

KALLAM HARNADHA REDDY INSTITUTE OF TECHNOLOGY

TO SUPPLY LEFTOVER FOOD TO POOR

By

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PROJECT OVERVIEW

The "**To Supply Leftover Food To Poor**" project was conceived to address the issue of food wastage and hunger. The goal was to create a system within Salesforce that could efficiently connect sources of leftover food (restaurants, cafeterias, events) with organizations and volunteers who distribute food to those in need. This report details the project's objectives, methodology, implementation, outcomes, and future recommendations.

INTRODUCTION

The "**To Supply Leftover Food To Poor**" project was conceived to address the issue of food wastage and hunger. The goal was to create a system within Salesforce that could efficiently connect sources of leftover food (restaurants, cafeterias, events) with organizations and volunteers who distribute food to those in need. This report details the project's objectives, methodology, implementation, outcomes, and future recommendations.

Objectives

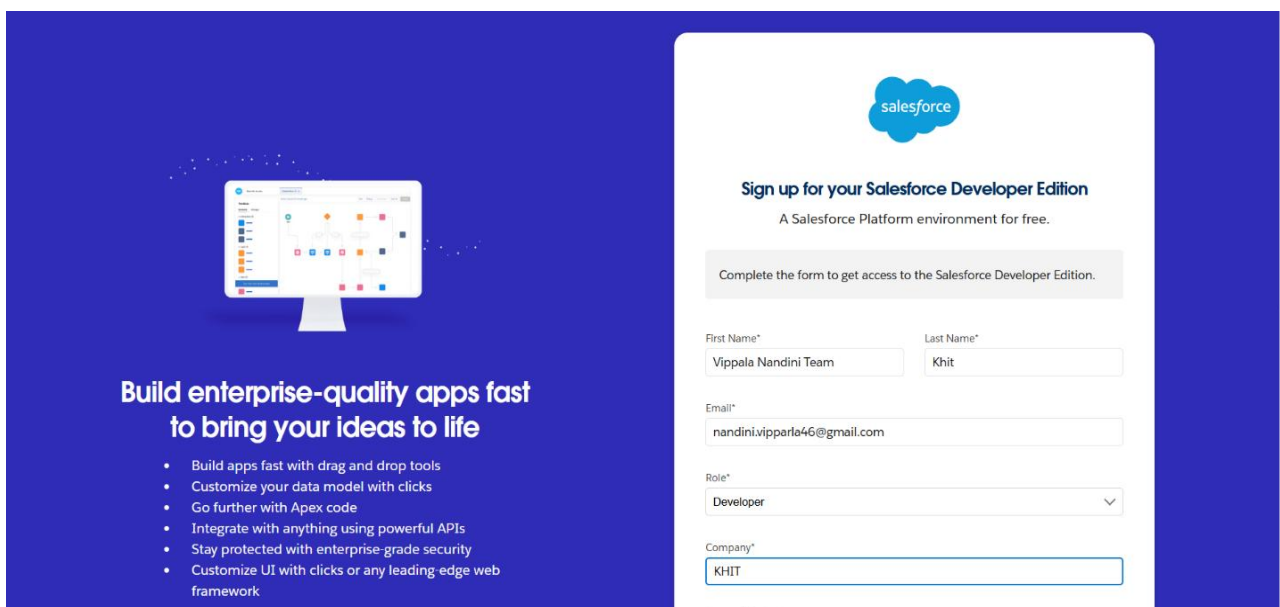
- **Reduce Food Waste:** Minimize food wastage by collecting surplus food from restaurants, hotels, events, and households.
- **Feed the Needy:** Provide nutritious and safe food to underprivileged individuals, including homeless people, low-income families, and orphanages.
- **Create a Sustainable System:** Develop a structured process for food collection, storage, and distribution to ensure efficiency and consistency.
- **Ensure Food Safety:** Implement hygiene and quality control measures to ensure the collected food is safe for consumption.
- **Promote Social Responsibility:** Encourage individuals and businesses to contribute to the cause, fostering a culture of social responsibility.
- **Build Partnerships:** Collaborate with restaurants, grocery stores, NGOs, and volunteers to expand the reach and impact of the initiative.

Salesforce developer account creation

Open your browser and go to [Salesforce Developer Edition Signup](https://developer.salesforce.com/signup).

Creating Developer Account

- Go to <https://developer.salesforce.com/signup>
- On the sign up form, enter the following details
- First name & Last name : VIPPARLA NANDINI TEAM
- Email : Own email id
- Role : Developer
- Company : College or Company Name
- County : India
- Postal Code : pin code
- Username : should be a combination of your name and company



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First Name*
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Last Name*
Khit

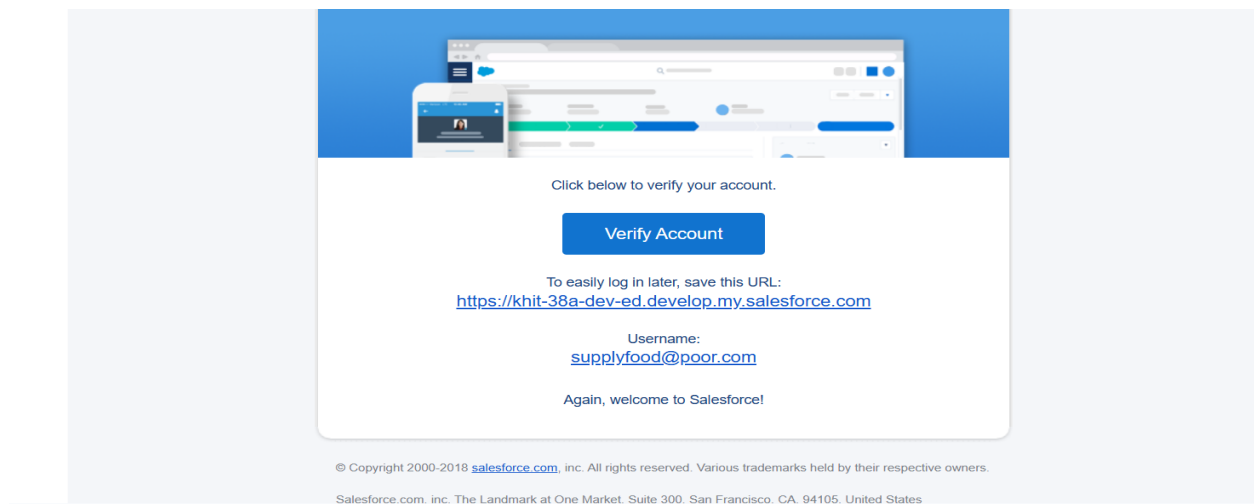
Email*
nandini.vipparla46@gmail.com

Role*
Developer

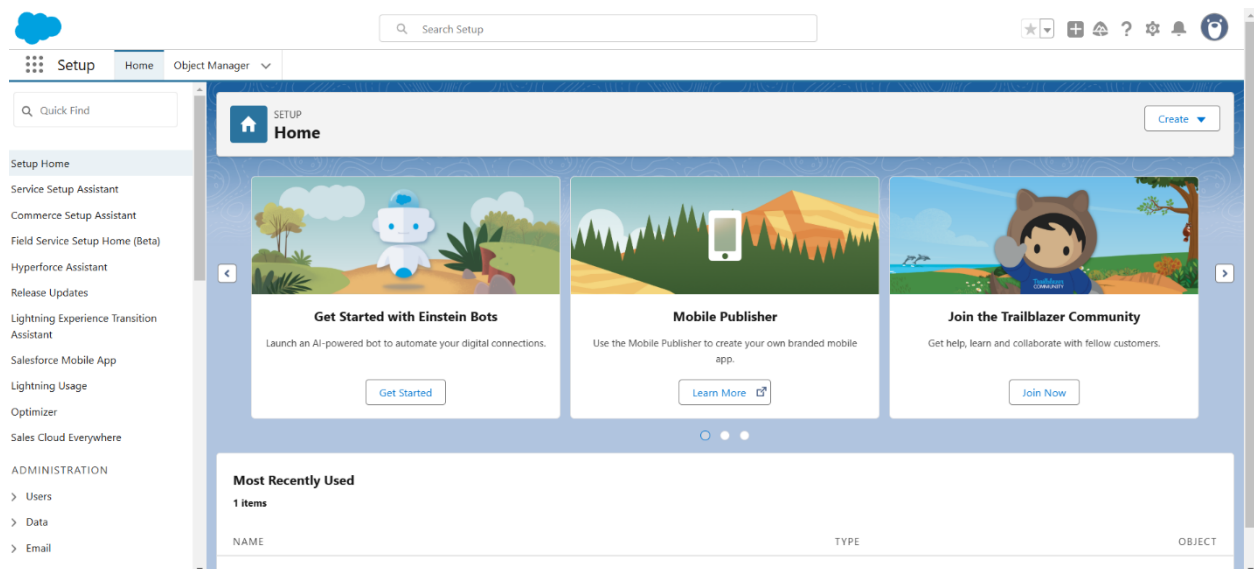
Company*
KHIT

Account Activation

- Go to the inbox of the email that you used while signing up
- Click on Verify Account
- Give a password and answer a security question and click on change password.



