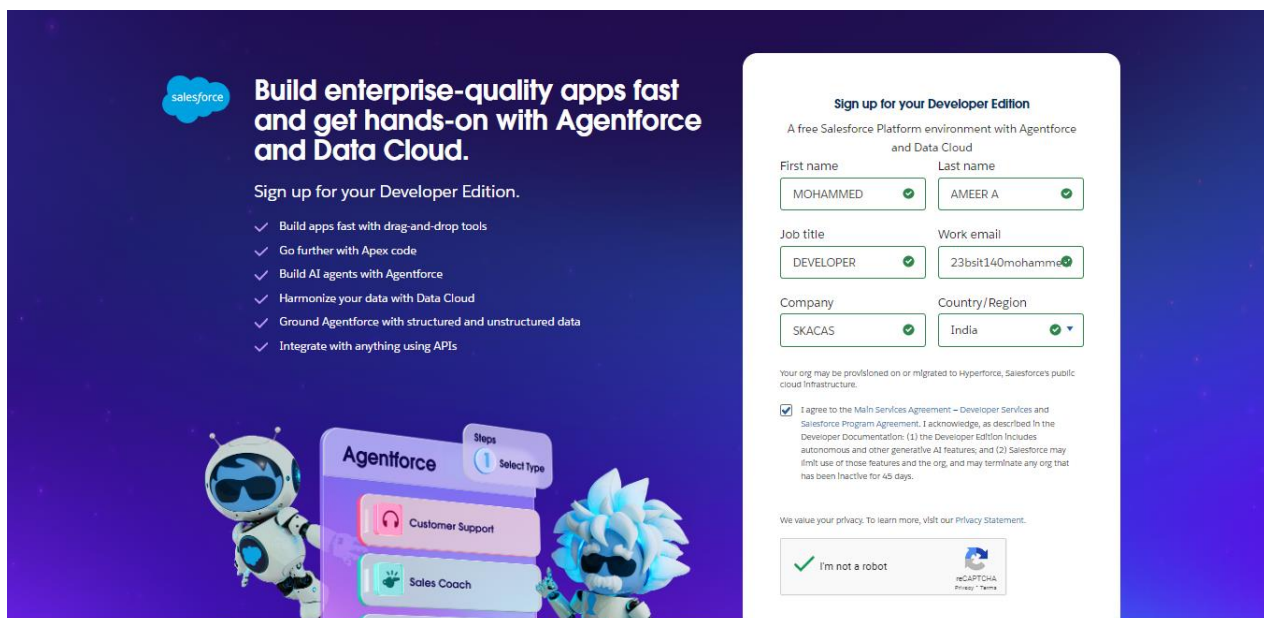
Create awareness about food donation.

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 screenshot shows the Salesforce Developer Edition sign-up page. On the left, there's a promotional banner with the Salesforce logo and 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", and "Ground Agentforce with structured and unstructured data". At the bottom of the banner are two cartoon robot characters and a "Steps" bar with "1 Select Type" highlighted. On the right, the sign-up form is displayed. It has a title "Sign up for your Developer Edition" and a subtitle "A free Salesforce Platform environment with Agentforce and Data Cloud". The form fields are: "First name" (MOHAMMED), "Last name" (AMEER A), "Job title" (DEVELOPER), "Work email" (23bsit140mohamme@), "Company" (SKACAS), and "Country/Region" (India). Below the fields, there's a checkbox for the "Main Services Agreement" and a "We value your privacy" link. At the bottom, there's a "I'm not a robot" checkbox and a reCAPTCHA logo.

Sign up for your Developer Edition
A free Salesforce Platform environment with Agentforce and Data Cloud

First name: MOHAMMED ✓ Last name: AMEER A ✓


Job title: DEVELOPER ✓ Work email: 23bsit140mohamme@ ✓

Company: SKACAS ✓ Country/Region: India ✓

Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure.

☒ 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.

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

☒ I'm not a robot 

Created objects:

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

Task Simulation Details | Search | Venue | Salesforce | Developer Edition with Agentforce

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

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.

Task Simulation Details | Search | Drop-Off Point | Salesforce | Developer Edition with Agentforce

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

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.

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

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

Activate Windows
Go to Settings to activate Windows.

Task Execution Details | Search | Volunteer | Salesforce | Developer Edition with Agent |

