

# PROJECT TITLE:

## To Supply Leftover Food to Poor

College Name: SRI VASAVI COLLEGE (SELF FINANCE WING)

ERODE-638316.

College Code: bru17

TEAM ID: NM2025TMID23357

### TEAM MEMBERS ARE:

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Team Member: DEVAGURU S

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Team Member: ROOBAN P

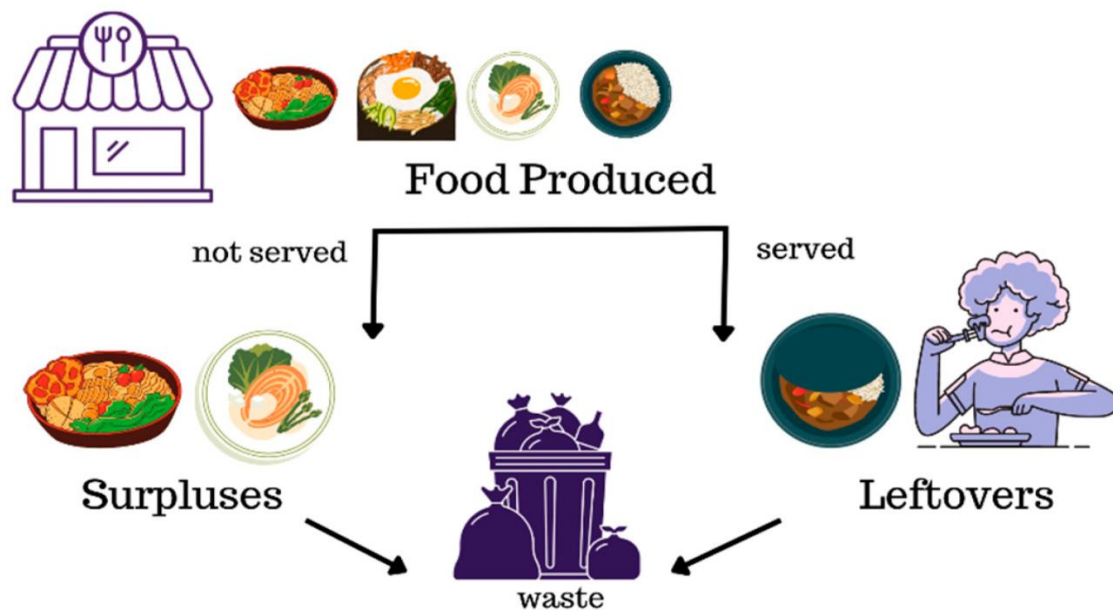
Email: ruban8564@gmail.com

Team Member: NIVETHA

Email: nivethatamilselvi006@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>

Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud.

Sign up for your Developer Edition.

- ✓ 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
- ✓ Integrate with anything using APIs

**Sign up for your Developer Edition**

A free Salesforce Platform environment with Agentforce and Data Cloud

First name: ROHITH ✓ Last name: BG ✓

Job title: developer ✓ Work email: rohithbalasubramani ✓

Company: Sri Vasavi Collage (SF) ✓ 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.

## Created objects:

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

orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gK0000024ylz/Details/view

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

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

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

Type here to search

09:52 PM  
07-09-2025

orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gK0000024yin/Details/view

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

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

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

Type here to search

09:55 PM  
07-09-2025

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

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

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

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

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

Details

Description

API Name  
Volunteer\_\_c

Custom  
✓

Singular Label  
Volunteer

Plural Label  
Volunteers

Enable Reports  
✓

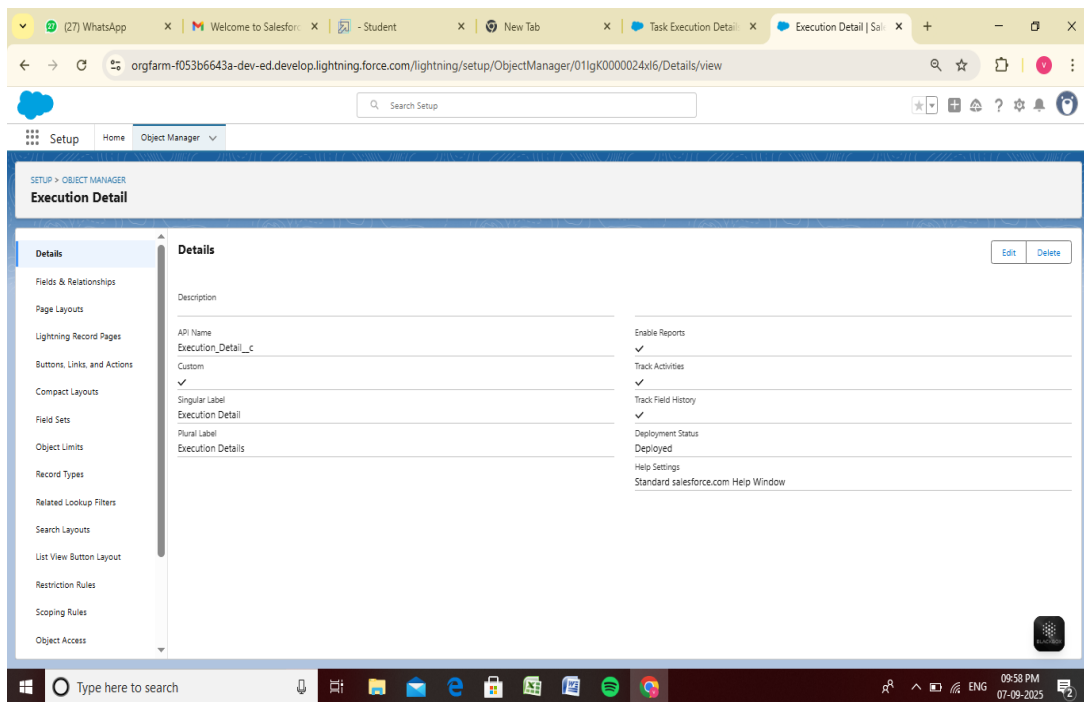
Track Activities  
✓

Track Field History  
✓

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Edit Delete



## Created tab:

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

orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/setup/SetupOneHome/home

Setup Home

Feature Settings

- Analytics
  - Tableau
    - Tableau Embedding
    - Tableau UAF Claims Definition
- User Interface
  - Console Settings
    - Loaded Console Tab Limit
    - Rename Tabs and Labels
    - Tabs

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

Most Recently Used

10 Items

NAME	TYPE	OBJECT
HOME Page	Lightning Page	
Volunteers with Execution Details and Tasks	Custom Report Type	
Volunteer	Custom Field Definition	Execution Detail
Execution Detail	Custom Field Definition	

orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home

Setup Tabs

Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app.

