

PROJECT TITLE:

To Supply Leftover Food to Poor

College Name: SRI VASAVI COLLEGE (SELF FINANCE WING)

ERODE-638316.

College Code: bru17

TEAM ID: NM2025TMID23355

TEAM MEMBERS ARE:

Team LeaderName: VENKATESHWARN M

Email: vengataesharavinthan@gmail.com

Team Member: DHIVAGAR C

Email: dhivagarchandran007@gmail.com

Team Member: SHANMUGA SUNDARAM V

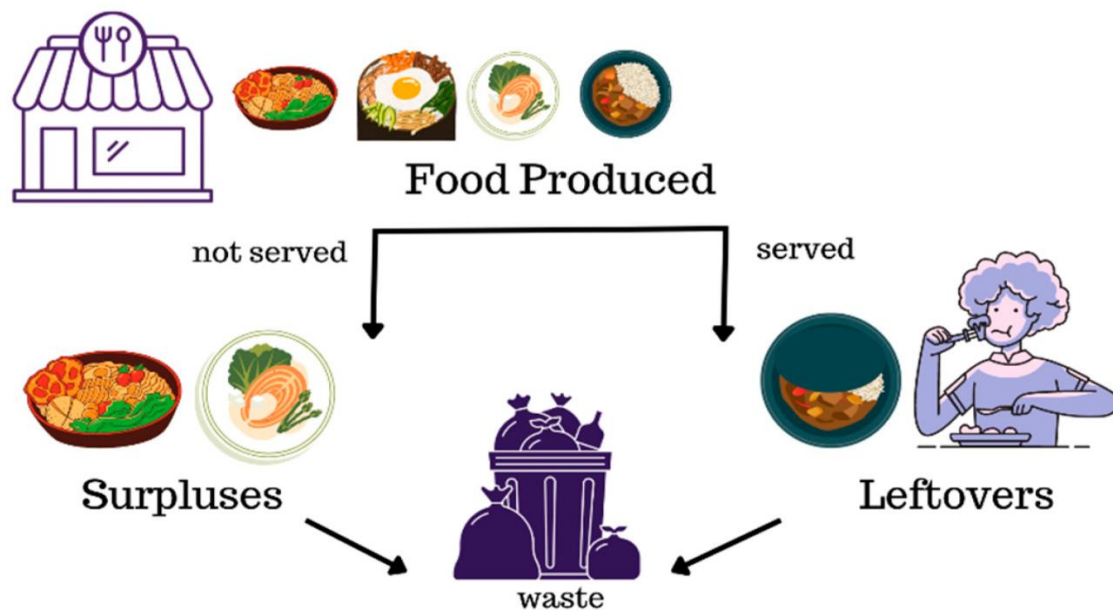
Email: vsserd16@gmail.com

Team Member: KALAIVANI V

Email: kalaivadivel49@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: VENKATESHWARAN ✓

Last name: M ✓

Job title: Software ✓

Work email: vengataesharavintha ✓

Company: sri vasavi college self ✓

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.

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 Edit Delete

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

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

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 Edit Delete

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

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

Type here to search

09:55 PM
07-09-2025

Browser tabs: (27) WhatsApp, Welcome to Salesforce, Student, New Tab, Task Execution Detail, Task | Salesforce.

URL: orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gK0000024ykP/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Task

Details Edit Delete

Description

API Name	Task_c	Enable Reports	✓
Custom	Custom	Track Activities	✓
✓	✓	Track Field History	✓
Singular Label	Task	Deployment Status	Deployed
Plural Label	Tasks	Help Settings	Standard salesforce.com Help Window

Windows taskbar: Type here to search, 09:56 PM, 07-09-2025

Browser tabs: (27) WhatsApp, Welcome to Salesforce, Student, New Tab, Task Execution Detail, Volunteer | Salesforce.

URL: orgfarm-f053b6643a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gK0000024ym1/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

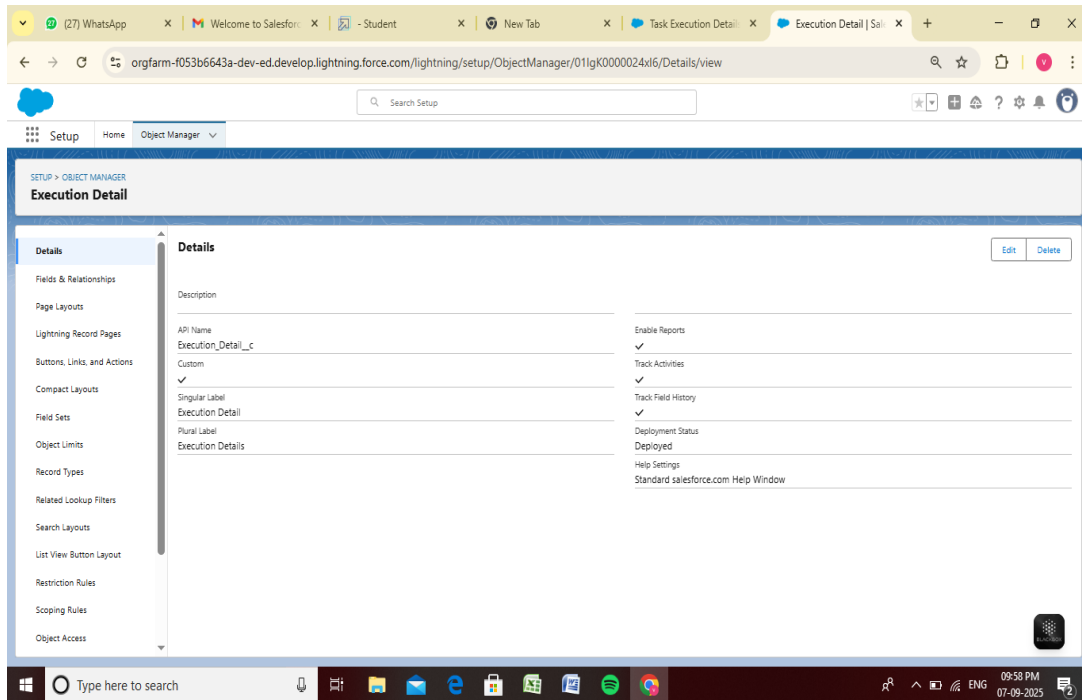
Volunteer

Details Edit Delete

Description

API Name	Volunteer_c	Enable Reports	✓
Custom	Custom	Track Activities	✓
✓	✓	Track Field History	✓
Singular Label	Volunteer	Deployment Status	Deployed
Plural Label	Volunteers	Help Settings	Standard salesforce.com Help Window

Windows taskbar: Type here to search, 09:57 PM, 07-09-2025



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.