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

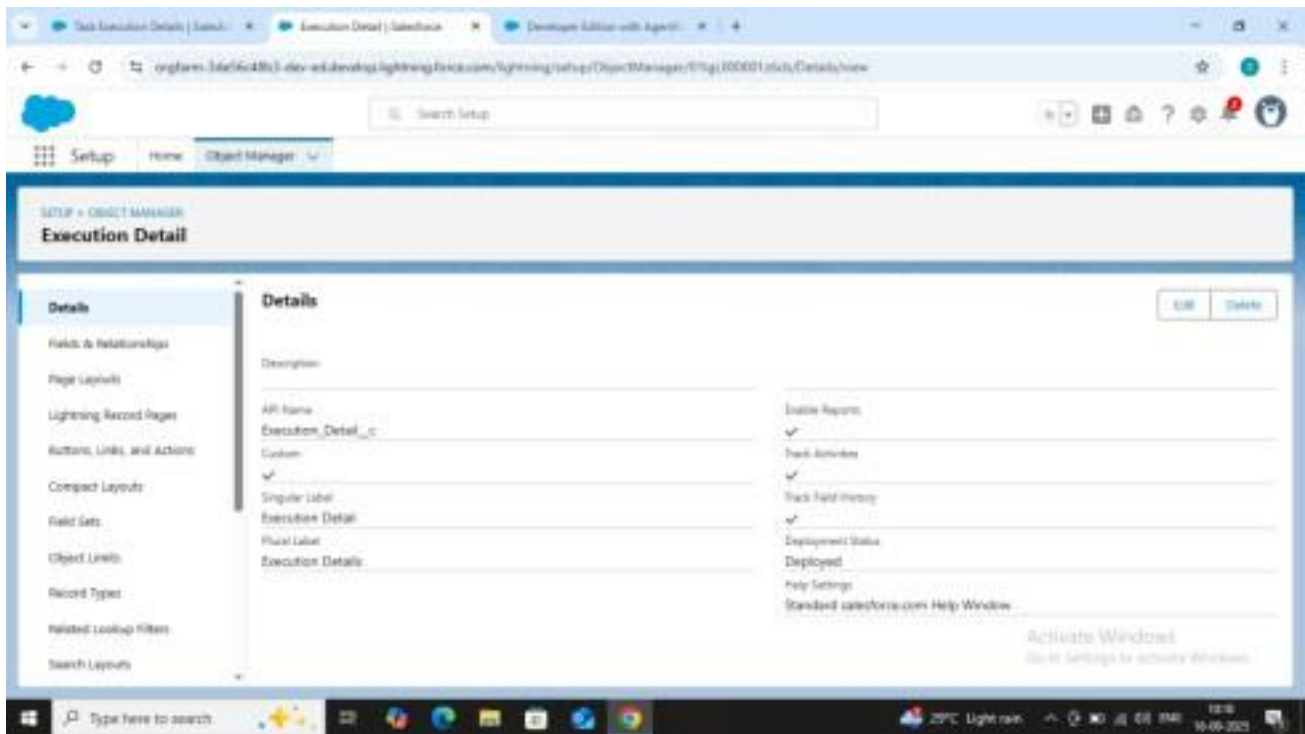
Track Field History

Deployment Status: Deployed

Help Settings

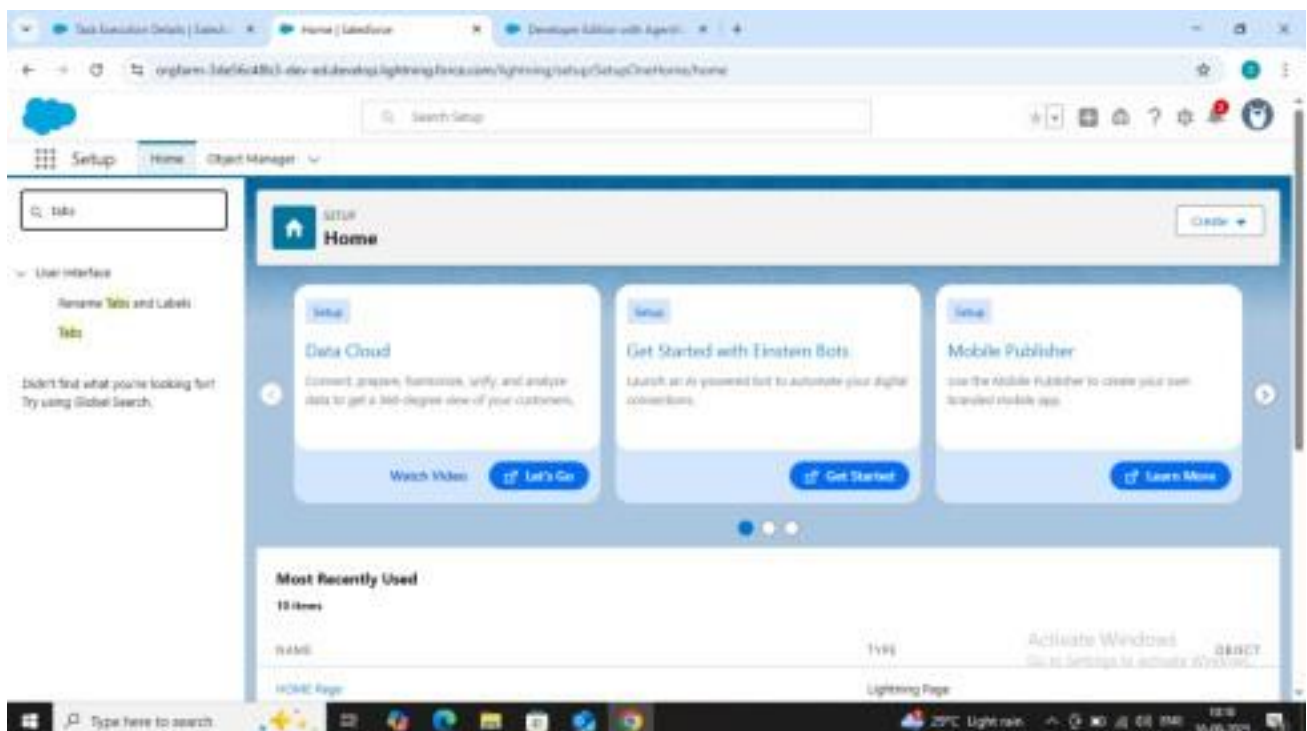
Standard: salesforce.com Help Window

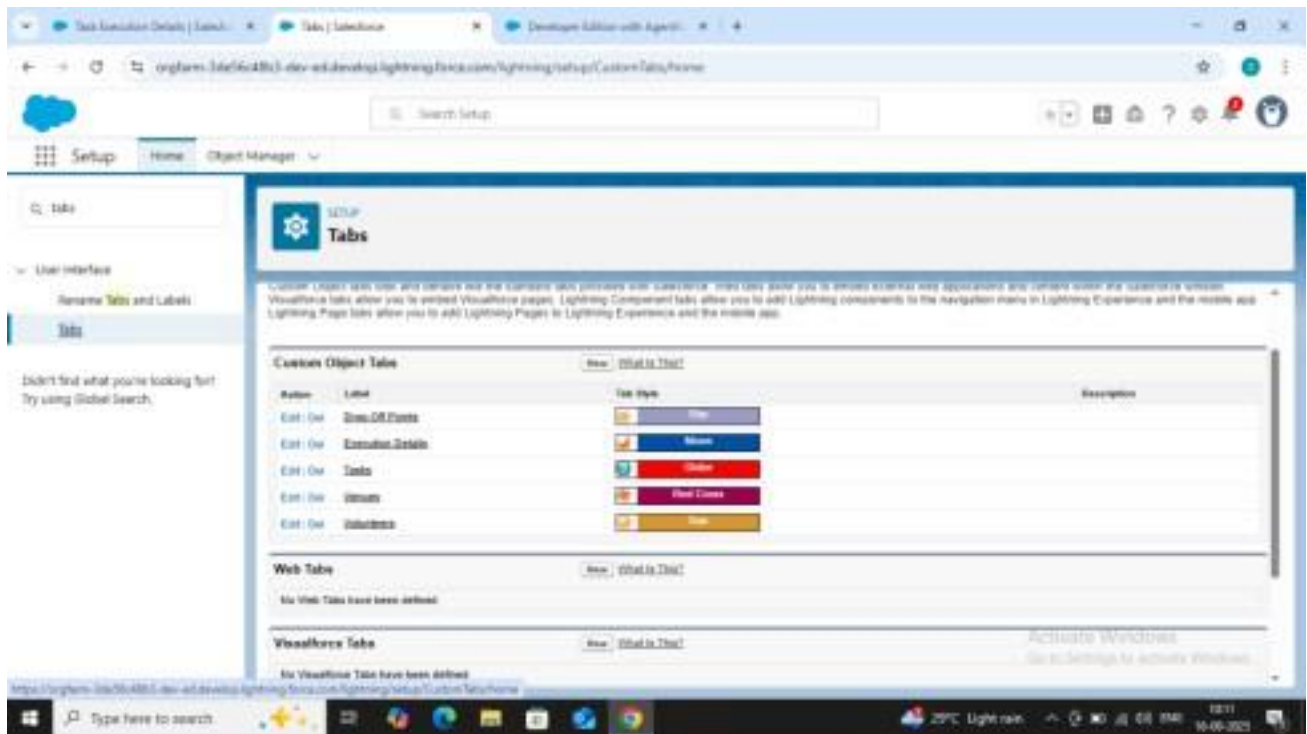
Activate Windows
Go to Settings to activate Windows.