Custom Object Tabs

Action	Label	Tab Style	Description
Edit   Del	Drop-Off Points	Car	
Edit   Del	Execution Details	Box	
Edit   Del	Tasks	Books	
Edit   Del	Volunteers	Building	
Edit   Del	Volunteers	Castle	

Web Tabs

No Web Tabs have been defined

Visualforce Tabs

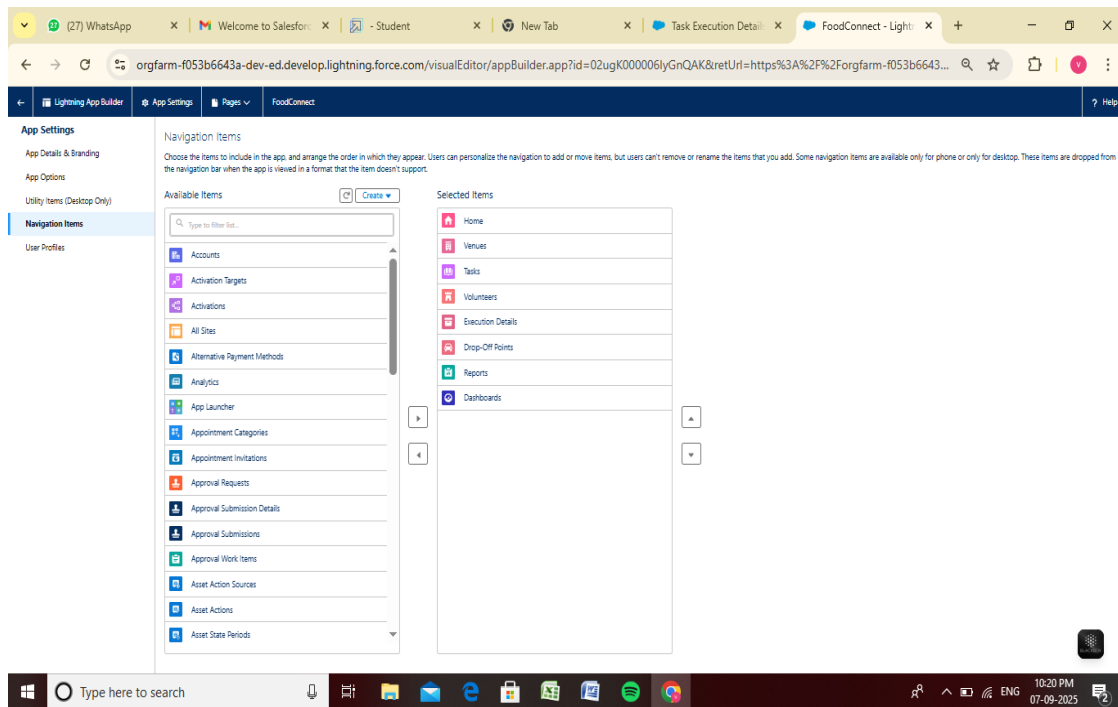
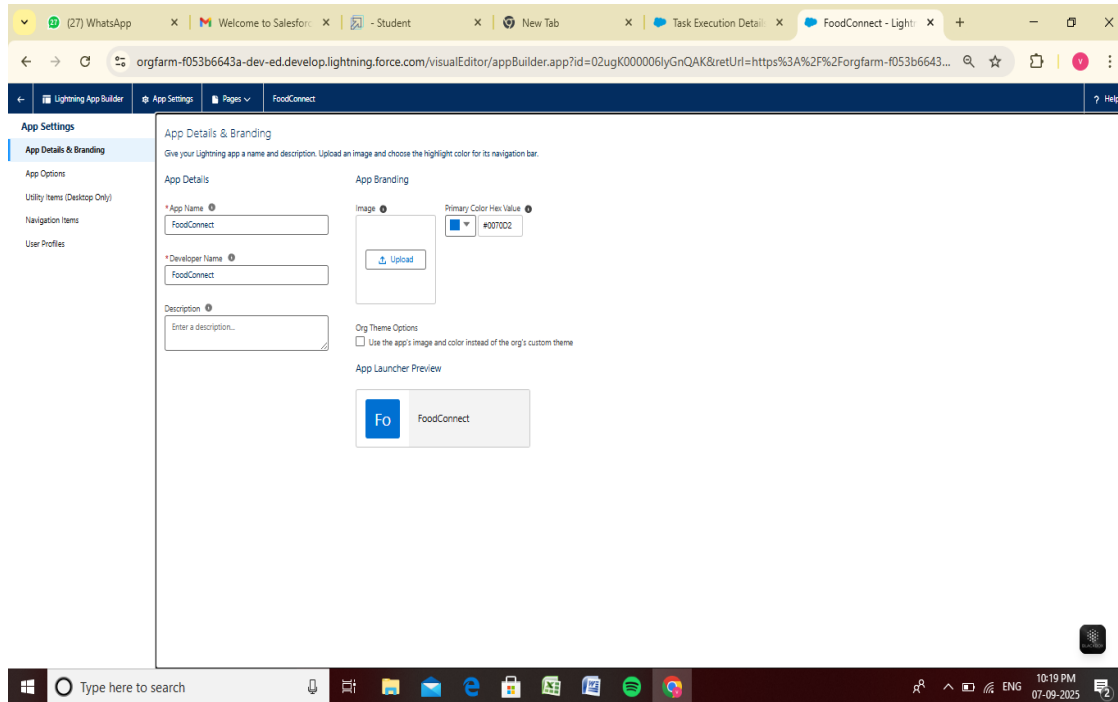
No Visualforce Tabs have been defined

Lightning Component Tabs

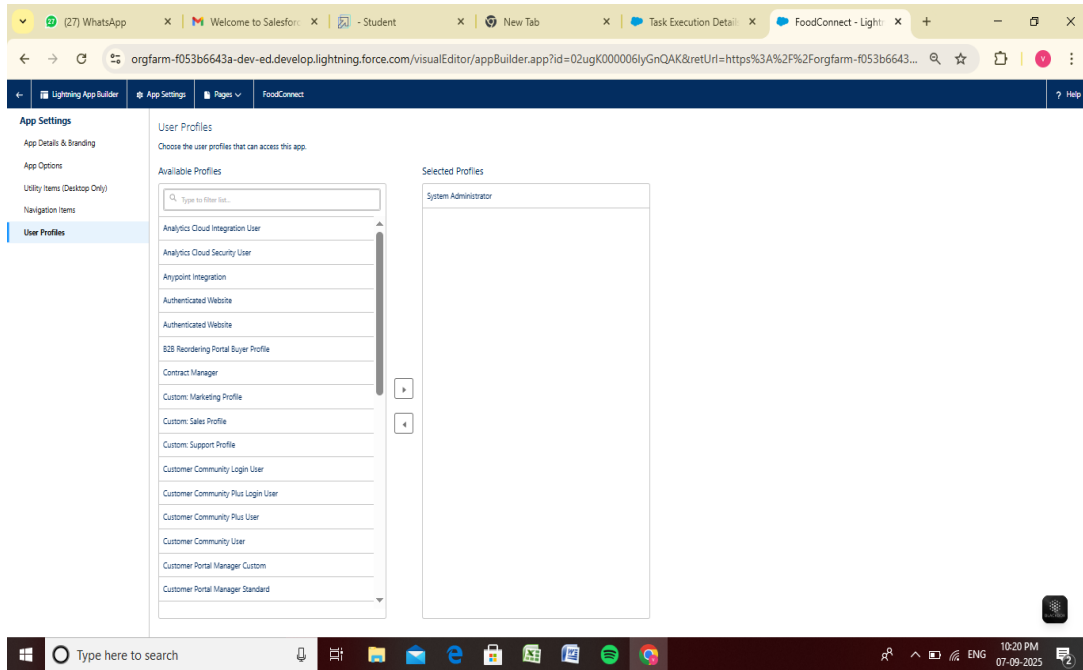
No Lightning Component Tabs have been defined