- Then you will redirect to your salesforce setup page.

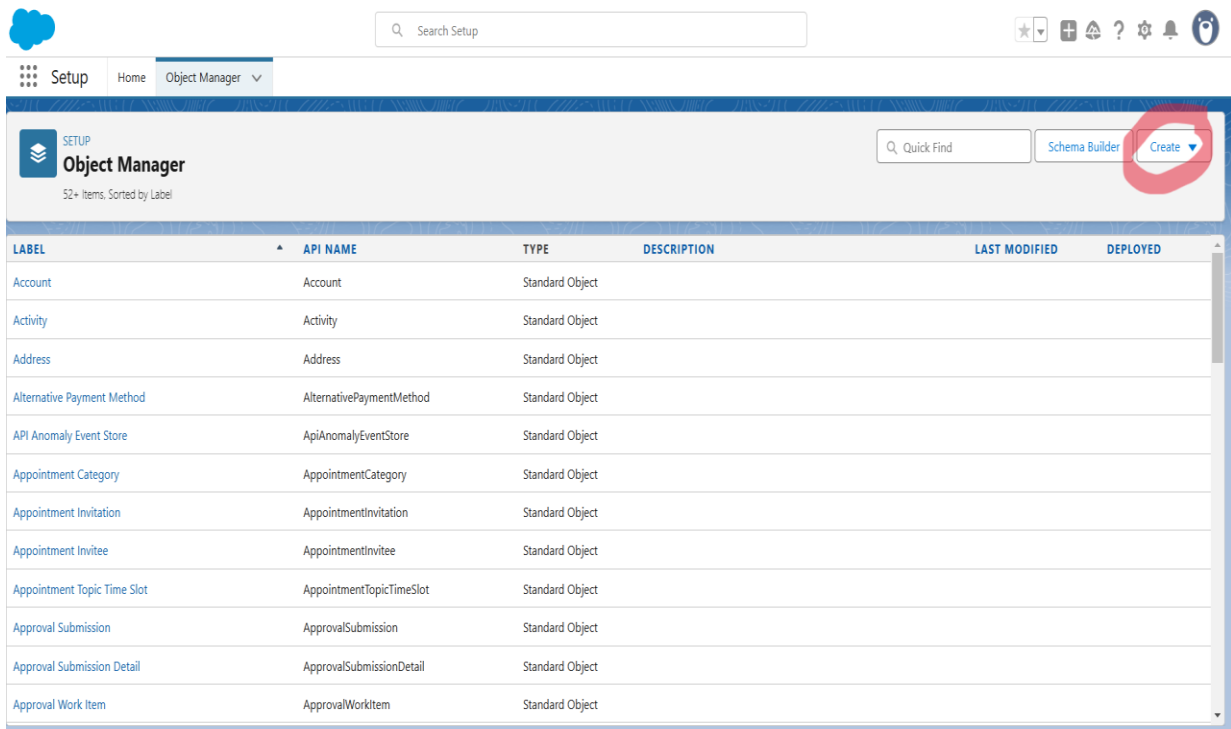


Object

- In salesforce, objects are used to store data
- **Standard Objects:** Predefined by salesforce
- **Custom Objects:** Created by users to store specific data

Steps to create object

- From the setup page > Click on Object Manager > Click on Create > Click on Custom Object.
- On Custom object defining page
- Enter the label name, plural label name, click on Allow reports, Allow search.
- Click on Save



The screenshot shows the Salesforce Setup interface. At the top, there's a search bar labeled 'Search Setup'. Below it, the navigation menu includes 'Setup', 'Home', and 'Object Manager'. The 'Object Manager' section is active, showing a list of objects. The 'Create' button in the top right corner of the Object Manager section is circled in red.

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Account	Account	Standard Object			
Activity	Activity	Standard Object			
Address	Address	Standard Object			
Alternative Payment Method	AlternativePaymentMethod	Standard Object			
API Anomaly Event Store	ApiAnomalyEventStore	Standard Object			
Appointment Category	AppointmentCategory	Standard Object			
Appointment Invitation	AppointmentInvitation	Standard Object			
Appointment Invitee	AppointmentInvitee	Standard Object			
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object			
Approval Submission	ApprovalSubmission	Standard Object			
Approval Submission Detail	ApprovalSubmissionDetail	Standard Object			
Approval Work Item	ApprovalWorkItem	Standard Object			

❖ Venue object

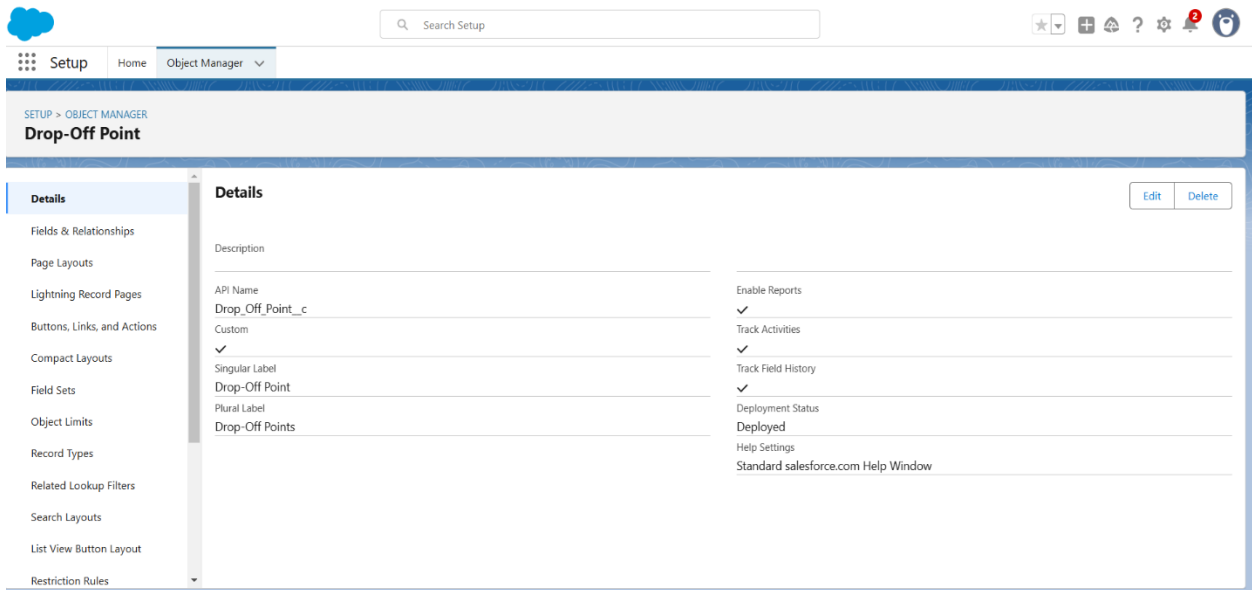
- To create an object:
- From the setup page > Click on Object Manager > Click on Create > Click on Custom Object.
- Enter the label name > Venue
- Plural label name > Venues
- Enter Record Name Label and Format
- Record Name > Venue Name
- Data Type > Text
- Click on Allow reports and Track Field History, Allow Activities.
- Allow search > Save.

The screenshot shows the Salesforce Setup interface for the 'Venue' object. The top navigation bar includes the Salesforce logo, a search bar, and various utility icons. The main navigation menu on the left shows 'Setup' with a sub-menu 'Object Manager'. The breadcrumb trail indicates 'SETUP > OBJECT MANAGER'. The page title is 'Venue'. On the right, there are 'Edit' and 'Delete' buttons. The left sidebar lists various configuration options for the object, including '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', and 'Restriction Rules'. The 'Details' section is currently selected and expanded, showing the following configuration details:

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

❖ Drop-off point object

- To create an object:
- From the setup page>Click on Object Manager>Click on Create>Click on Custom Object.
- Enter the label name>Drop-Off Point
- Plural label name>Drop-Off Points
- Enter Record Name Label and Format
- Record Name>Drop-Off point Name
- Data Type>Text
- Click on Allow reports and Track Field History, Allow Activities
- Allow search>Save.