Data Cloud

Get Started with Einstein Bots

Mobile Publisher

Join the Trailblazer Community

Most Recently Used

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	Volunteer

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. Lightning Page tabs allow you to add Lightning Pages to 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	Vehicles	Building	
Edit Del	Volunteers	Castle	

Web Tabs

No Web Tabs have been defined

Visualforce Tabs

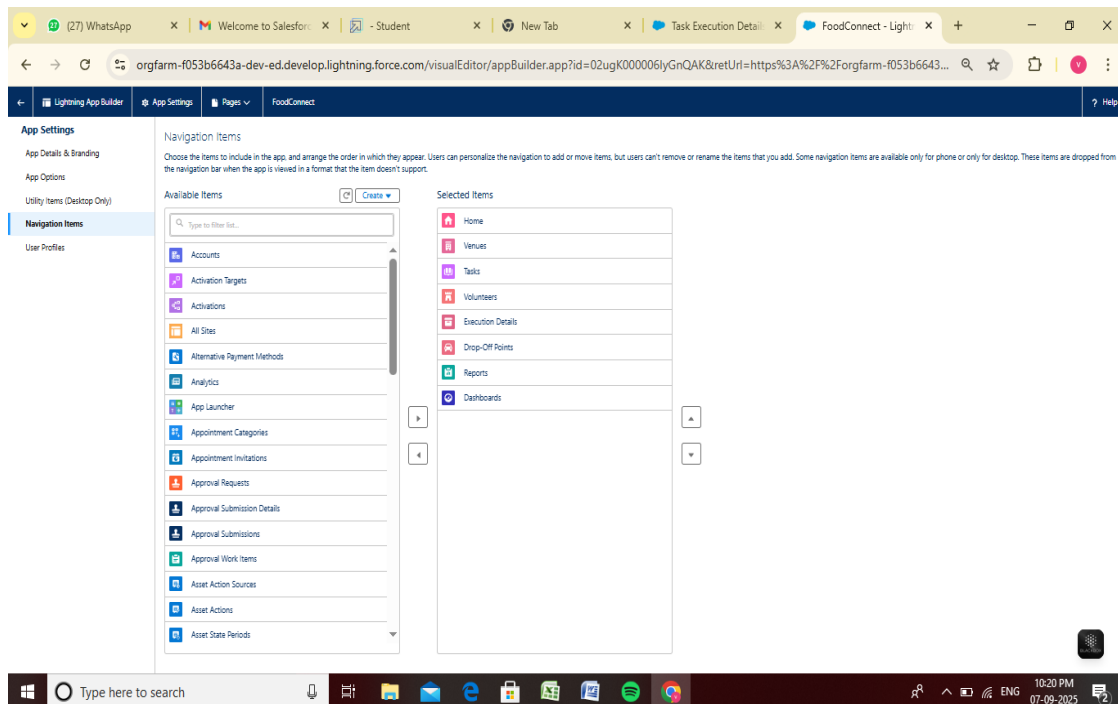
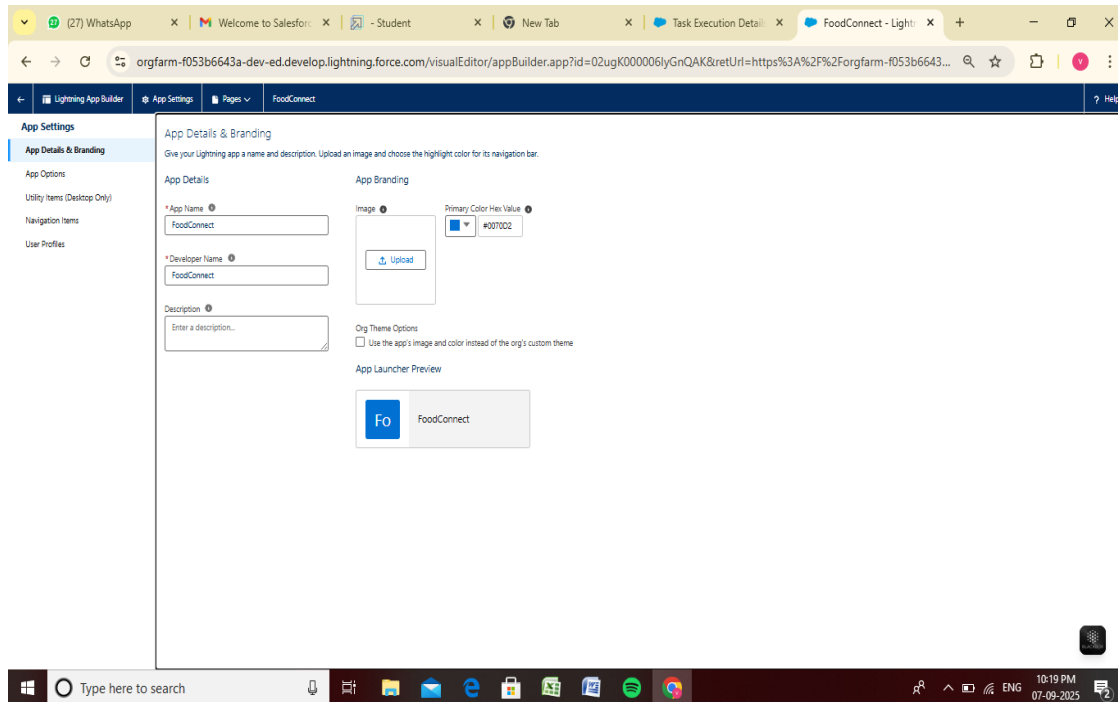
No Visualforce Tabs have been defined