Created tab:

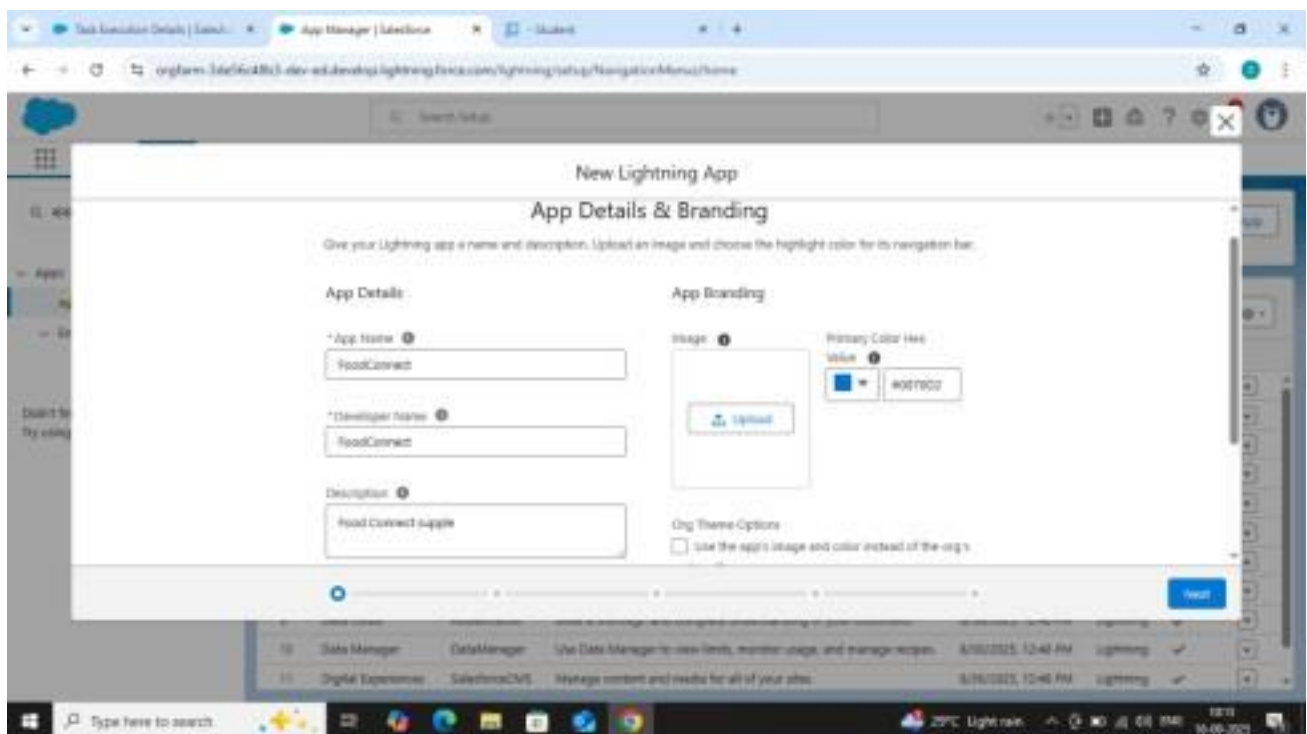
- Venue
- Drop-Off Point
- Task
- Volunteer
- Execution Detail