❖ Task Object

- To create an object:
- From the setup page>Click on Object Manager>Click on Create>Click on Custom Object.
- Enter the label nam>Task
- Plural label name>Tasks
- Enter Record Name Label and Format
- Record Name>Task Name
- Data Type>Text
- Click on Allow reports and Track Field History, Allow Activities
- Allow search>Save.

The screenshot shows the Salesforce Setup interface. At the top, there's a search bar labeled 'Search Setup'. Below it, the navigation menu includes 'Setup', 'Home', and 'Object Manager'. The 'Object Manager' tab is selected, and the 'Task' object is chosen. The left sidebar lists various configuration options for the 'Task' object, including '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', and 'Restriction Rules'. The main content area is titled 'Details' and contains the following information:

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

At the top right of the details section, there are 'Edit' and 'Delete' buttons.

❖ Volunteer Object

- To create an object:
- From the setup page>Click on Object Manager>Click on Create>Click on Custom Object.
- Enter the label name>Volunteer
- Plural label name>Volunteers
- Enter Record Name Label and Format
- Record Name>Volunteer Name
- Data Type>Text
- Click on Allow reports and Track Field History, Allow Activities
- Allow search>Save.

The screenshot displays the Salesforce 'New Custom Object' configuration page. At the top, a yellow banner provides information about permissions. Below this, the 'Custom Object Definition Edit' section is visible, containing the following fields and options:

- Label:** Volunteer (Example: Account)
- Plural Label:** Volunteers (Example: Accounts)
- Starts with vowel sound:** ☐
- Object Name:** Volunteer (Example: Account)
- Description:** (Empty text area)

At the bottom, there are options for 'Context Sensitive Help Setting':

- ☒ Open the standard Salesforce.com Help & Training window
- ☐ Open a window using a Visualforce page

Buttons for 'Save', 'Save & New', and 'Cancel' are located at the top of the definition section.

❖ Execution Details Object

- To create an object:
- From the setup page>Click on Object Manager>Click on Create>Click on Custom Object.
- Enter the label name>Execution Detail
- Plural label name>Execution Details
- Enter Record Name Label and Format
- Record Name>Execution Detail Name
- Data Type>Text
- Click on Allow reports and Track Field History, Allow Activities
- Allow search>Save.

The screenshot shows the Salesforce Setup interface. At the top, there's a 'Setup' tab and a search bar. Below the navigation bar, the 'Object Manager' section is active, showing 'Execution Detail' as the selected object. The left sidebar lists various configuration options like 'Fields & Relationships', 'Page Layouts', and 'Buttons, Links, and Actions'. The main content area is titled 'Details' and contains the following information:

Details	
Description	
API Name	Execution_Detail__c
Custom	✓
Singular Label	Execution Detail
Plural Label	Execution Details
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

At the top right of the details section, there are 'Edit' and 'Delete' buttons.

Tabs

- A tab is like a user interface that is used to build records for objects and to view the records in the objects.

❖ Creating a Custom Tab

- To create a Tab:(Venue)
- Go to setup page>type Tabs in Quick Find bar>click on tabs>New (under custom object tab)
- Select Object(Venue)>Select the tab style>Next (Add to profiles page) keep it as default>Next (Add to Custom App) uncheck the include tab .
- Make sure that the Append tab to users' existing personal customizations is checked.
- Click save.

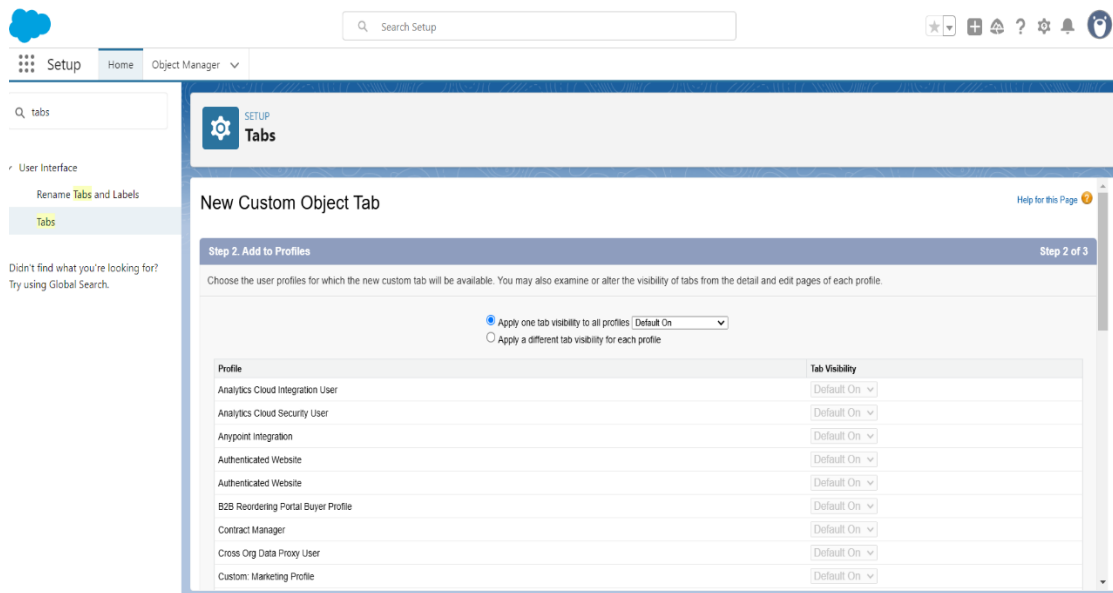
The screenshot shows the Salesforce Setup interface. On the left, the 'Setup' menu is open, and 'Tabs' is selected under 'User Interface'. The main content area is titled 'New Custom Object Tab' and shows 'Step 1 of 3: Enter the Details'. The instructions state: 'Choose the custom object for this new custom tab. Fill in other details.' The form includes the following fields:

- Object:** A dropdown menu with 'Venue' selected.
- Tab Style:** A button labeled 'Alarm clock' with a magnifying glass icon.
- Splash Page Custom Link:** A dropdown menu with 'None' selected.
- Description:** A text area for entering a short description.

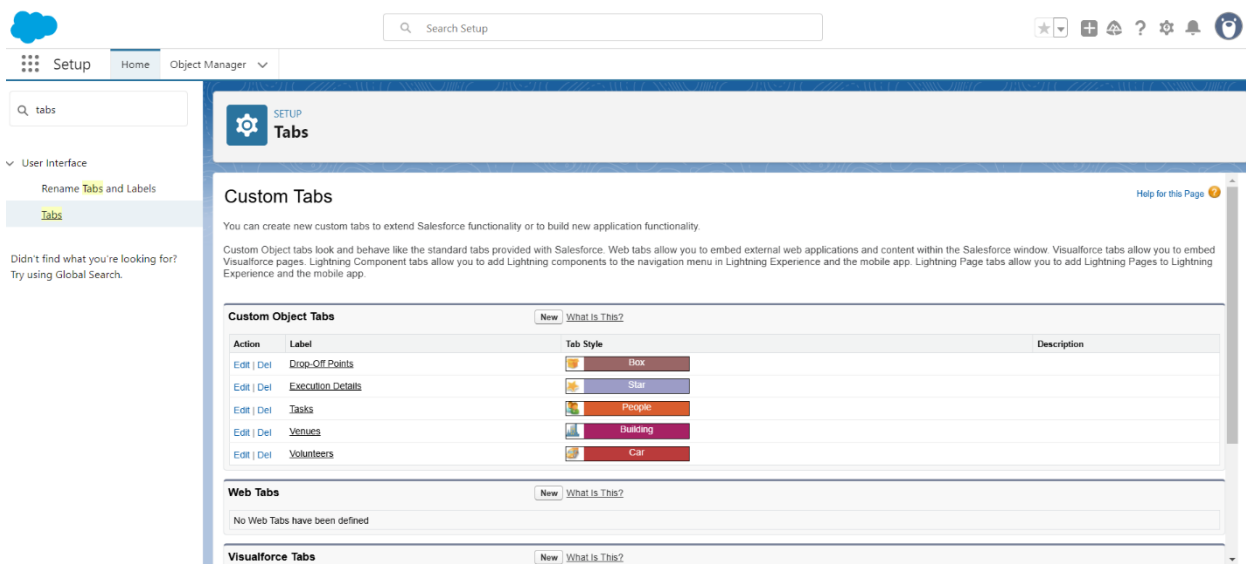
At the top right of the setup area, there is a 'Help for this Page' link. The bottom of the page shows a 'Save' button.