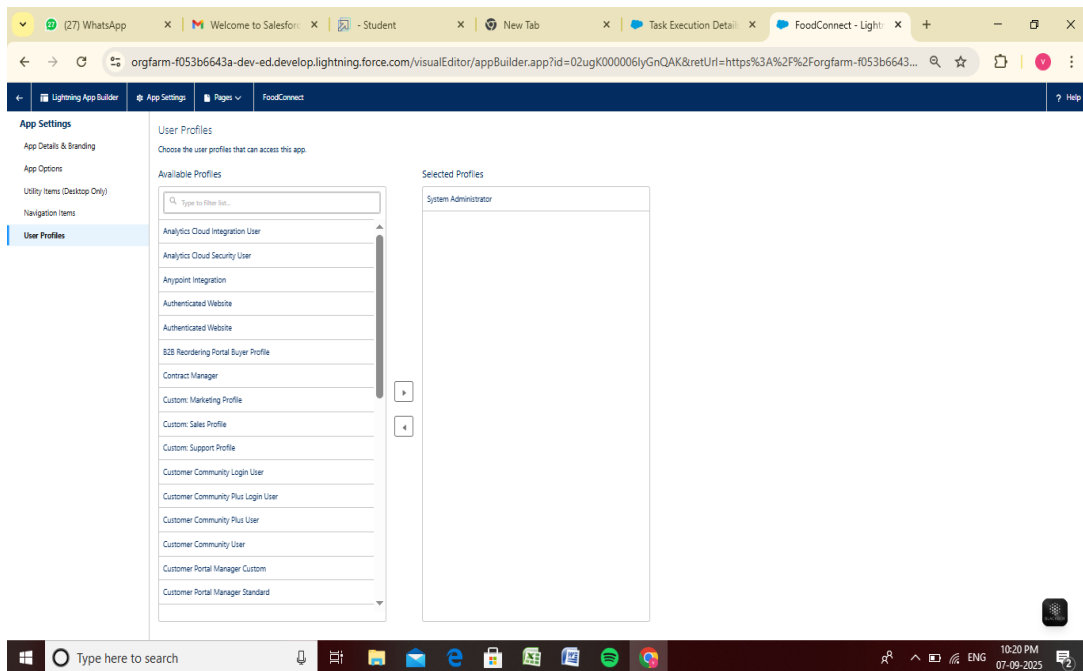
Lightning Component Tabs

No Lightning Component Tabs have been defined

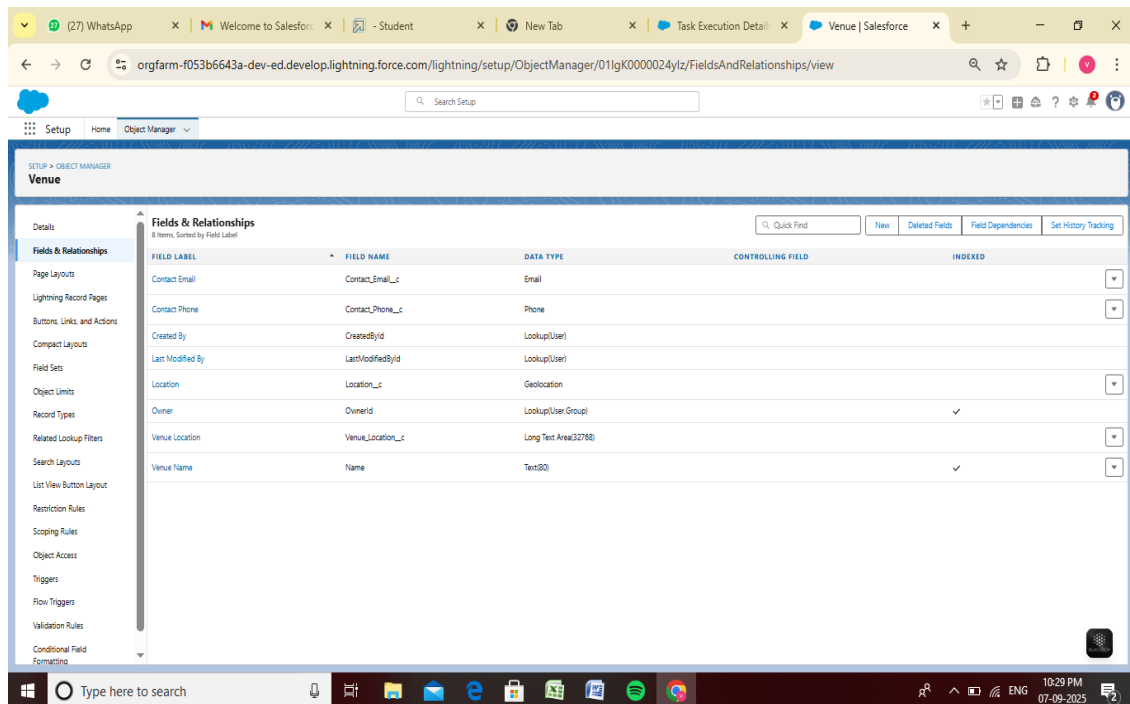
Created lightning app:

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 active, displaying a table of 8 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Created By (Lookup/User), Distance (Number/14, 4), distance calculation (Formula/Number), Drop-Off Point Name (Text/30), Last Modified By (Lookup/User), Location 2 (Geolocation), Owner (Lookup/User Group), and State (Picklist). The 'Venue' field is also visible at the bottom of the list.

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(30)		✓
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)		✓

Creation of fields for the Task object

The screenshot shows the Salesforce Setup interface for the 'Task' object. The 'Fields & Relationships' tab is active, displaying a table of 13 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Created By (Lookup/User), Date (Date), Distance (Number/14, 4), Drop-Off Point (Lookup/Drop-Off Point), Feedback (Long Text Area/32768), Food Category (Picklist (Multi-Select)), Last Modified By (Lookup/User), Name of the Person (Text/16), Number of People Served (Number/18, 0), Owner (Lookup/User Group), Phone (Phone), Rating (Picklist), Task ID (Auto Number), and Task Name (Text/30).