Created lightning app:

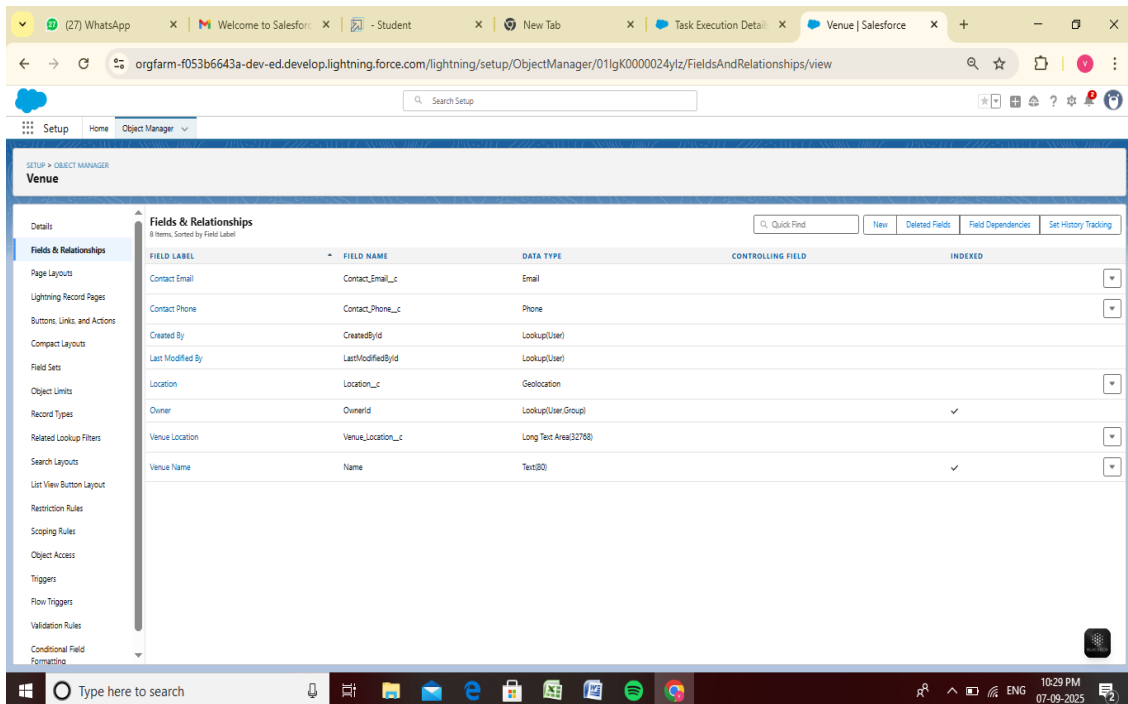
App Name : FoodConnect



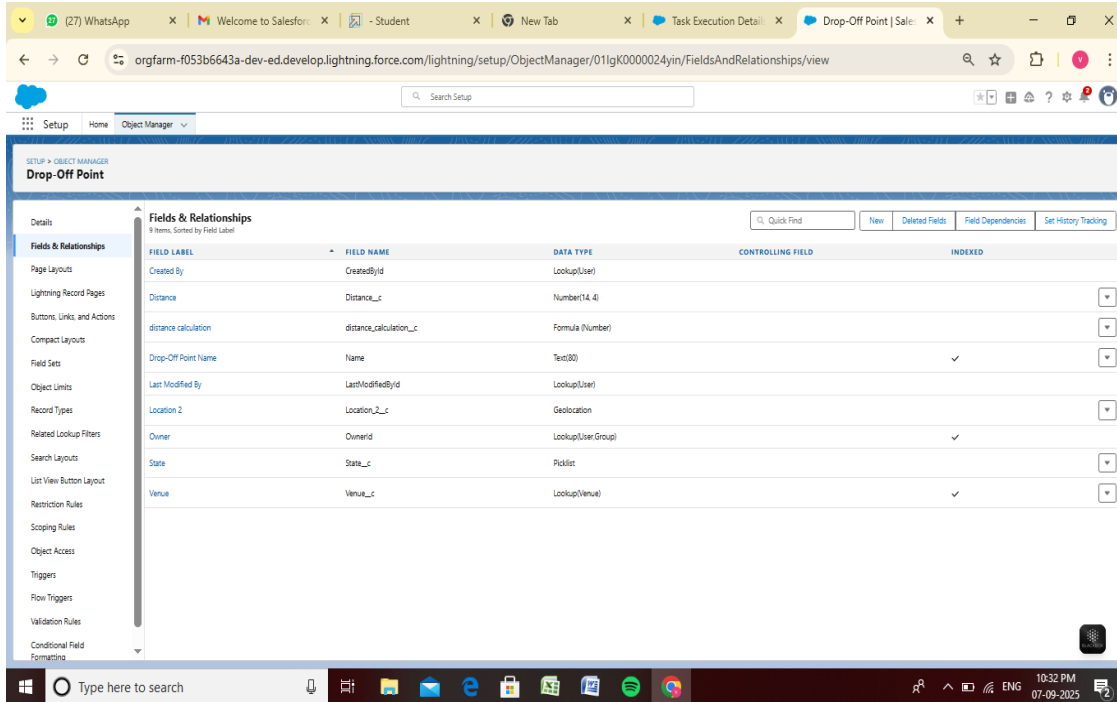




## Creation of fields for the Venue object



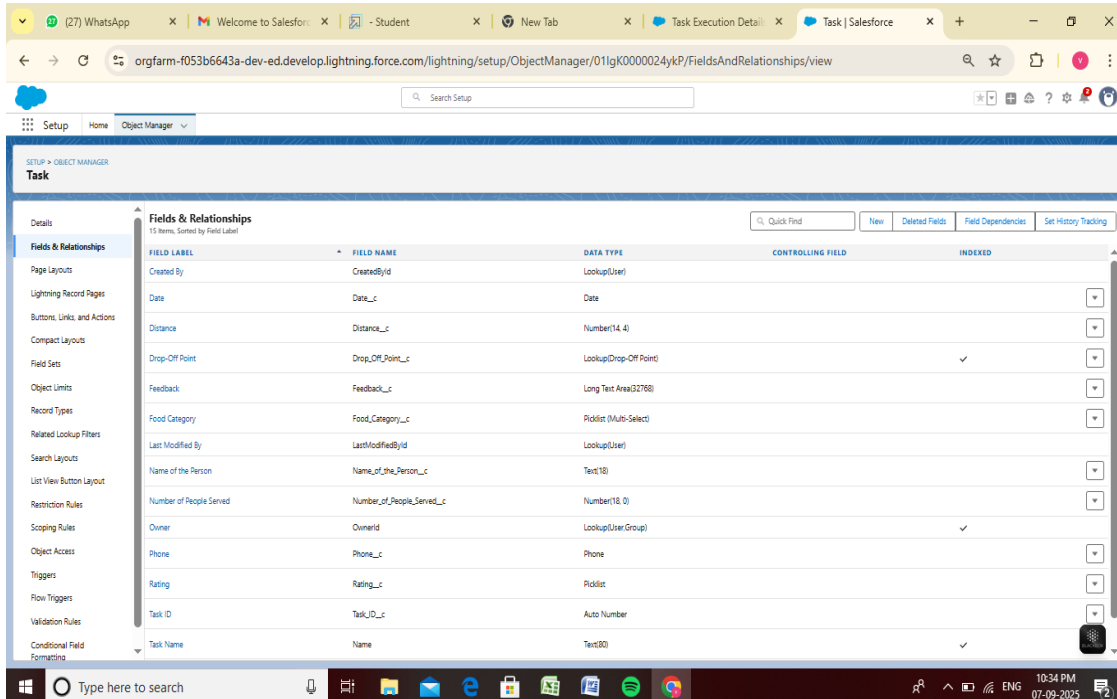
## Creation of fields for the Drop-Off point object



The screenshot shows the Salesforce Setup interface for the 'Drop-Off Point' object. The 'Fields & Relationships' tab is selected, displaying a table of fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	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	LastModifiedBy	Lookup(User)		
Location 2	Location_2_c	Geolocation		
Owner	OwnerId	Lookup(User Group)		✓