❖ Creating Remaining Tabs

- Now create the Tabs for the remaining Objects, they are “Drop-Off -Point, Task, Volunteer, Execution Details”.
- Follow the same steps as mentioned in the above.



- Tabs Created.



The Lightning App

- A Lightning app in Salesforce is a custom page or app that can be used to create, update, and access records in Salesforce.

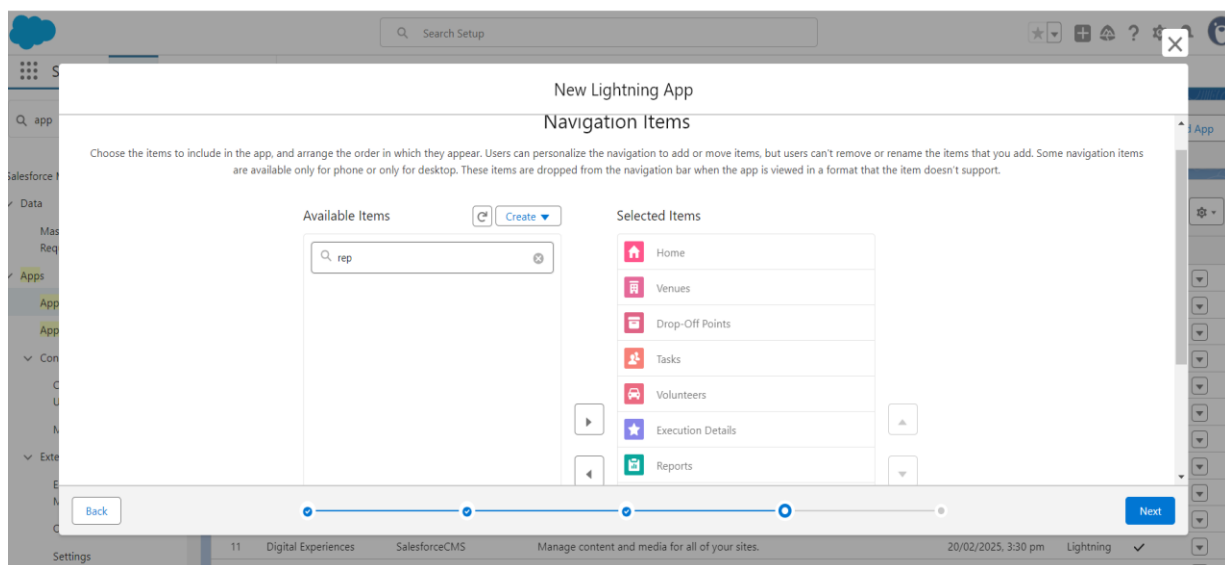
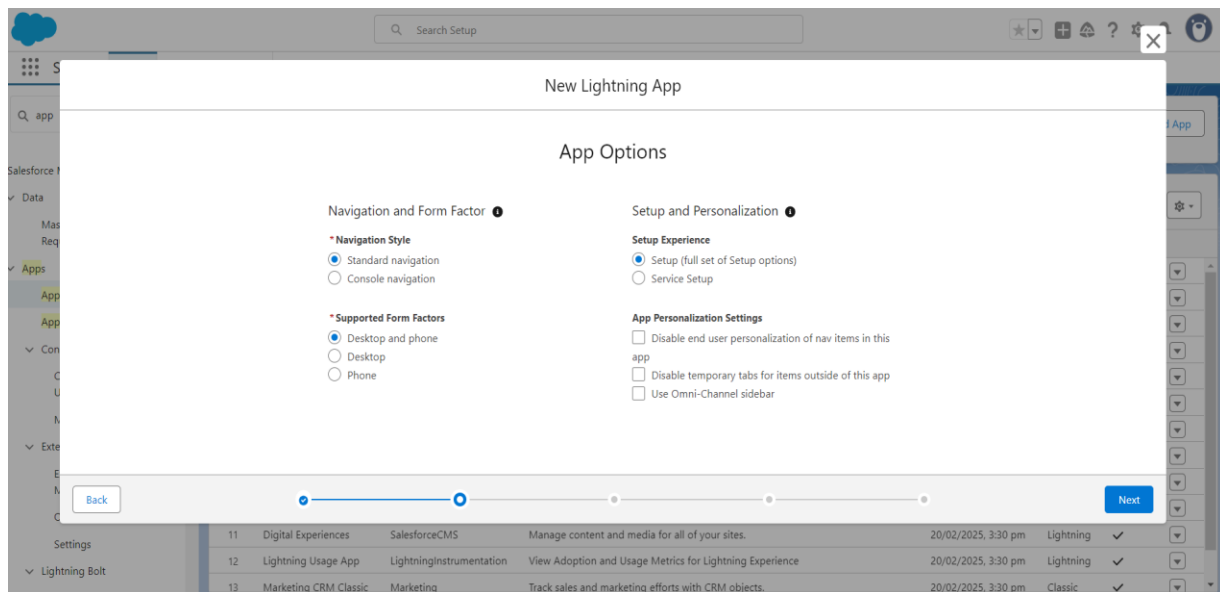
❖ Create a Lightning App

- To create a lightning app page:
- Go to setup page>search “app manager” in quick find>select it>click on New lightning App.
- Fill the app name in app details and branding as follow>App Name : FoodConnect, Developer Name : This will auto populated, Image : optional, Primary color hex value : keep this default.
- Then click Next >Set Navigation Style as Standard Navigation>Next.
- Utility Items keep it as default>Next.

The screenshot displays the Salesforce Lightning App Builder interface. The top navigation bar includes 'Lightning App Builder', 'App Settings', 'Pages', and 'FoodConnect'. The left sidebar shows 'App Settings' with 'App Details & Branding' selected. The main content area is titled 'App Details & Branding' and contains the following sections:

- App Details:**
 - * App Name: FoodConnect
 - * Developer Name: FoodConnect
 - Description: Enter a description...
- App Branding:**
 - Image: A placeholder image for the app.
 - Primary Color Hex Value: #0070D2
- Org Theme Options:**
 - ☐ Use the app's image and color instead of the org's custom theme
- App Launcher Preview:** A preview of the app launcher showing the 'FoodConnect' app icon and name.

- To Add Navigation Items:
- Search for the item in the Home, Venue, Drop-Off Point, Task, Volunteer, Execution Details, Reports from the search bar and move it using the arrow button>Next.
- To Add User Profiles
- Search profiles System administrator in the search bar>click on the arrow button>save & finish.



Fields

- A field in Salesforce is a column in an object that stores data. Fields are the basic unit of data storage in Salesforce.

❖ Creation of Relationship fields in objects

- Go to setup>click on Object Manager>type object name Volunteer in the search bar>click on the object.
- Now click on “Fields & Relationships”>New
- Select Master Detail relationship
- Select the related object “Drop-Off point” and click next.
- Field Name : Drop_Off_point
- Field label : Auto generated
- Next>Save.

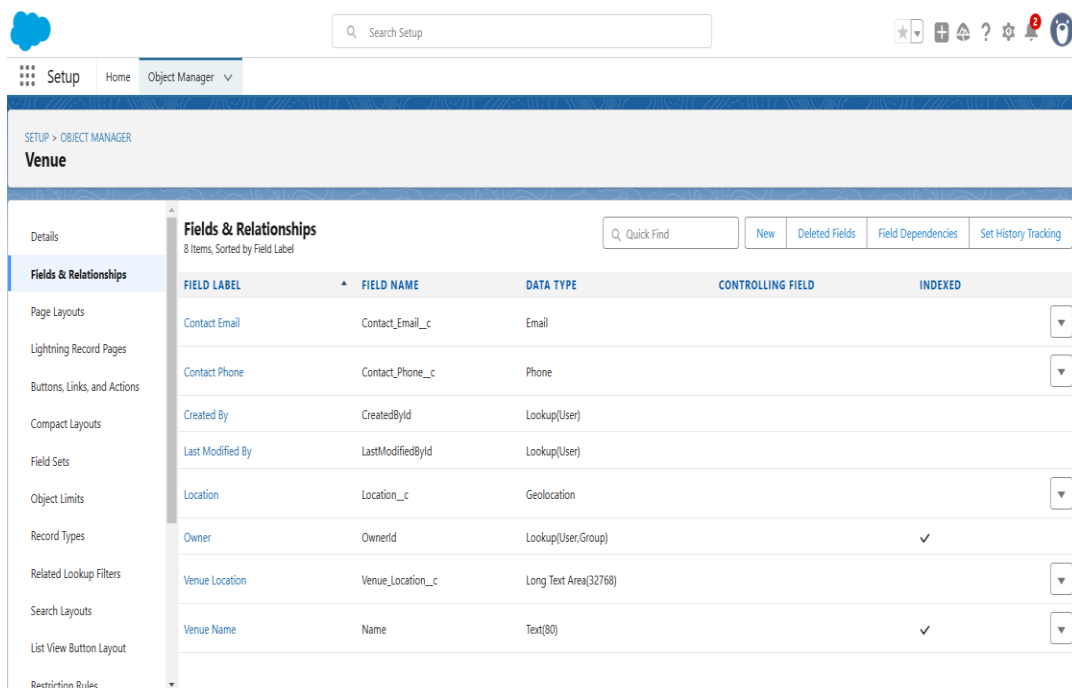
The screenshot shows the Salesforce Setup interface. The top navigation bar includes the Setup icon, a search bar labeled 'Search Setup', and various utility icons. The main navigation menu on the left lists: Setup, Home, and Object Manager (selected). Below this, the 'Volunteer' object is selected, and the 'Fields & Relationships' section is active. The 'New Custom Field' wizard is displayed, with 'Step 1. Choose the field type' highlighted. The wizard prompts the user to 'Specify the type of information that the custom field will contain.' Under the 'Data Type' section, the following options are listed:

- ☐ None Selected: Select one of the data types below.
- ☐ Auto Number: A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.
- ☐ Formula: A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.
- ☐ Roll-Up Summary: A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.
- ☐ Lookup Relationship: Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list.
- ☒ Master-Detail Relationship: Creates a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:
 - The relationship field is required on all detail records.
 - The ownership and sharing of a detail record are determined by the master record.
 - When a user deletes the master record, all detail records are deleted.
 - You can create roll-up summary fields on the master record to summarize the detail records.

The 'Next' button is visible at the bottom right of the wizard.

Creation of fields for the Venue object

- Go to setup>click on Object Manager>type object name **Venue** in search bar>click on the object.
- Now click on “Fields & Relationships”>New
- Select Data type as a “Email” and Click on Next
- Fill the Above as following:
- Field Label : Contact Email
- Field Name : Contact Email
- Click on required check box
- Click on Next>Next>Save and new.
- Similarly we have to create Contact Phone, Location, Venue Location, Venue Name



The screenshot shows the Salesforce Setup interface for the 'Venue' object. The 'Fields & Relationships' section is active, 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
Contact Email	Contact_Email_c	Email		<input type="checkbox"/>
Contact Phone	Contact_Phone_c	Phone		<input type="checkbox"/>
Created By	CreatedById	Lookup(User)		<input type="checkbox"/>
Last Modified By	LastModifiedById	Lookup(User)		<input type="checkbox"/>
Location	Location_c	Geolocation		<input type="checkbox"/>
Owner	OwnerId	Lookup(User,Group)		<input checked="" type="checkbox"/>
Venue Location	Venue_Location_c	Long Text Area(32768)		<input type="checkbox"/>
Venue Name	Name	Text(80)		<input checked="" type="checkbox"/>

Creation of fields for the Drop-Off point object

- Go to setup>click on Object Manager>type object name **Drop-Off point** in search bar>click on the object.
- Now click on “Fields & Relationships”>New
- Select Data type as a “Geolocation” and Click on Next
- Fill the Above as following:
- Field Label : Location 2
- Field Name : Location 2
- Description : Enter the Geolocation of the Drop off Point
- Geolocation Options : select Decimal
- Decimal Places : 4
- Click on Next>Save and new.
- Similarly we have to create distance_calculation, State, Distance.

The screenshot shows the Salesforce Setup interface. At the top, there's a search bar labeled "Search Setup". Below it, the navigation menu includes "Setup", "Home", and "Object Manager". The "Object Manager" section is expanded, showing "Drop-Off Point".

On the left sidebar, under "Details", the "Fields & Relationships" option is selected. The main content area displays a table titled "Fields & Relationships" with 9 items, sorted by Field Label. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

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		
Venue__c	Venue__c	Lookup(Venue)		✓

❖ Creation of fields for the Task object

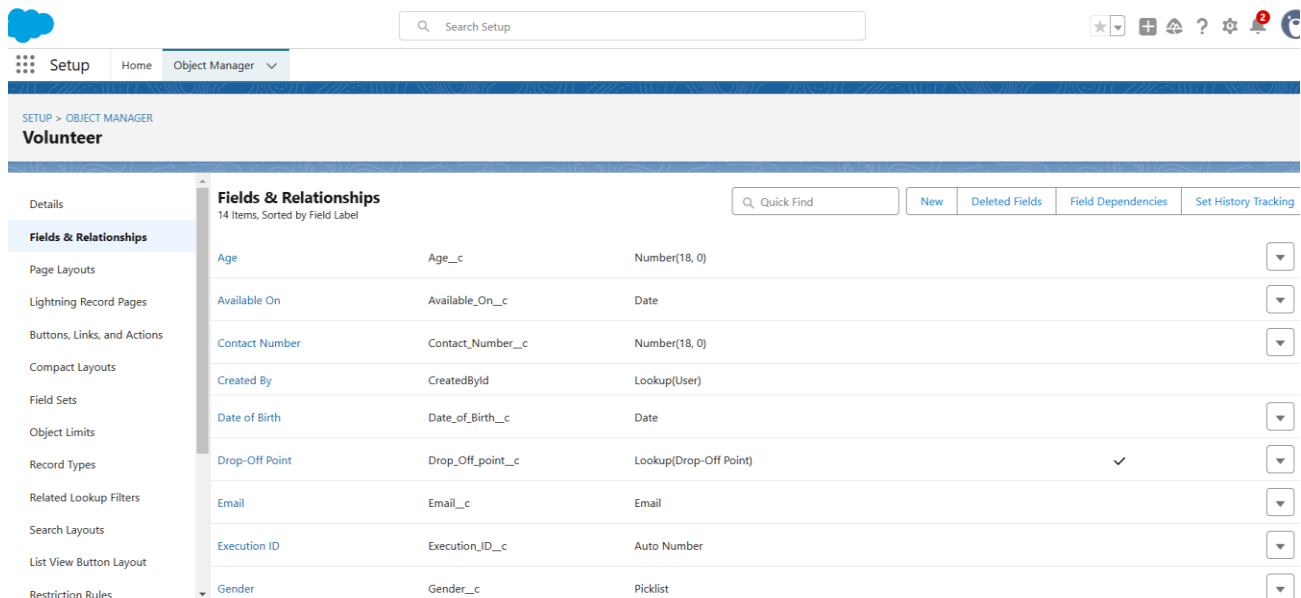
- Go to setup>click on Object Manager>type object name **Task** in search bar>click on the object.
- Now click on “Fields & Relationships”>New
- Select Data type as a “Auto Number” and Click on Next
- Fill the Above as following:
- Field Label : Task ID
- Display Format : TASK-{0}
- Starting Number : 1
- Field Name : gets auto generated
- Click on required check box
- Click on Next>Save and new.
- Similarly we have to create Date, Food Category, Number of People Served, Name of the Person, Phone, Rating, Feedback

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

Field Label	Field Name	Data Type
Food Category	Food_Category__c	Picklist (Multi-Select)
Last Modified By	LastModifiedById	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
Sponsored By	Sponsored_By__c	Lookup(Venue)
Task ID	Task_ID__c	Auto Number

❖ Creation of fields for the Volunteer object

- Go to setup>click on Object Manager>type object name **Volunteer** in search bar>click on the object.
- Now click on “Fields & Relationships”>New
- Select Data type as a “Auto Number” and Click on Next
- Fill the Above as following:
- Field Label : Volunteer ID
- Field Name : gets auto generated
- Click on required check box
- Click on Next>Save and new.
- Similarly we have to create Gender, Available On, Age, Email, Contact Number, Address, Date of Birth.



Setup > OBJECT MANAGER
Volunteer

Details

Fields & Relationships
14 Items, Sorted by Field Label

Quick Find: [] New Deleted Fields Field Dependencies Set History Tracking

Field Label	Field Name	Data Type	Required
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	Lookup(Drop-Off Point)	✓
Email	Email__c	Email	
Execution ID	Execution_ID__c	Auto Number	
Gender	Gender__c	Picklist	

Left sidebar menu:

- 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

❖ Creation of fields for the Execution Details object

- Go to setup>click on Object Manager>type object name **Volunteer** in search bar>click on the object.
- Now click on “Fields & Relationships”>New
- Select Data type as a “Auto Number” and Click on Next
- Fill the Above as following:
- Field Label : Execution ID
- Field Name : gets auto generated
- Click on required check box
- Click on Next>Save and new.