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)		
Name of the Person	Name_of_the_Person__c	Text(16)		
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(30)		✓

Creation of fields for the Volunteer object

The screenshot shows the Salesforce Setup interface for the Volunteer object. The left sidebar contains a navigation menu with options like 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, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The main content area is titled 'Fields & Relationships' and shows a table of 14 fields. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Address (Long Text Area(32768)), Age (Number(18, 0)), Available On (Date), Contact Number (Number(18, 0)), Created By (Lookup(User)), Date of Birth (Date), Drop-Off Point (Master-Detail(Drop-Off Point)), Email (Email), Execution Detail (Master-Detail(Execution Detail)), Execution ID (Auto Number), Gender (Picklist), Last Modified By (Lookup(User)), Volunteer ID (Auto Number), and Volunteer Name (Text(80)).

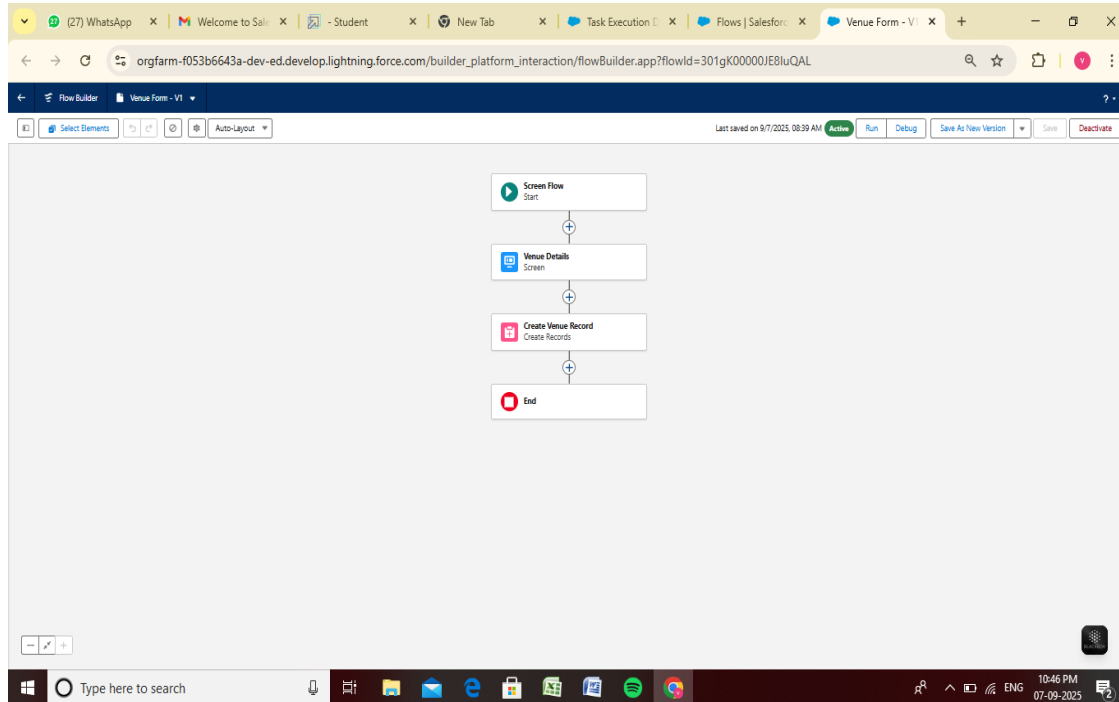
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Long Text Area(32768)		
Age	Age__c	Number(18, 0)		
Available On	Available_On__c	Date		
Contact Number	Contact_Number__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		
Drop-Off Point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)		✓
Email	Email__c	Email		
Execution Detail	Execution_Detail__c	Master-Detail(Execution Detail)		✓
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(80)		✓

Creation of fields for the Execution Details object

The screenshot shows the Salesforce Setup interface for the Execution Detail object. The left sidebar contains a navigation menu with options like 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, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The main content area is titled 'Fields & Relationships' and shows a table of 5 fields. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Created By (Lookup(User)), Execution Detail Name (Text(80)), Last Modified By (Lookup(User)), Task (Master-Detail(Task)), and Volunteer (Lookup(Volunteer)).