State	State_c	Picklist		
Venue	Venue_c	Lookup(Venue)		✓

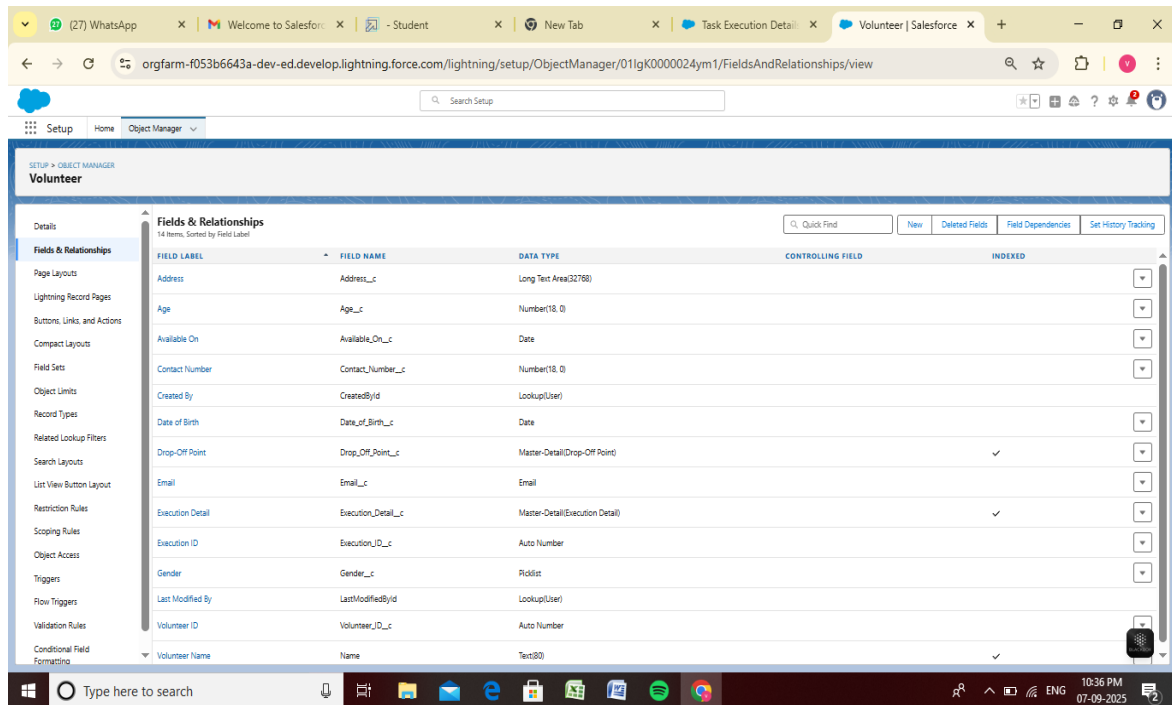
## Creation of fields for the Task object



The screenshot shows the Salesforce Setup interface for the 'Task' object. The 'Fields & Relationships' tab is selected, displaying a table of fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	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	LastModifiedBy	Lookup(User)		
Name of the Person	Name_of_the_Person_c	Text(18)		
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)		✓

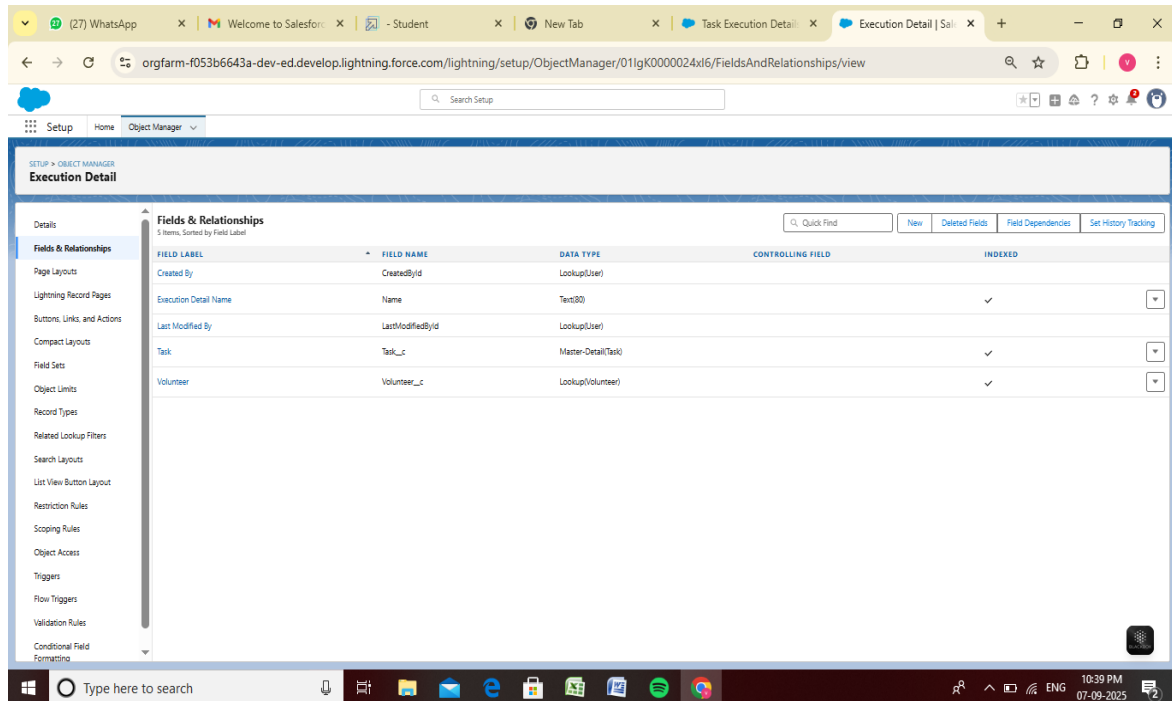
## Creation of fields for the Volunteer object