The screenshot shows the Salesforce Setup interface. The top navigation bar includes the Salesforce logo, a search bar labeled "Search Setup", and several utility icons. Below the navigation bar, the "Setup" menu is open, showing "Object Manager" as the selected option. The main content area is titled "Execution Detail" and displays the "Fields & Relationships" section for the "Execution Detail" object. The left sidebar lists various setup options, with "Fields & Relationships" currently selected. The main table lists five fields, sorted by Field Label. The fields are: "Created By" (Lookup(User)), "Execution Detail Name" (Text(80)), "Last Modified By" (Lookup(User)), "Task" (Master-Detail(Task)), and "Volunteer" (Master-Detail(Volunteer)). Each field row includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status.

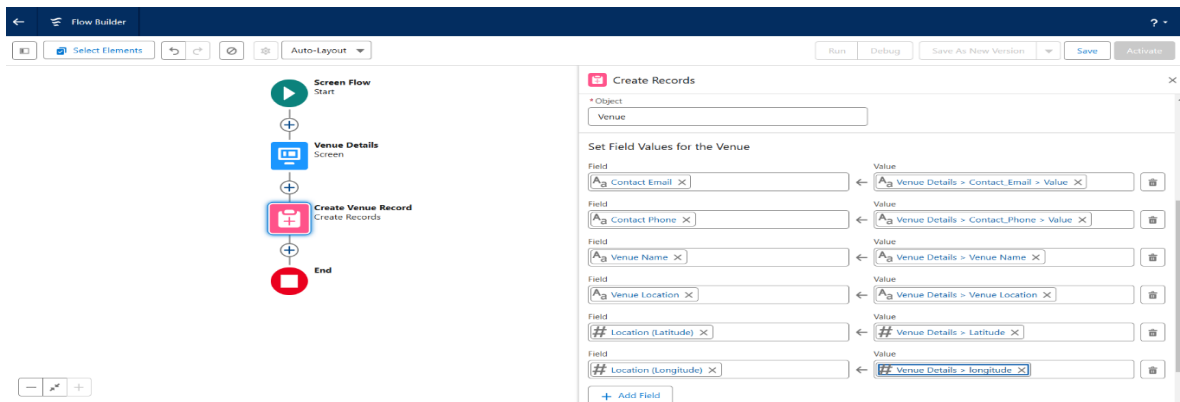
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Execution Detail Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Task	Task_c	Master-Detail(Task)		✓
Volunteer	Volunteer_c	Master-Detail(Volunteer)		✓

FLOW

- Salesforce Flows are automated business processes that collect data and perform actions

❖ Create Flow to create a record in Venue object

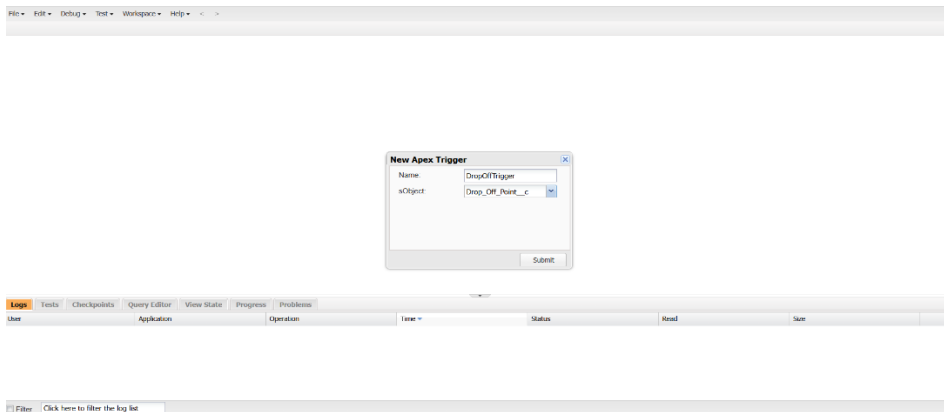
- Go to setup>type Flow in quick find box>Click on the Flow and Select the New Flow.
- Select the Screen flow. Click on create.
- Click on the '+' icon in between start and end, and click on screen element.
- Under the Screen Properties>Label : Venue Details> API Name : Venue_Details.
- Similarly we have to add Venue Name, Email, Phone, Venue Location, Latitude, longitude Components.
- Click on the '+' icon in between Venue details and end, and click on create record element.
- Label : Create Venue Record> API Name : Create_Venue_Record.
- Set Field Values for the Venue : Click on 'Add Field' 5 times
- Field:Value=Contact_Email__c:{!Contact_Email.value}>Contact_Phone__c: {!Contact_Phone.value}> Name : {!Venue_Name}> Venue_Location__c : {!location}> Location__Latitude__s : {!latitude}> Location__Longitude__s : {!longitude}.
- Click on Save as> Flow Label : Venue Form> Flow API Name : Venue_Form.



Trigger

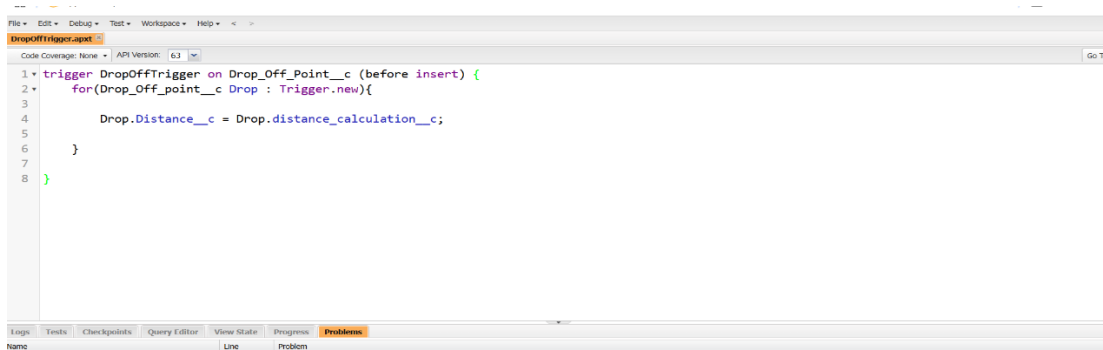
❖ Create a Trigger

- Click on the gear icon>then click on Developer Console
- File menu in the toolbar, and click on new>Trigger
- Enter Trigger Name as DropOffTrigger> sObject: Drop-Off Point>Click on Submit.



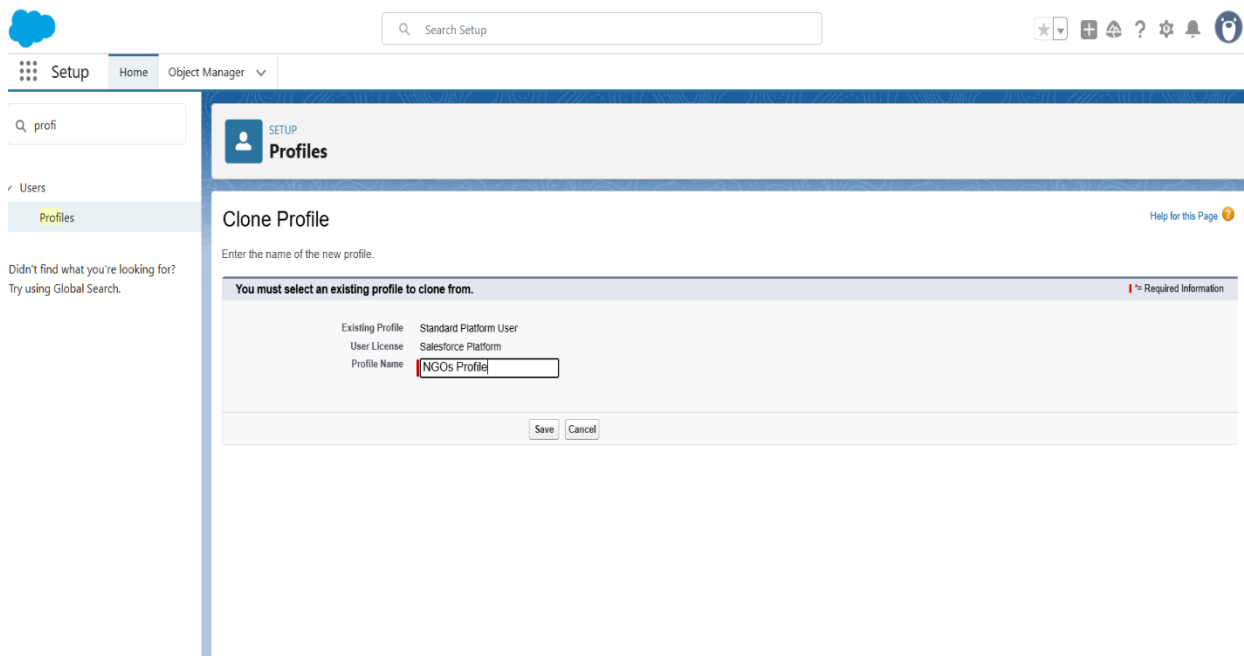
❖ Trigger Code

```
trigger DropOffTrigger on Drop_Off_point__c (before insert) {
    for(Drop_Off_point__c Drop : Trigger.new){
        Drop.Distance__c = Drop.distance_calculation__c;
    }
}
```