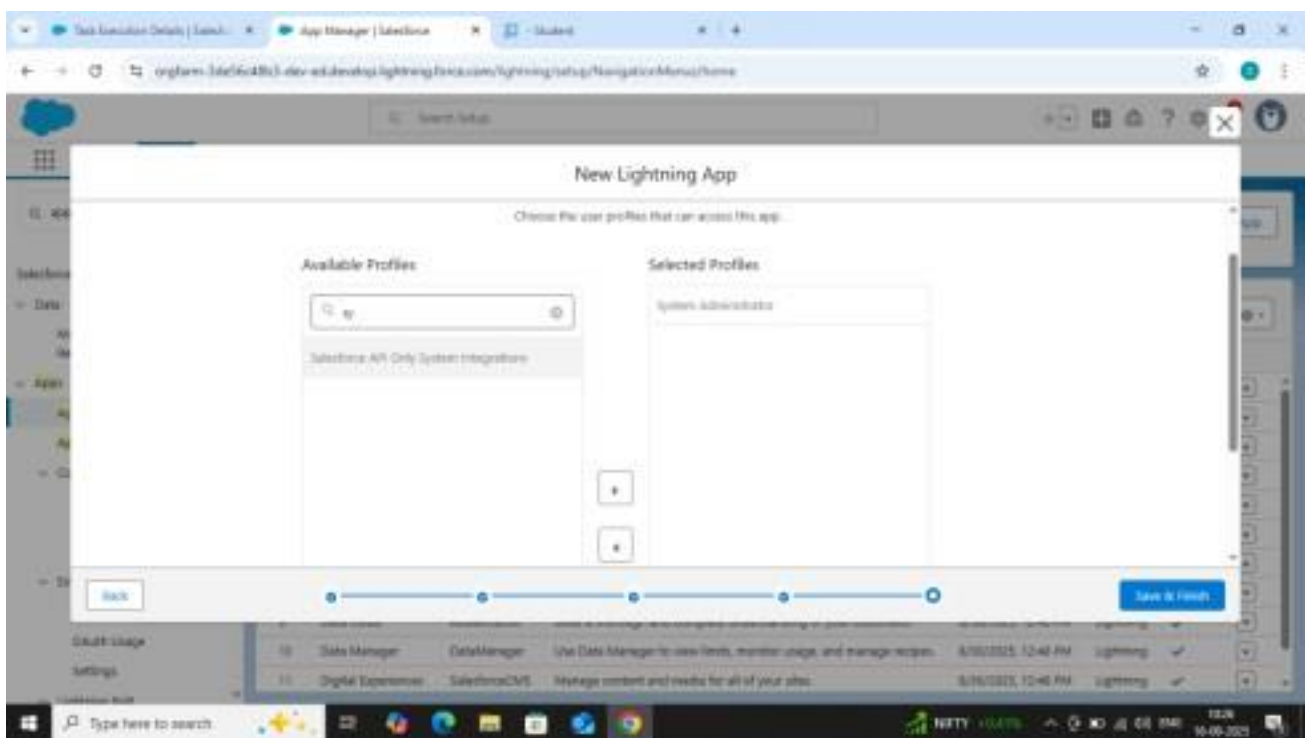
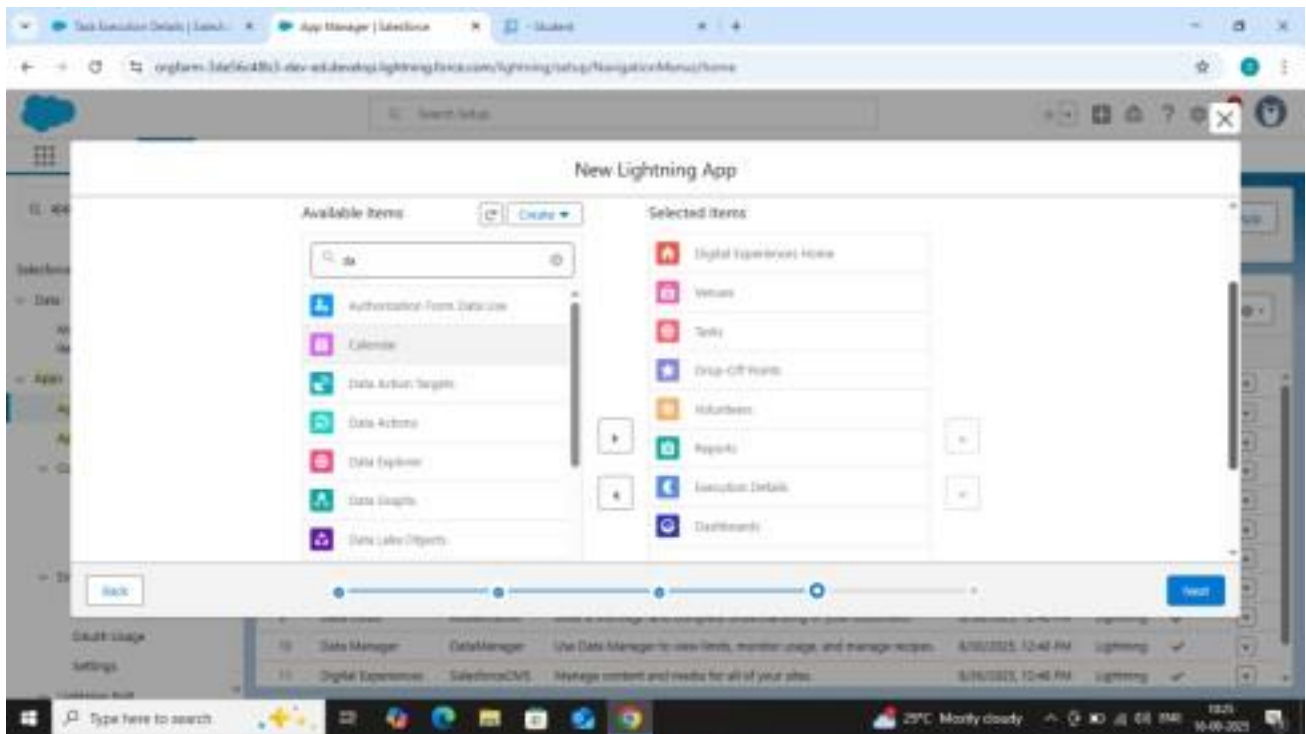




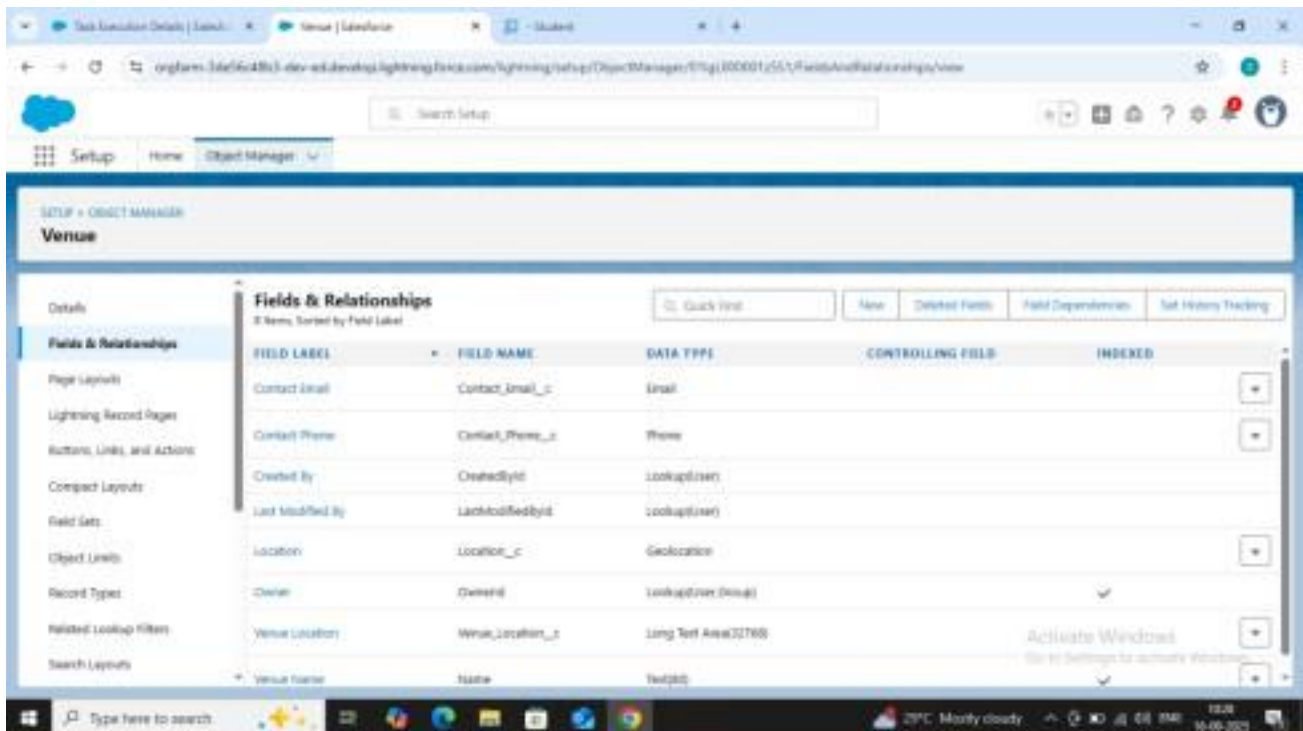
Created lightning app:

App Name : FoodConnect

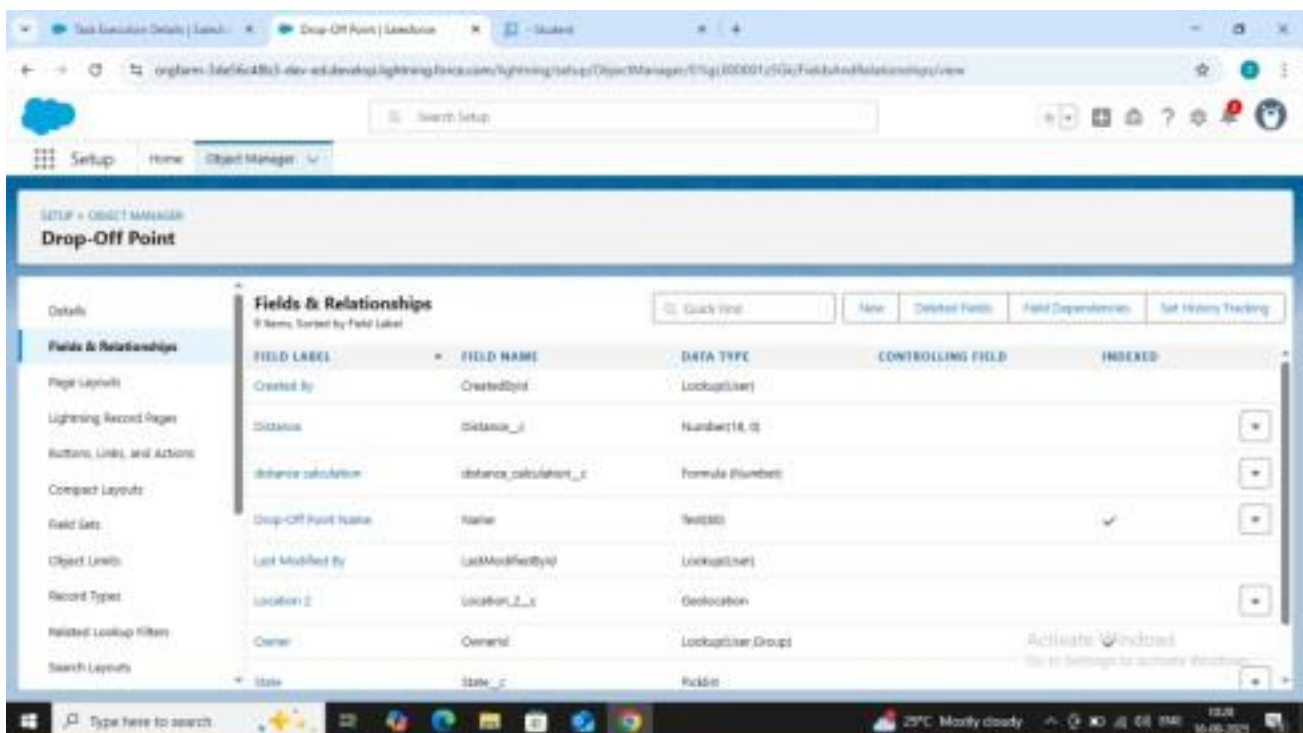




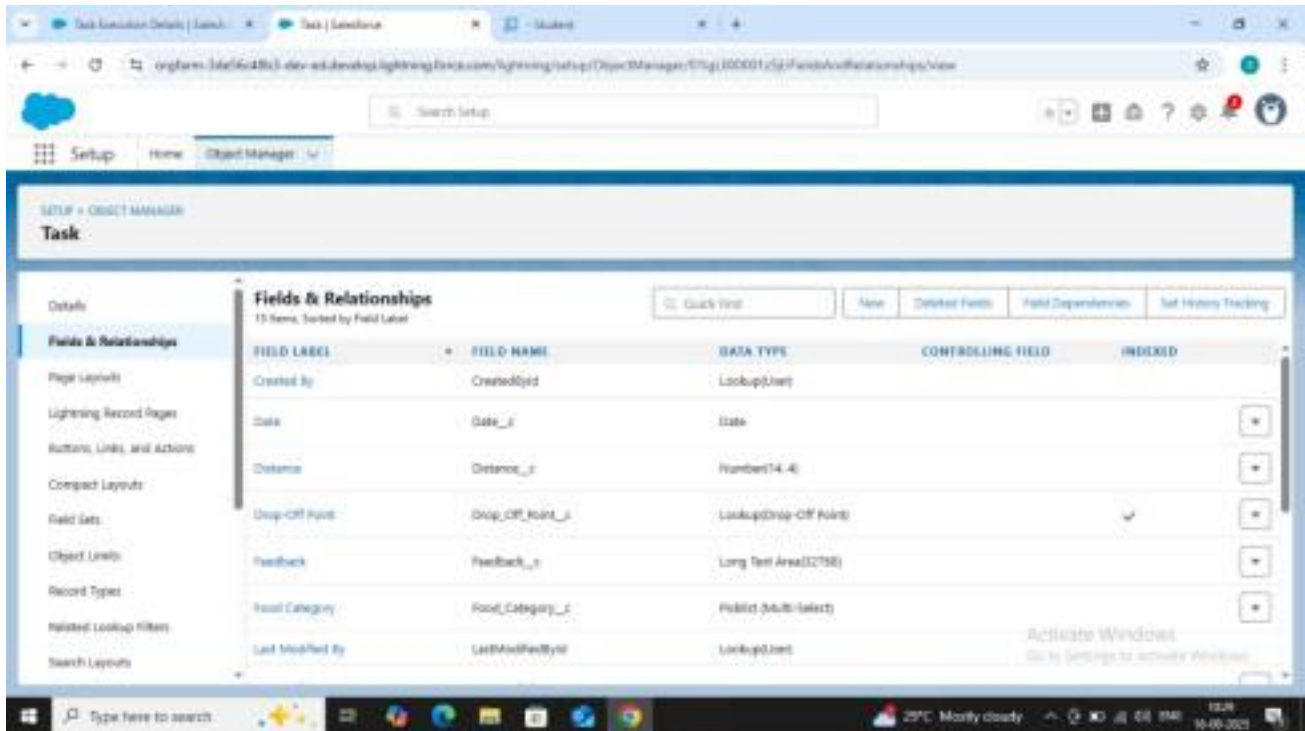
Creation of fields for the Venue object



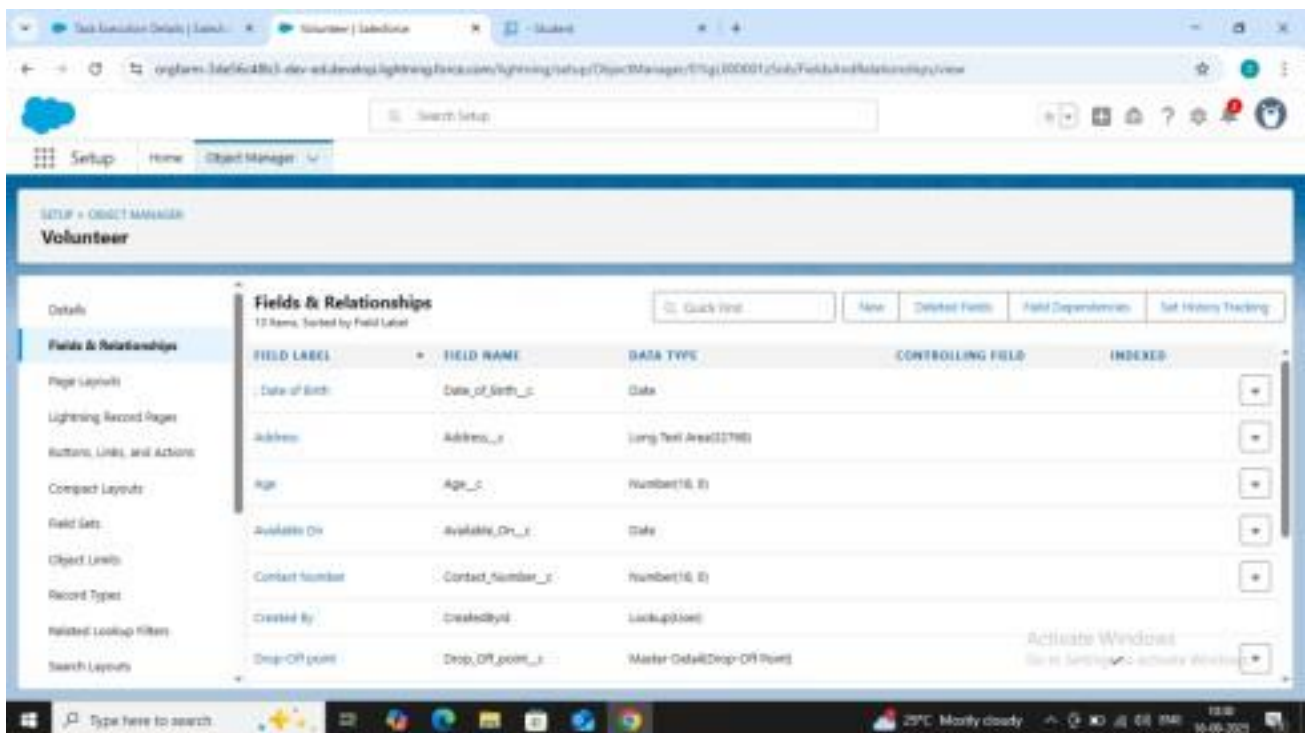
Creation of fields for the Drop-Off point object



Creation of fields for the Task object



Creation of fields for the Volunteer object



Creation of fields for the Execution Details object