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	Lookup(Volunteer)		✓

Create Flow to create a record in Venue object



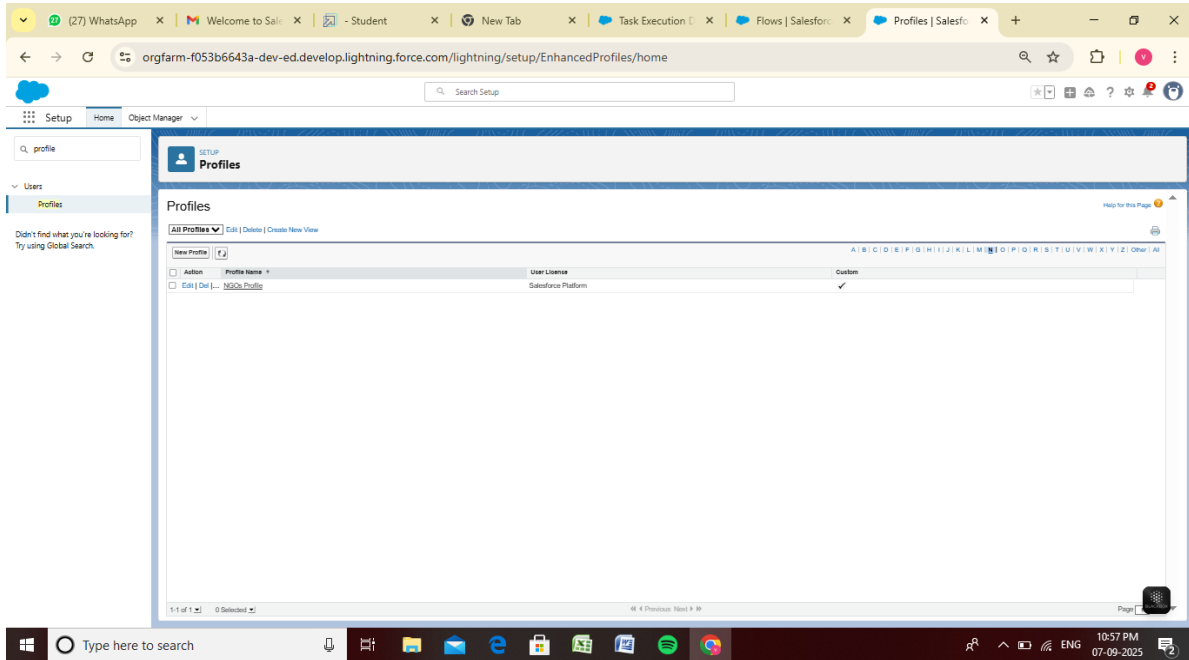
Create a DropOffTrigger

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 }
```

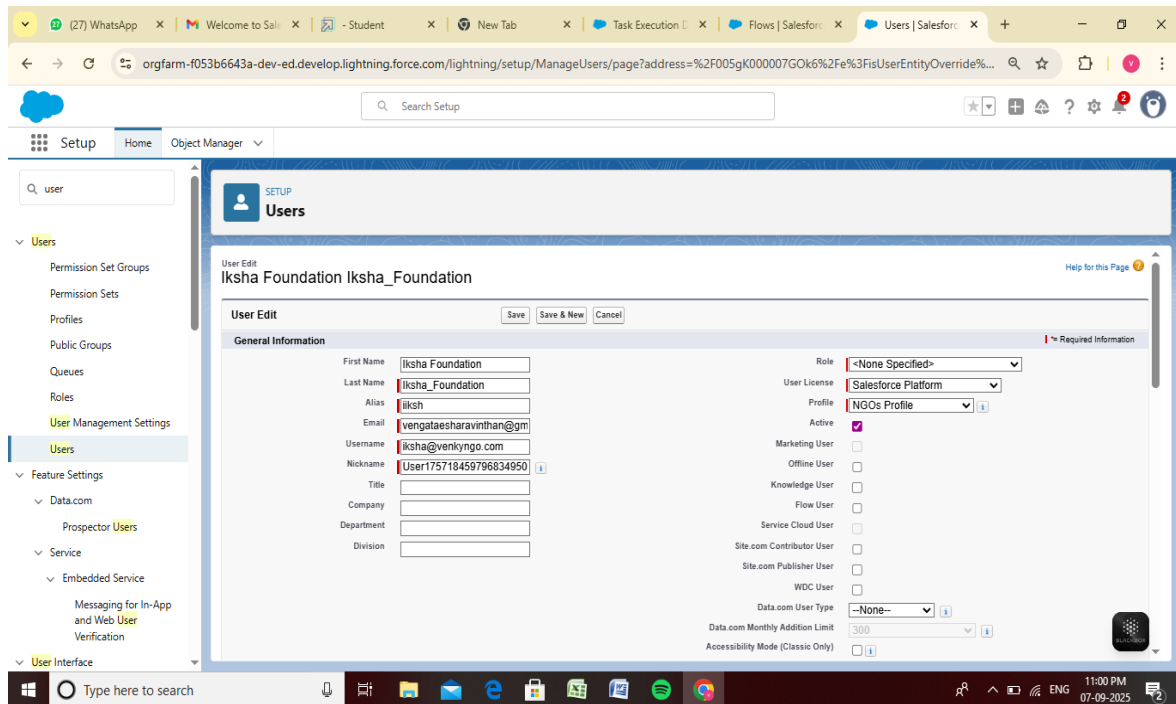
The console also shows the "Problems" tab, which is currently empty. The interface includes buttons for "Go To", "Logs", "Tests", "Checkpoints", "Query Editor", "View State", "Progress", and "Problems".

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, and a message 'Didn't find what you're looking for? Try using Global Search.' The main content area is titled 'Profiles' and shows a table with columns: Action, Profile Name, User License, and Custom. One profile is listed: 'NGOs Profile' with a 'Salesforce Platform' license and a checked 'Custom' checkbox. The bottom of the screen shows the Windows taskbar with the search bar and system clock.

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 is titled 'Users' and shows the 'User Edit' form for 'Iksha Foundation Iksha_Foundation'. The form has tabs for 'User Edit', 'Save', 'Save & New', and 'Cancel'. The 'General Information' section includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The 'Role' section includes a dropdown for 'Role' (set to '<None Specified>'), a dropdown for 'User License' (set to 'Salesforce Platform'), a dropdown for 'Profile' (set to 'NGOs Profile'), and checkboxes for 'Active', 'Marketing User', 'Offline User', 