Profiles

- Go to setup page>type Profiles in Quick Find bar>click on **Profiles**>click on ‘S’
- Click on Clone beside Standard Platform User.
- Under Clone Profile:
- Profile Name : NGOs Profile
- Then click on Save



The screenshot shows the Salesforce Setup interface. The top navigation bar includes the Setup icon, a search bar labeled 'Search Setup', and various utility icons. The left sidebar shows the 'Setup' menu with 'Home' and 'Object Manager' options. The main content area is titled 'Clone Profile' and contains the following elements:

- A header bar with the 'SETUP Profiles' title.
- A prompt: 'Enter the name of the new profile.'
- A message: 'You must select an existing profile to clone from.' with a 'Required Information' indicator.
- A table of existing profiles:

Existing Profile	User License	Profile Name
Standard Platform User	Salesforce Platform	NGOs Profile
- 'Save' and 'Cancel' buttons at the bottom.

Creation of Users

- We consider as NGO'S

❖ Creation of User1

- Go to setup page>type users in Quick Find bar>click on users>New user
- First Name : Annamrita Foundation> Last Name : Annamrita_Foundation> Alias : aanna> Email : Give Your Email> Username : annamritafoundation@25.com> Nickname : Auto Populated> User License : Salesforce Platform> Profile : NGOs Profile> Active : Check
- Click on Save.

The screenshot shows the Salesforce Setup page with the 'Users' section selected. The 'New User' form is displayed for 'Annamrita Foundation'. The form includes fields for Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, Locale, Language, Delegated Approver, and Manager. The 'Role' is set to 'Salesforce Platform' and the 'Profile' is 'NGOs Profile'. The 'Active' checkbox is checked. The 'Access Mode' is set to 'Classic Only'.

❖ Creation of User2, User3

- Similarly we have to create User2 as Uday Foundation and User3 as Sevadeep Foundation.

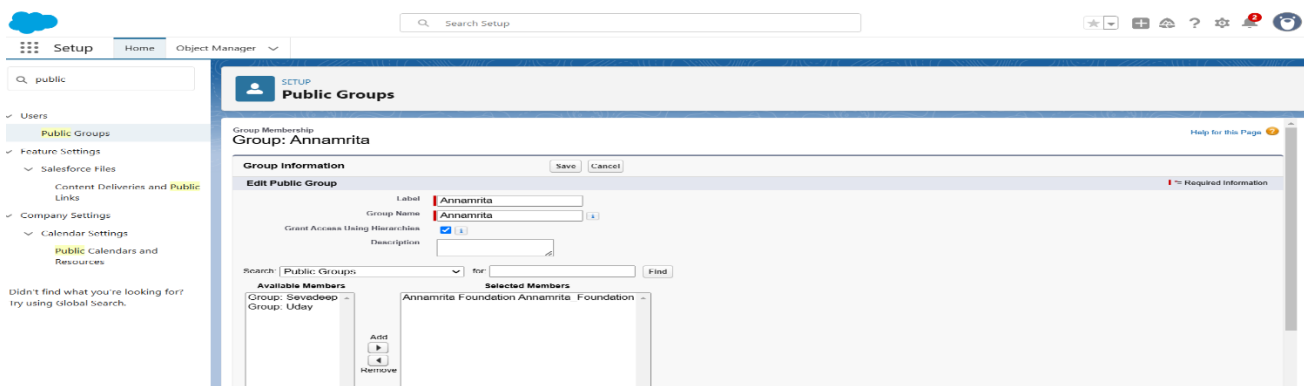
The screenshot shows the Salesforce Setup page with the 'Users' section selected. The 'All Users' list is displayed, showing a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table includes users for 'Annamrita Foundation', 'Uday Foundation', and 'Sevadeep Foundation'.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Annamrita Foundation, Annamrita Foundation	aanna	annamritafoundation@25.com	Salesforce Platform	✓	NGOs Profile
Edit	Uday Foundation, Uday Foundation	Uday	udayfoundation@25.com	Salesforce Platform	✓	NGOs Profile
Edit	Sevadeep Foundation, Sevadeep Foundation	Sevadeep	sevadeepfoundation@25.com	Salesforce Platform	✓	NGOs Profile
Edit	System Administrator	System Administrator	systemadministrator@25.com	System Administrator	✓	System Administrator
Edit	Analytics Cloud Integration User	Analytics Cloud Integration User	analyticscloudintegration@25.com	Analytics Cloud Integration User	✓	Analytics Cloud Integration User
Edit	Analytics Cloud Security User	Analytics Cloud Security User	analyticscloudsecurity@25.com	Analytics Cloud Security User	✓	Analytics Cloud Security User

Public Groups

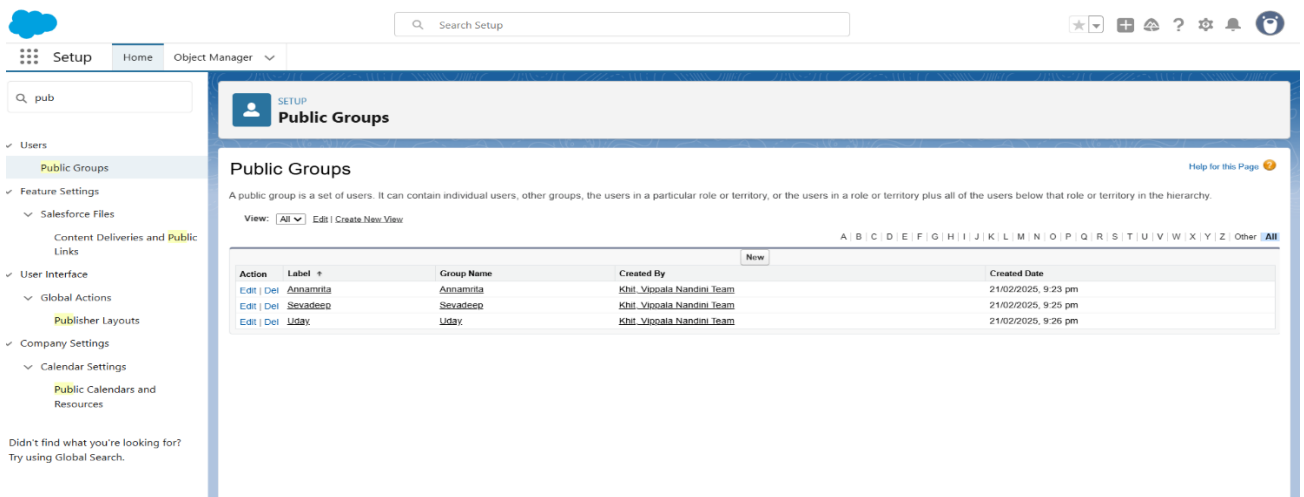
❖ Creation of Public Group 1

- Go to setup page>type Public Groups in Quick Find bar>click on **Public Groups**>click on New
- Under Group Information:
- Label : Annamrita> Group Name : Annamrita> Grant Access Using Hierarchies : Check
- In Search, Select Users.
- In Selected Members Add Annamrita Foundation and System Administrator.



❖ Creation of Public Group 2

- Similarly we have to create Public Group 2.



Report Types

❖ Creation of Report Types

- Go to setup page>type Report Types in Quick Find bar>click on **Report Types**>click on Continue>Click on New Custom Report Type.
- Primary Object : Select Venues>Report Type Label : Venue with DropOff with Volunteer> Report Type Name : Venue_with_DropOff_with_Volunteer> Description : Venue with DropOff with Volunteer> Store in Category : Select Other Reports> Deployment Status : Deployed> Click on Next> Near Click to relate another Object Select Drop-Off Points> And also select "A" records may or may not have related "B" records> Now again Near Click to relate another Object Select Volunteers
- Now click on Save.