Setup Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Execution Detail

Details

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) | | ✓ |

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

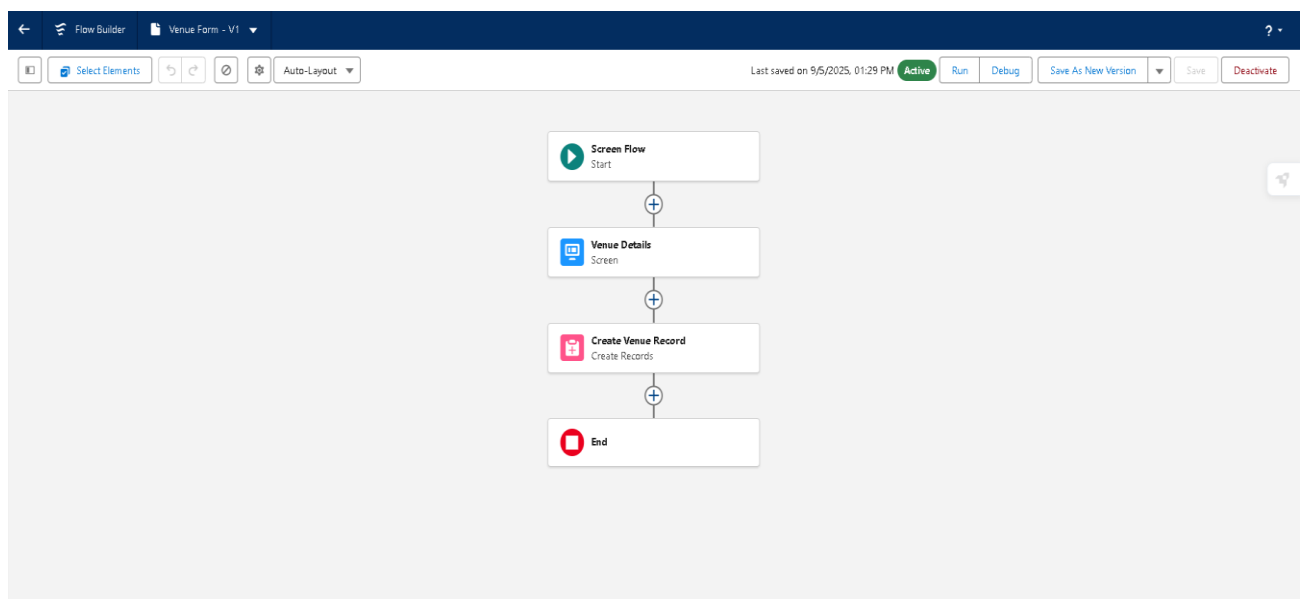
List View Button Layout

Restriction Rules

Scoping Rules

Object Access

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.