The screenshot shows the Salesforce Setup interface for the 'Volunteer' object. The 'Fields & Relationships' section is active, displaying a list of 14 fields. The fields are sorted by Field Label. The table below lists the fields and their properties.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address_c	Long Text Area(32768)		
Age	Age_c	Number(18, 0)		
Available On	Available_On_c	Date		
Contact Number	Contact_Number_c	Number(18, 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 Detail	Execution_Detail_c	Master-Detail(Execution Detail)		✓
Execution ID	Execution_ID_c	Auto Number		
Gender	Gender_c	Picklist		
Last Modified By	LastModifiedBy	Lookup(User)		
Volunteer ID	Volunteer_ID_c	Auto Number		
Volunteer Name	Name	Text(80)		✓

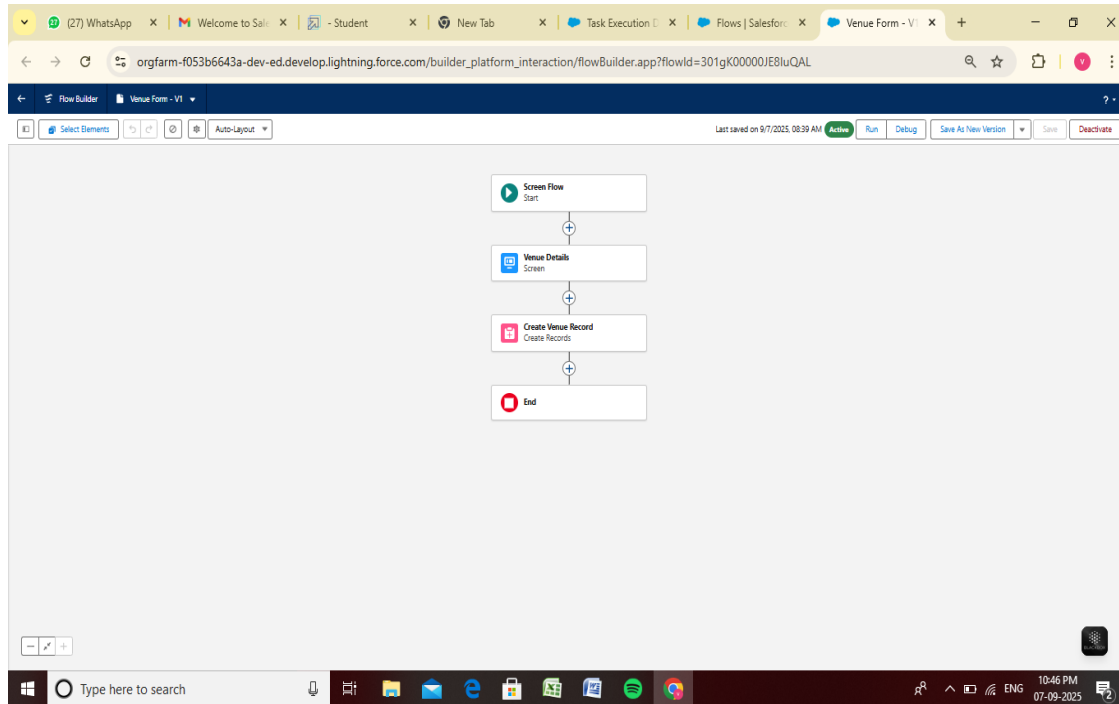
## Creation of fields for the Execution Details object



The screenshot shows the Salesforce Setup interface for the 'Execution Detail' object. The 'Fields & Relationships' section is active, displaying a list of 5 fields. The fields are sorted by Field Label. The table below lists the fields and their properties.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Execution Detail Name	Name	Text(80)		✓
Last Modified By	LastModifiedBy	Lookup(User)		
Task	Task_c	Master-Detail(Task)		✓
Volunteer	Volunteer_c	Lookup(Volunteer)		✓

## Create Flow to create a record in Venue object



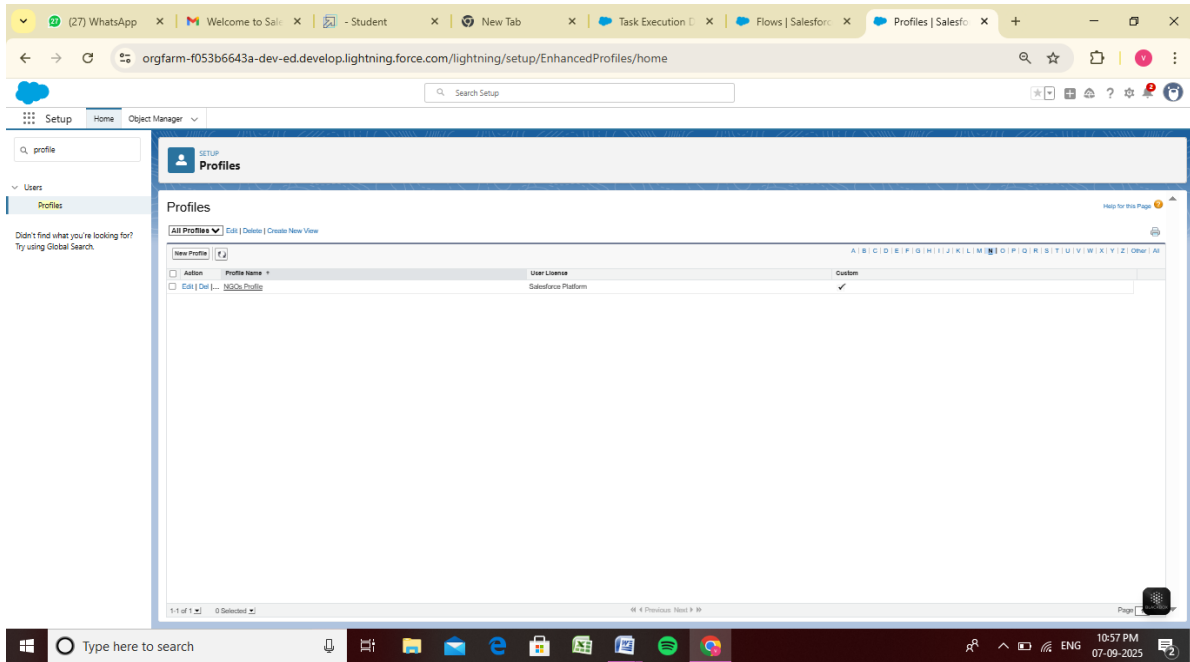
## Create a DropOffTrigger

The screenshot shows the Salesforce Developer Console with the Apex code for a DropOffTrigger. The code is as follows:

```
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__c;  
6  
7     }  
8  
9 }
```