'Knowledge User', 'Flow User', 'Service Cloud User', 'Site.com Contributor User', 'Site.com Publisher User', and 'WDC User'. The 'Data.com User Type' is set to 'None--', 'Data.com Monthly Addition Limit' is set to '300', and 'Accessibility Mode (Classic Only)' is set to 'Off'. The bottom of the screen shows the Windows taskbar with the search bar and system clock.

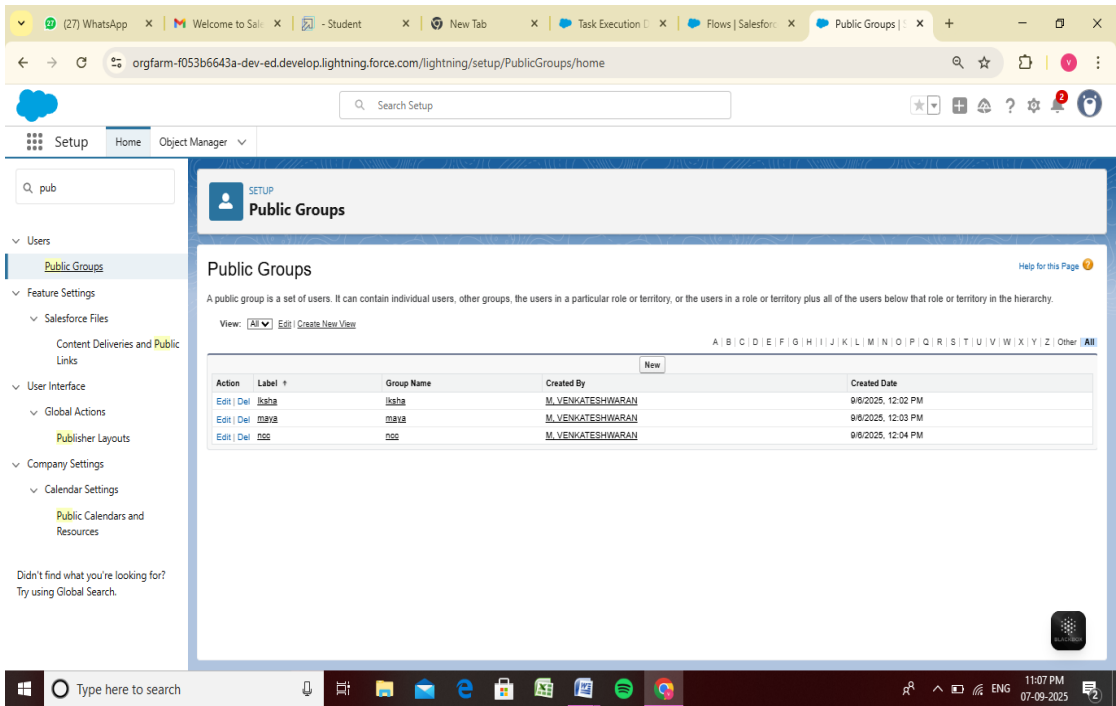
Creation of User2

The screenshot shows the Salesforce User Management interface. 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 (highlighted), 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 "Maya Foundation Maya_Foundation". It includes a "General Information" section with 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 "Data.com User Type" is set to "--None--". The "Data.com Monthly Addition Limit" is 300. The "Accessibility Mode (Classic Only)" checkbox is unchecked. The bottom status bar shows the time as 11:02 PM on 07-09-2025.

Creation of User3

The screenshot shows the Salesforce User Management interface. 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 (highlighted), 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 "Ncc Foundation Ncc_Foundation". It includes a "General Information" section with 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 "Data.com User Type" is set to "--None--". The "Data.com Monthly Addition Limit" is 300. The "Accessibility Mode (Classic Only)" checkbox is unchecked. The bottom status bar shows the time as 11:04 PM on 07-09-2025.