SETUP Profiles

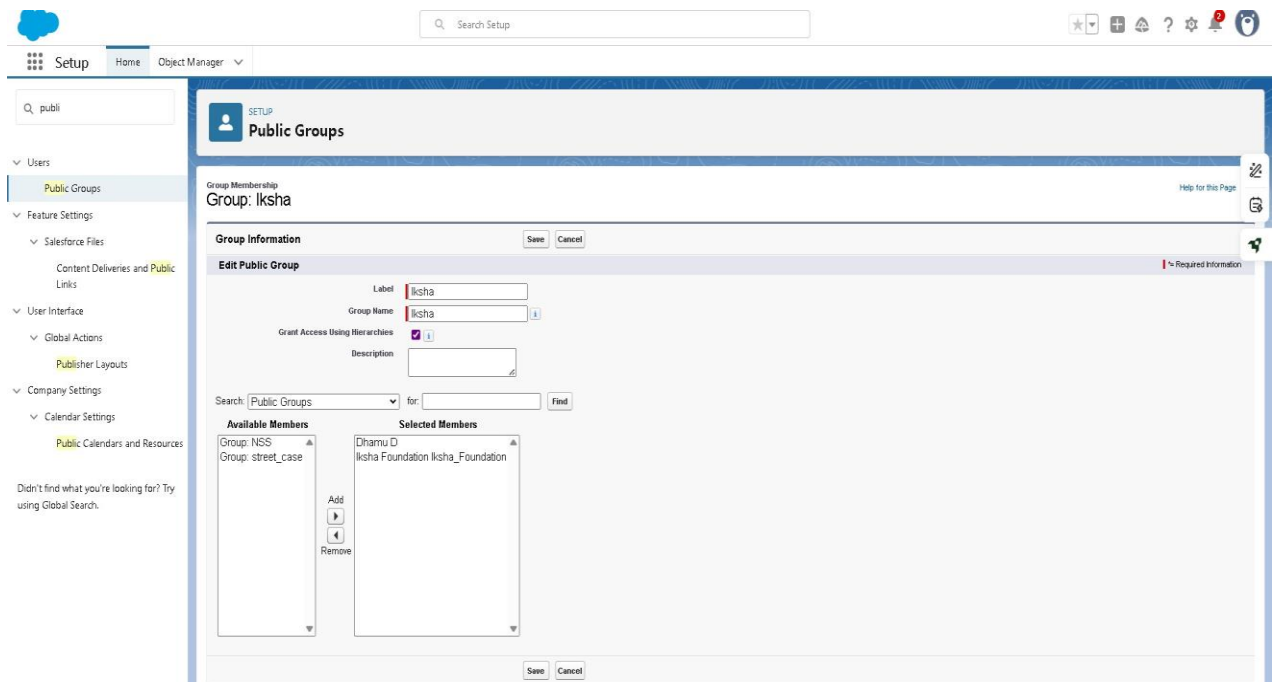
Profiles

All Profiles Edit Delete Create New View

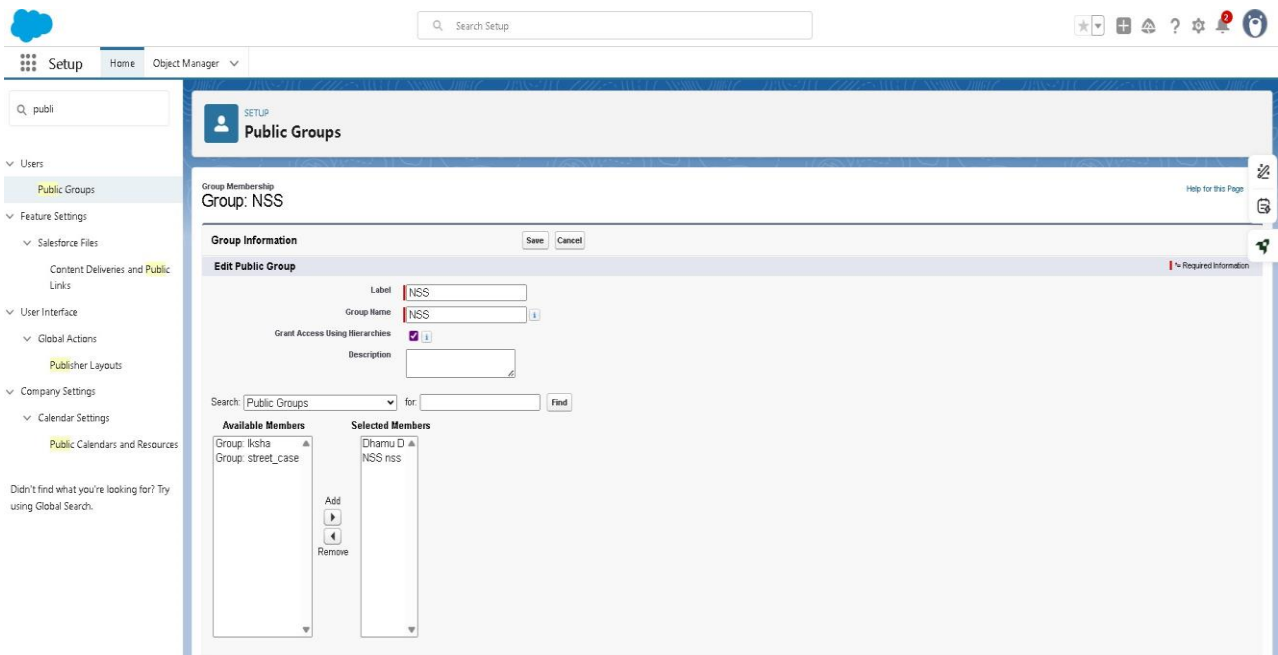
New Profile

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

Users

Public Groups

Feature Settings

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.

SETUP

Public Groups

Group Membership

Group: street_case

Group Information

Save

Cancel

Help for this Page

Edit Public Group

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

Dhamu D

street_case

street

Creation of Public Groups

Setup

Home

Object Manager

Search Setup

publi

Users

Public Groups

Feature Settings

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.

SETUP

Public Groups

Public Groups

Help for this Page

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_Dhamu | 9/5/2025, 1:33 AM |
| Edit Del | NSS | NSS | D_Dhamu | 9/5/2025, 1:34 AM |
| Edit Del | street_case | street_case | D_Dhamu | 9/5/2025, 1:35 AM |

Creation of Report Types

Setup

Home

Object Manager

Search Setup

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...