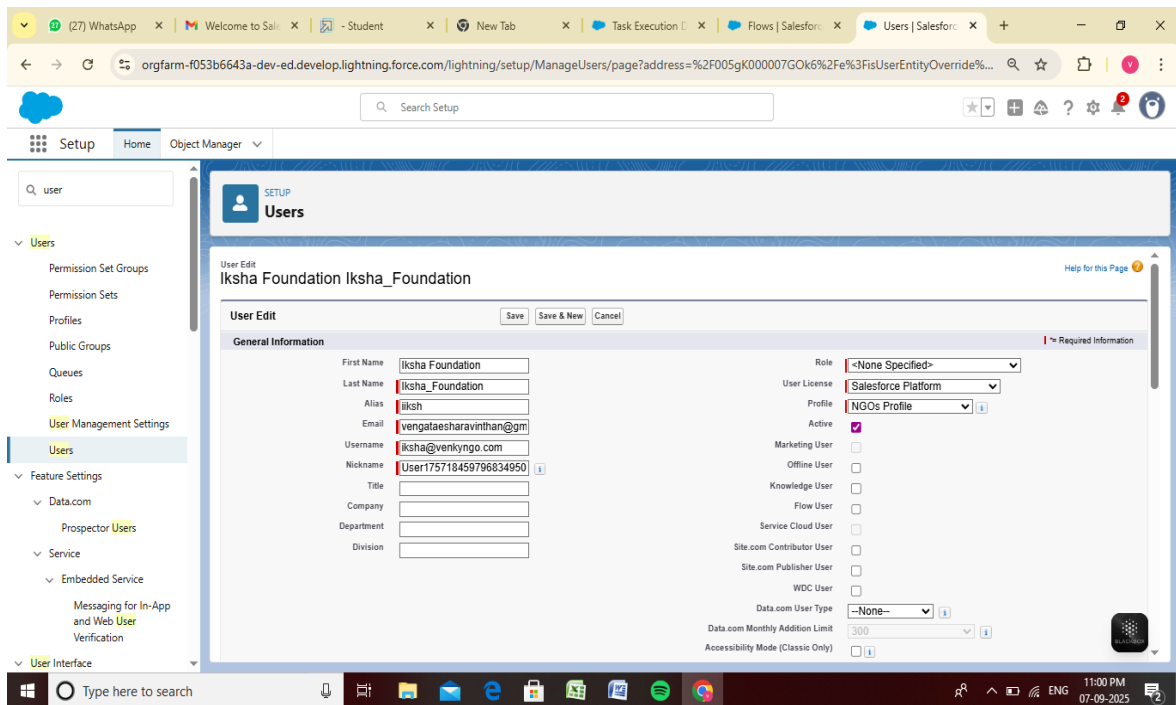
The console also shows the "Problems" tab, which is currently empty. The interface includes a toolbar with "File", "Edit", "Debug", "Test", "Workspace", and "Help" buttons.

## Create a NGOs Profile



The screenshot shows the Salesforce Setup interface with the 'Profiles' page selected. The left sidebar contains a search bar with 'profile' and a list of navigation items: Users, Profiles, Permission Set Groups, Permission Sets, Public Groups, Queues, Roles, User Management Settings, Users, Feature Settings, Data.com, Prospector Users, Service, Embedded Service, Messaging for In-App and Web User Verification, and User Interface. The main content area displays the 'Profiles' table with columns for 'Profile Name', 'User License', and 'Custom'. A table with 1 row is shown, containing 'NGOs Profile', 'Salesforce Platform', and a checkmark. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

## Creation of User1



The screenshot shows the Salesforce Setup interface with the 'Users' page selected. The left sidebar contains a search bar with 'user' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Users, Feature Settings, Data.com, Prospector Users, Service, Embedded Service, Messaging for In-App and Web User Verification, and User Interface. The main content area displays the 'User Edit' form for 'Iksha Foundation Iksha\_Foundation'. The form includes fields for 'First Name', 'Last Name', 'Alias', 'Email', 'Username', 'Nickname', 'Title', 'Company', 'Department', and 'Division'. The 'Role' is set to '<None Specified>', 'User License' is 'Salesforce Platform', and 'Profile' is 'NGOs Profile'. The 'Active' checkbox is checked. The 'Data.com User Type' is set to '--None--'. The 'Data.com Monthly Addition Limit' is set to 300. The 'Accessibility Mode (Classic Only)' checkbox is unchecked. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