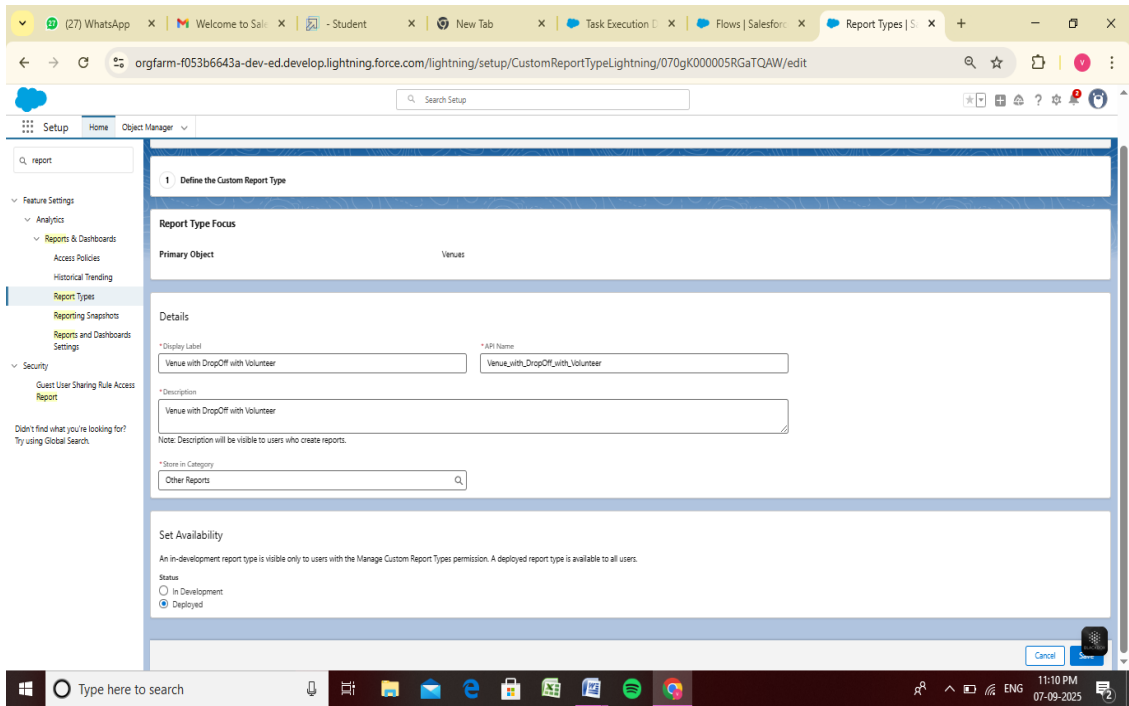
Creation of Public Groups



The screenshot shows the Salesforce Setup interface for Public Groups. The left sidebar contains a navigation menu with categories like Users, Feature Settings, User Interface, Company Settings, and Security. 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 the description is a table listing existing public groups.

Action	Label #	Group Name	Created By	Created Date
Edit Del	Isaba	Isaba	M. VENKATESHWARAN	9/6/2025, 12:02 PM
Edit Del	Maya	Maya	M. VENKATESHWARAN	9/6/2025, 12:03 PM
Edit Del	ROO	ROO	M. VENKATESHWARAN	9/6/2025, 12:04 PM

Creation of Report Types



The screenshot shows the 'Define the Custom Report Type' page in Salesforce Setup. The page is titled 'Report Type Focus' and has a 'Primary Object' of 'Venues'. The 'Details' section contains fields for 'Display Label' (Venue with DropOff with Volunteer), 'API Name' (Venue_with_DropOff_with_Volunteer), 'Description' (Venue with DropOff with Volunteer), and 'Store in Category' (Other Reports). The 'Set Availability' section shows the status as 'Deployed'.

1 Define the Custom Report Type

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.

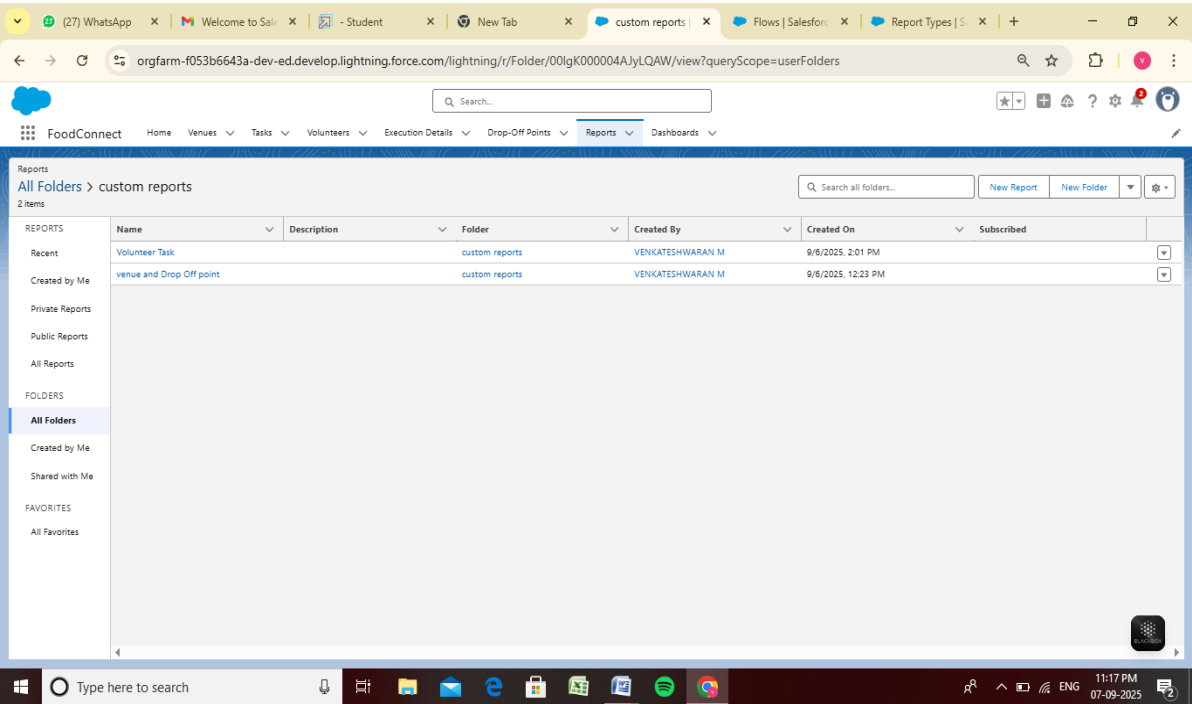
*Store in Category: Other Reports

Set Availability

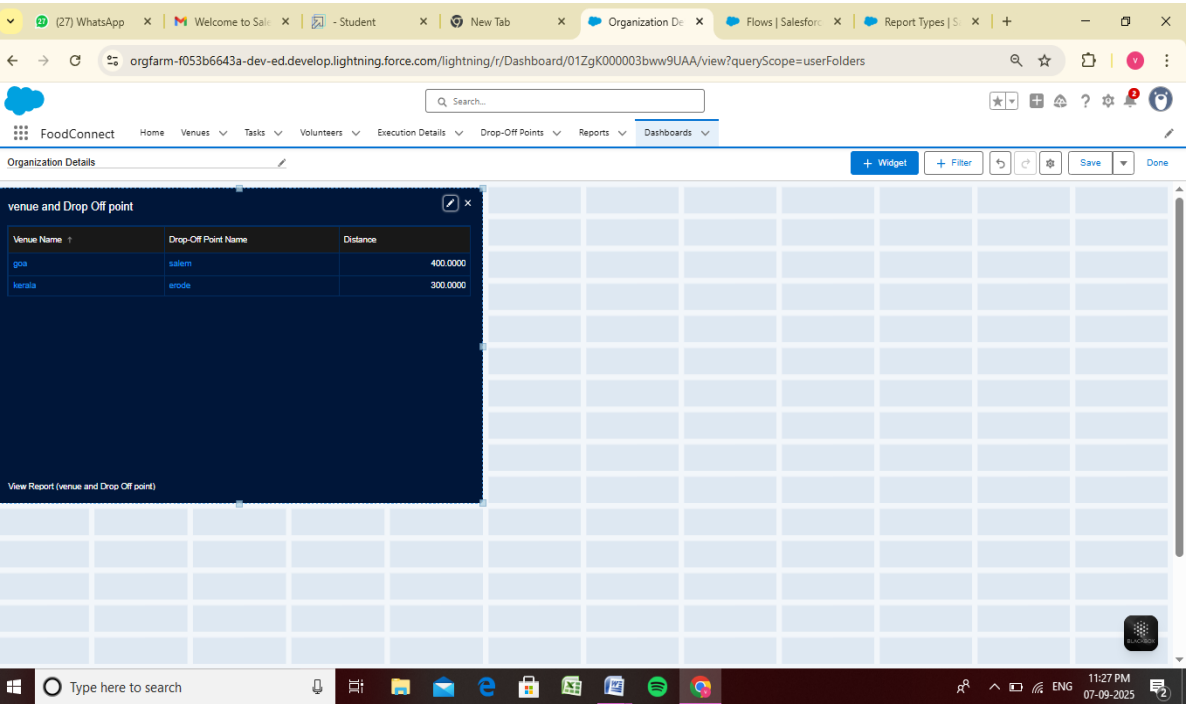
An in-development report type is visible only to users with the Manage Custom Report Types permission. A deployed report type is available to all users.

Status: ☐ In Development ☒ Deployed