Reports

Recent

3 items

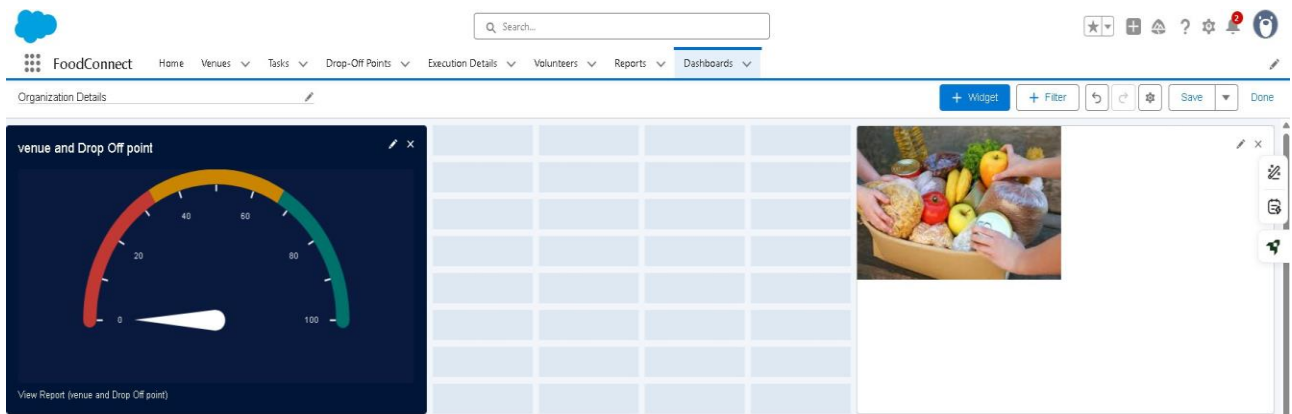
Search recent reports...

New Report

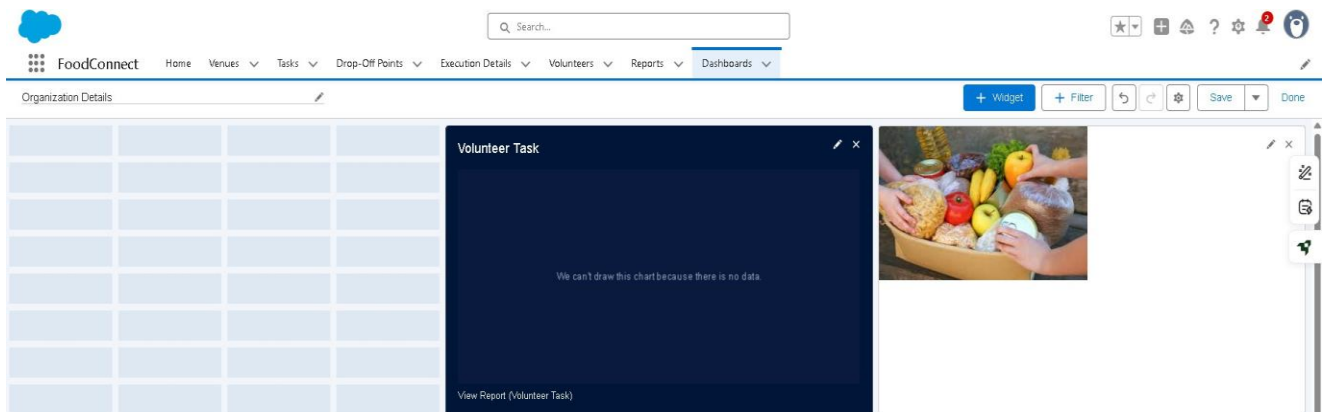
New Folder

| 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

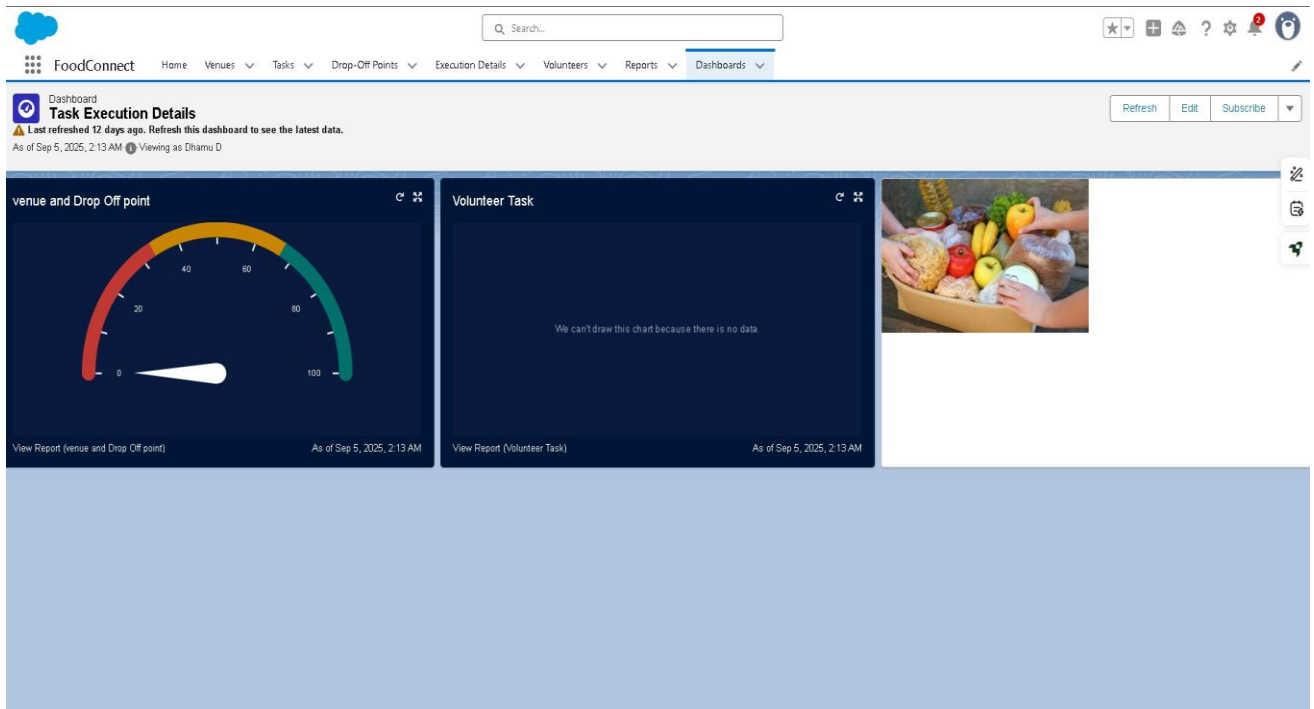


Creation of sharing rules

The screenshot shows the FoodConnect Setup page, specifically the 'Sharing Settings' section. The left sidebar has a search bar and a list of items: Security, Guest User Sharing Rule Access Report, and Sharing Settings (which is highlighted). 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 sections are: Work Plan Template Sharing Rules, Work Step Template Sharing Rules, Work Type Sharing Rules, Work Type Group Sharing Rules, Drop-Off Point Sharing Rules, Task Sharing Rules, and Venue Sharing Rules. 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_care | 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.