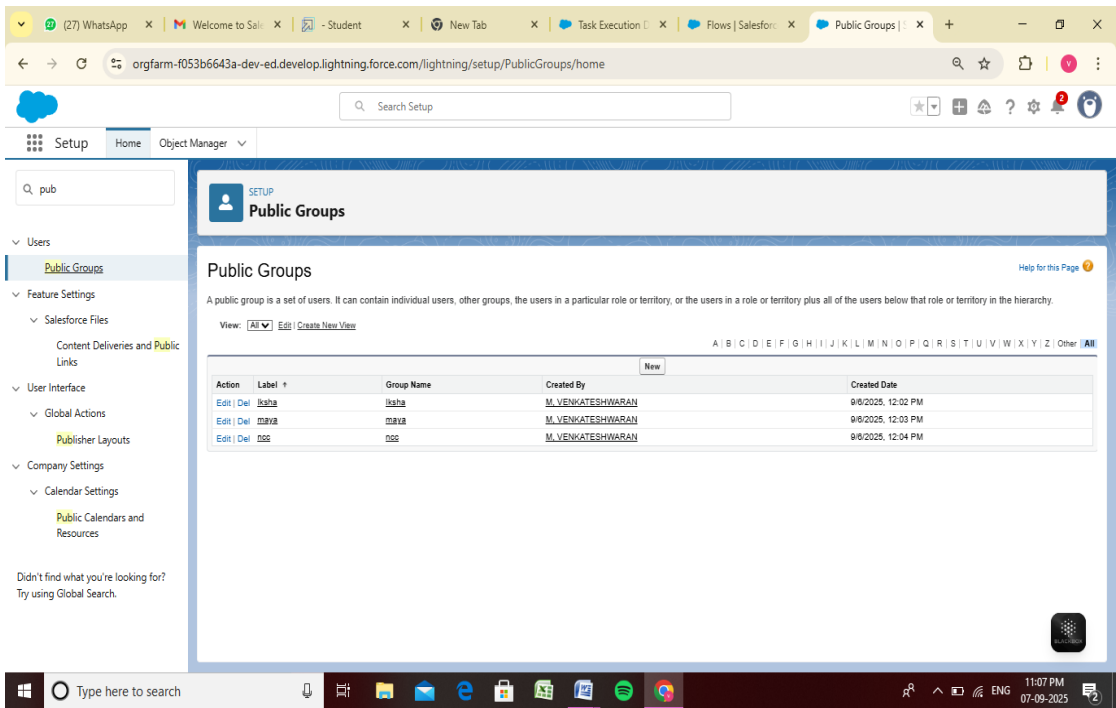
## Creation of User2

The screenshot shows the Salesforce Setup page for User Management. The left sidebar contains a search bar with 'user' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Users, Feature Settings, Data.com, Prospector Users, Service, Embedded Service, Messaging for In-App and Web User, Verification, and User Interface. The main content area is titled 'User Edit' and shows the details for 'Maya Foundation Maya\_Foundation'. The 'General Information' section includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The 'Role' dropdown is set to '<None Specified>', 'User License' is 'Salesforce Platform', and 'Profile' is 'NGOs Profile'. The 'Active' checkbox is checked. The 'Marketing User' checkbox is also checked. The 'Data.com User Type' dropdown is set to '--None--'. The 'Data.com Monthly Addition Limit' is set to 300. The 'Accessibility Mode (Classic Only)' checkbox is checked. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

## Creation of User3

The screenshot shows the Salesforce Setup page for User Management. The left sidebar contains a search bar with 'user' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Users, Feature Settings, Data.com, Prospector Users, Service, Embedded Service, Messaging for In-App and Web User, Verification, and User Interface. The main content area is titled 'User Edit' and shows the details for 'Ncc Foundation Ncc\_Foundation'. The 'General Information' section includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The 'Role' dropdown is set to '<None Specified>', 'User License' is 'Salesforce Platform', and 'Profile' is 'NGOs Profile'. The 'Active' checkbox is checked. The 'Marketing User' checkbox is also checked. The 'Data.com User Type' dropdown is set to '--None--'. The 'Data.com Monthly Addition Limit' is set to 300. The 'Accessibility Mode (Classic Only)' checkbox is checked. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

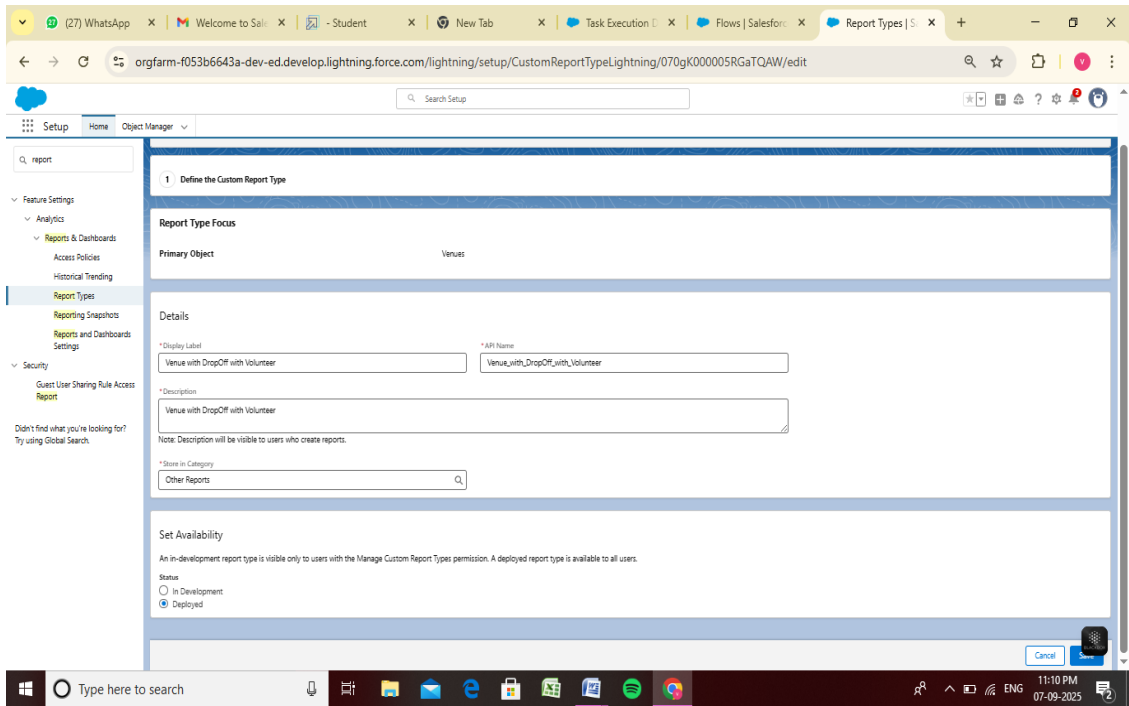
## Creation of Public Groups



The screenshot shows the Salesforce Setup interface for Public Groups. The left sidebar contains a navigation menu with options like Users, Public Groups, Feature Settings, and others. 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, there is a table listing existing public groups.

Action	Label	Group Name	Created By	Created Date
<a href="#">Edit</a>   <a href="#">Del</a>	Isaha	Isaha	M.VENKATESHWARAN	9/8/2025, 12:02 PM
<a href="#">Edit</a>   <a href="#">Del</a>	marva	marva	M.VENKATESHWARAN	9/8/2025, 12:03 PM
<a href="#">Edit</a>   <a href="#">Del</a>	ROS	ROS	M.VENKATESHWARAN	9/8/2025, 12:04 PM

## Creation of Report Types



The screenshot shows the Salesforce Setup interface for creating a custom report type. The left sidebar contains a navigation menu with options like Analytics, Reports & Dashboards, and Report Types. The main content area is titled 'Define the Custom Report Type' and includes sections for 'Report Type Focus', 'Details', and 'Set Availability'.

**Report Type Focus**

Primary Object: Venues

**Details**

\*Display Label: Venue with DropOff with Volunteer

\*API Name: Venue\_with\_DropOff\_with\_Volunteer

\*Description: Venue with DropOff with Volunteer

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

\*Store in Category: Other Reports

**Set Availability**

An in-development report type is visible only to users with the Manage Custom Report Types permission. A deployed report type is available to all users.

Status:

☐ In Development

☒ Deployed

Creation of Report

orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/r/Folder/00lgK000004AjlLQAW/view?queryScope=userFolders

FoodConnect

Home Venues Tasks Volunteers Execution Details Drop-Off Points Reports Dashboards

Reports

All Folders > custom reports

2 items

REPORTS	Name	Description	Folder	Created By	Created On	Subscribed
Recent	Volunteer Task		custom reports	VENKATESHWARAN M	9/6/2025, 2:01 PM	
Created by Me	venue and Drop Off point		custom reports	VENKATESHWARAN M	9/6/2025, 12:23 PM	

FOLDERS

- All Folders
- Created by Me
- Shared with Me

FAVORITES

- All Favorites

Adding venue and Drop Off point,Report to the Dashboard

orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/r/Dashboard/01ZgK000003bww9UAA/view?queryScope=userFolders

FoodConnect

Home Venues Tasks Volunteers Execution Details Drop-Off Points Reports Dashboards