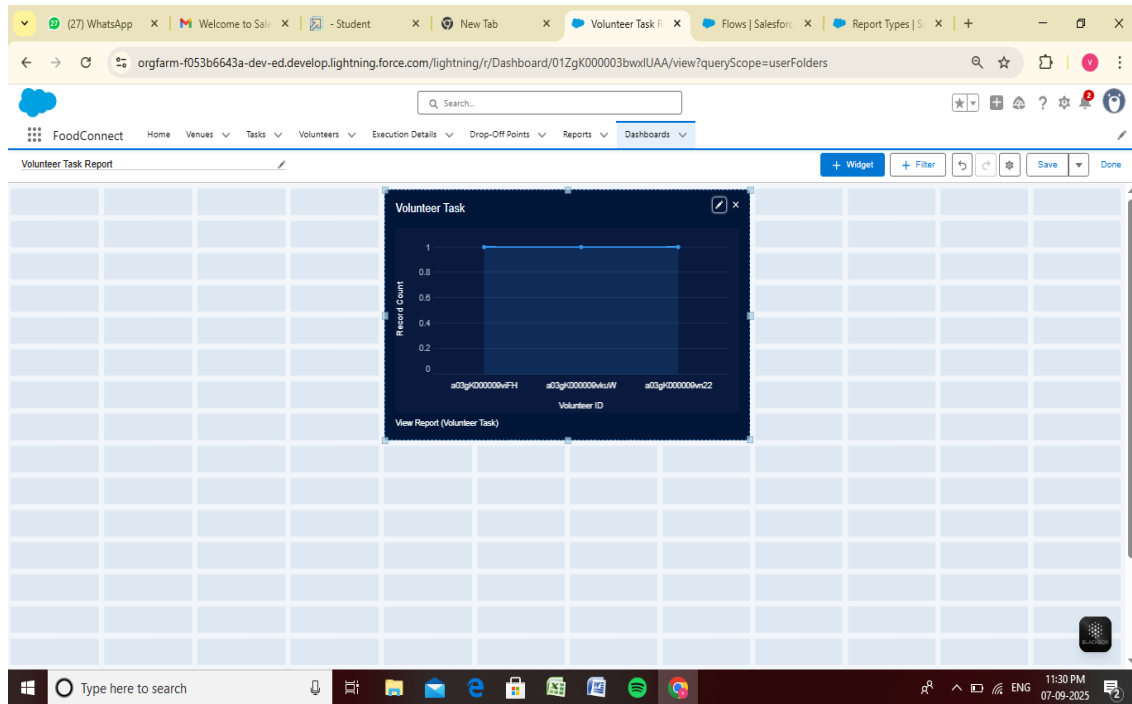
Creation of Report



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 Salesforce Setup page for "Sharing Settings". The page is titled "Sharing Settings" and includes a search bar and a "Search Setup" input. The left sidebar shows the "Setup" menu with "Security" expanded, and "Sharing Settings" selected. The main content area displays the "Sharing Settings" section, which includes several sub-sections for creating sharing rules:

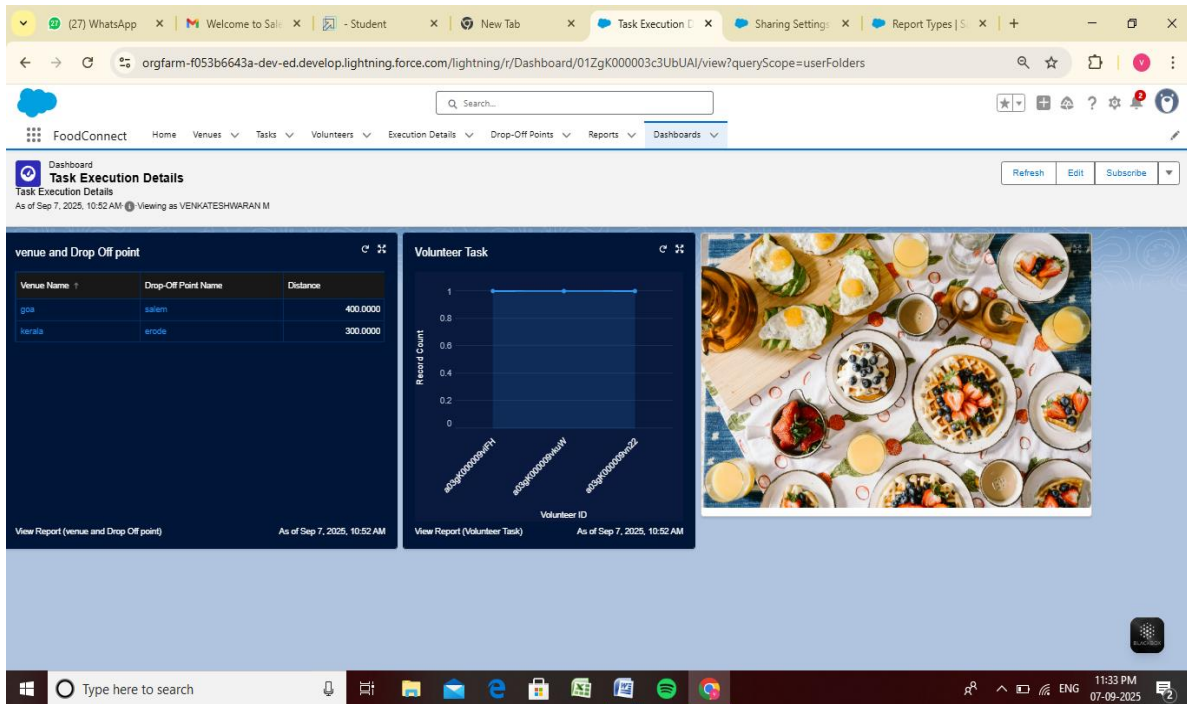
- Work Step Template Sharing Rules**: No sharing rules specified. (New | Recalculate)
- Work Type Sharing Rules**: No sharing rules specified. (New | Recalculate)
- Work Type Group Sharing Rules**: No sharing rules specified. (New | Recalculate)
- Drop-Off Point Sharing Rules**: No sharing rules specified. (New | Recalculate)
- Task Sharing Rules**: No sharing rules specified. (New | Recalculate)
- Venue Sharing Rules**: No sharing rules specified. (New | Recalculate)

The "Drop-Off Point Sharing Rules" section is expanded, showing a table of existing rules:

Action	Criteria	Shared With	Access Level
Edit Del	Drop-Off Point: Distance LESS THAN 15	Group: h0h0	Read Only
Edit Del	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)	Group: m0m0	Read Only
Edit Del	(Drop-Off Point: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)	Group: n0n0	Read Only

The bottom status bar shows the time as 11:32 PM on 07-09-2025.

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.