Organization Details

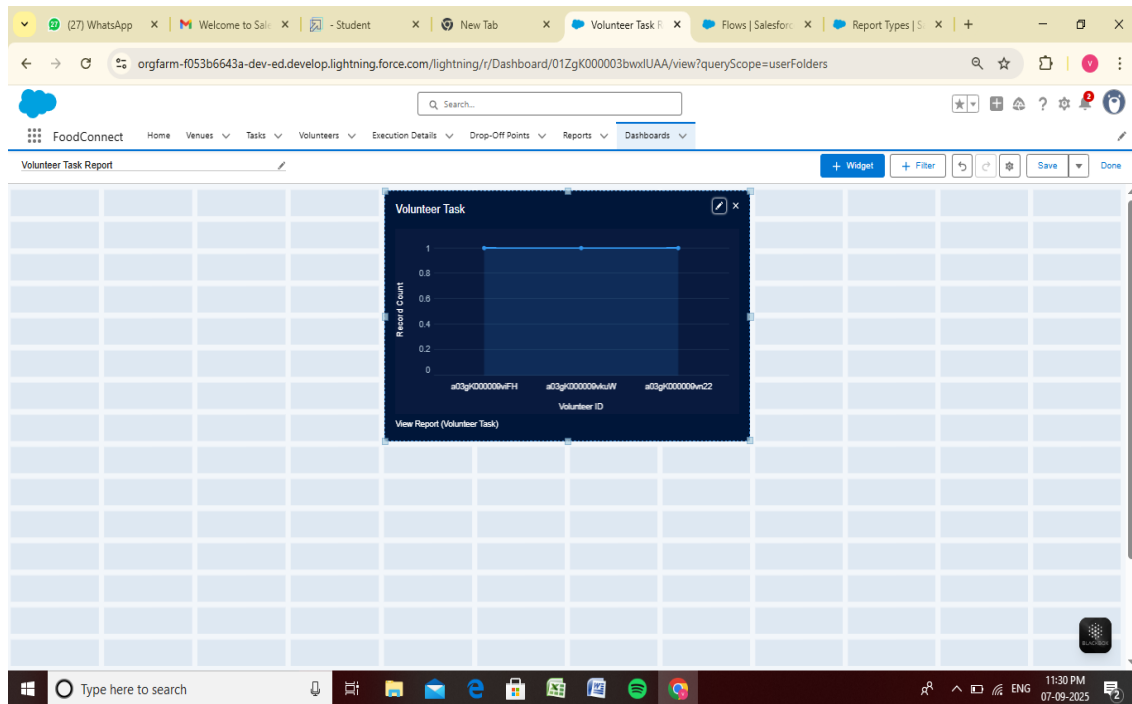
venue and Drop Off point

Venue Name	Drop-Off Point Name	Distance
goa	salem	400.0000
karala	erode	300.0000

View Report (venue and Drop Off point)



## Adding Volunteer Task Report to the Dashboard

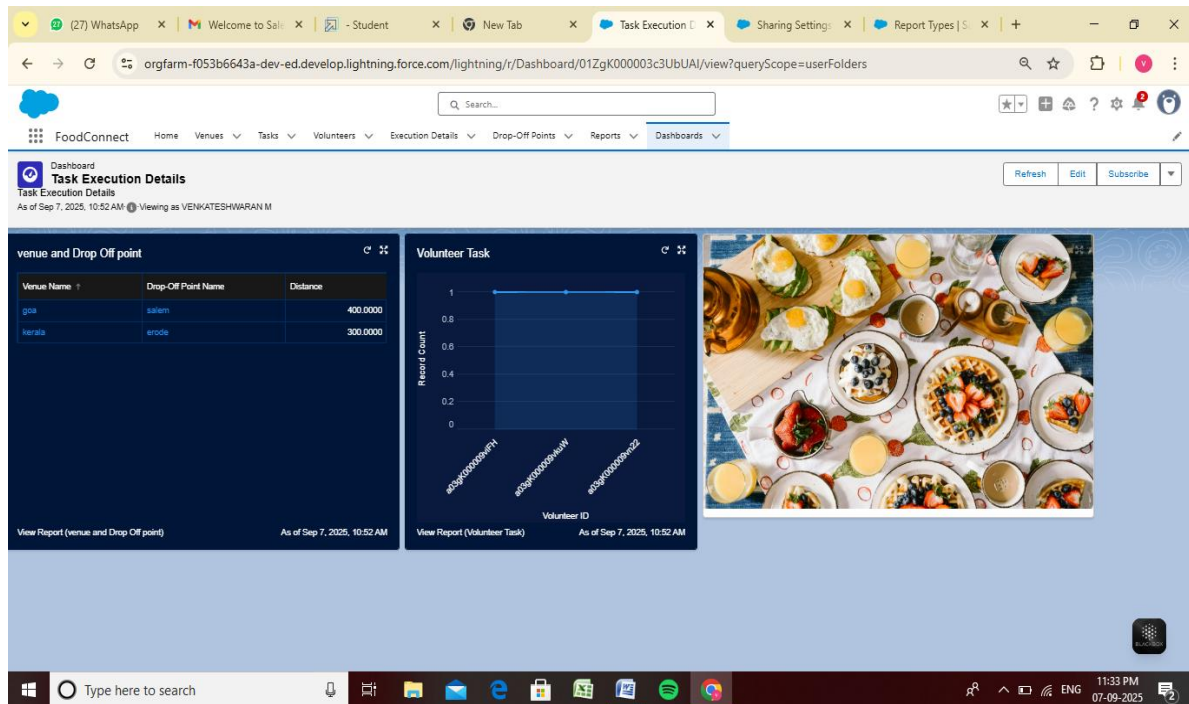


## Creation of sharing rules

The screenshot shows the 'Sharing Settings' page in Salesforce Lightning. The page is titled 'Sharing Settings' and has a sidebar with a search bar and a list of reports. The main content area is divided into several sections, each with a 'New' and 'Recalculate' button. The sections are: 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. The table has columns for Action, Criteria, Shared With, and Access Level. The rules are: 1. Action: Edit | Del, Criteria: Drop-Off Point: Distance LESS THAN 15, Shared With: Group: hghh, Access Level: Read Only. 2. Action: Edit | Del, Criteria: Drop-Off Point: Distance GREATER THAN 15 AND Drop-Off Point: Distance LESS OR EQUAL 30, Shared With: Group: mghh, Access Level: Read Only. 3. Action: Edit | Del, Criteria: Drop-Off Point: Distance GREATER THAN 30 AND Drop-Off Point: Distance LESS OR EQUAL 50, Shared With: Group: nccc, Access Level: Read Only.

Action	Criteria	Shared With	Access Level
Edit   Del	Drop-Off Point: Distance LESS THAN 15	Group: hghh	Read Only
Edit   Del	Drop-Off Point: Distance GREATER THAN 15 AND Drop-Off Point: Distance LESS OR EQUAL 30	Group: mghh	Read Only
Edit   Del	Drop-Off Point: Distance GREATER THAN 30 AND Drop-Off Point: Distance LESS OR EQUAL 50	Group: nccc	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.