The screenshot shows the Salesforce Setup page for creating a new Report Type. The page is titled "Select related objects to define which records are included in reports using this report type." The primary object is "Venues". Two related objects are shown: "Drop-Off Points" and "Volunteers".

A to B Relationship:

- ☐ Each "A" record must have at least one related "B" record.
- ☒ "A" records may or may not have related "B" records.

B to C Relationship:

- ☐ Each "B" record must have at least one related "C" record.
- ☒ "B" records may or may not have related "C" records.

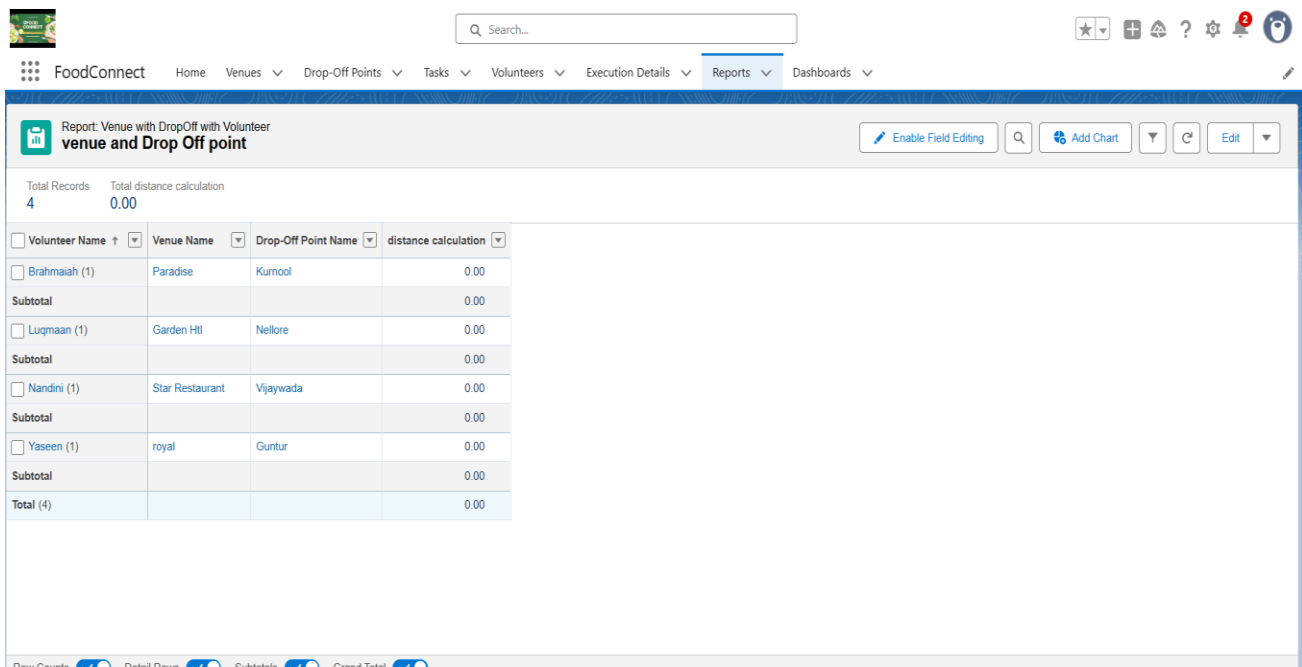
A Venn diagram on the right shows three overlapping circles labeled A, B, and C, representing the relationships between the three objects. Below the diagram is a table with columns A, B, and C, showing the intersection of the three objects.

Buttons at the bottom include "Previous", "Cancel", and "Save".

Reports

❖ Creation of Report on Venue with DropOff with Volunteer

- Go to the app **FoodConnect**>click on the **reports tab**>Click on New Folder.
- Folder Label : Custom Reports>Folder Unique Name : CustomReports>Open Custom Reports and click on New Report
- Select Report Type : Venue with DropOff with Volunteer>Then click on Start Report.
- In GROUP ROWS : Add Volunteer Name
- In Columns : Add Venue Name, Drop-Off point Name, Distance
- Now click on Save & Run.
- Give Label as>Report Name : venue and Drop Off point>Report Unique Name : Auto Populated >Click on Select Folder and select Custom Report
- click on Save.



Report: Venue with DropOff with Volunteer
venue and Drop Off point

Enable Field Editing

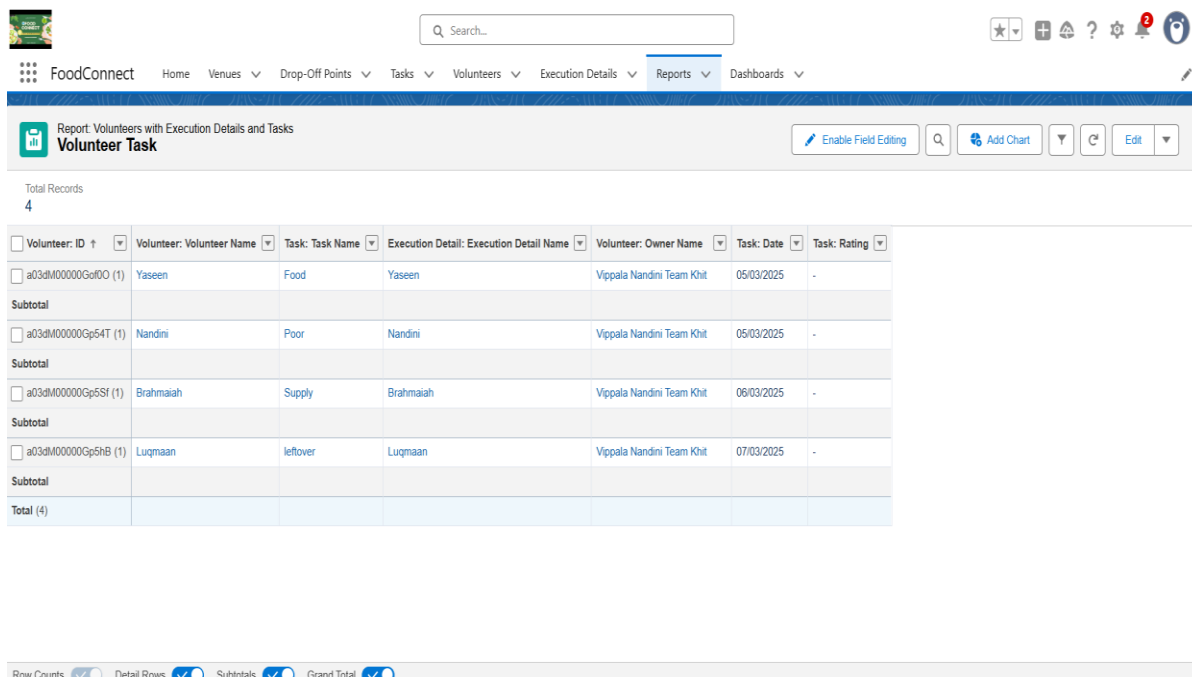
Total Records: 4, Total distance calculation: 0.00

Volunteer Name	Venue Name	Drop-Off Point Name	distance calculation
Brahmaiah (1)	Paradise	Kurnool	0.00
Subtotal			0.00
Luqmaan (1)	Garden Htl	Nellore	0.00
Subtotal			0.00
Nandini (1)	Star Restaurant	Vijaywada	0.00
Subtotal			0.00
Yaseen (1)	royal	Guntur	0.00
Subtotal			0.00
Total (4)			0.00

Row Counts: Detail Rows: Subtotals: Grand Total:

❖ Creation of Report on Volunteers with Execution Details and Tasks

- Go to the app FoodConnect > click on the **reports tab**> Click on Custom Reports Folder and click on New Report
- Select Report Type : Volunteers with Execution Details and Tasks> Start report
- In GROUP ROWS : Volunteer ID
- In Columns : Add Volunteer : Volunteer Name, Task : Task Name, Execution Detail : Execution Detail Name, Volunteer: Owner Name, Task: Date, Task : Rating
- Now click on Save & Run
- Give Label as> Report Name : Volunteer Task> Report Unique Name : Auto Populated> Click on Select Folder and select Custom Report
- Click on Save.



The screenshot shows the FoodConnect app interface. At the top, there's a search bar and navigation icons. Below the navigation bar, the 'Reports' tab is selected. The report title is 'Volunteer Task'. The table displays 4 records with columns for Volunteer ID, Volunteer Name, Task Name, Execution Detail Name, Owner Name, Date, and Rating. The data is grouped by Volunteer ID, with subtotals for each group. The bottom of the screen shows row counts for Detail Rows, Subtotals, and Grand Total.

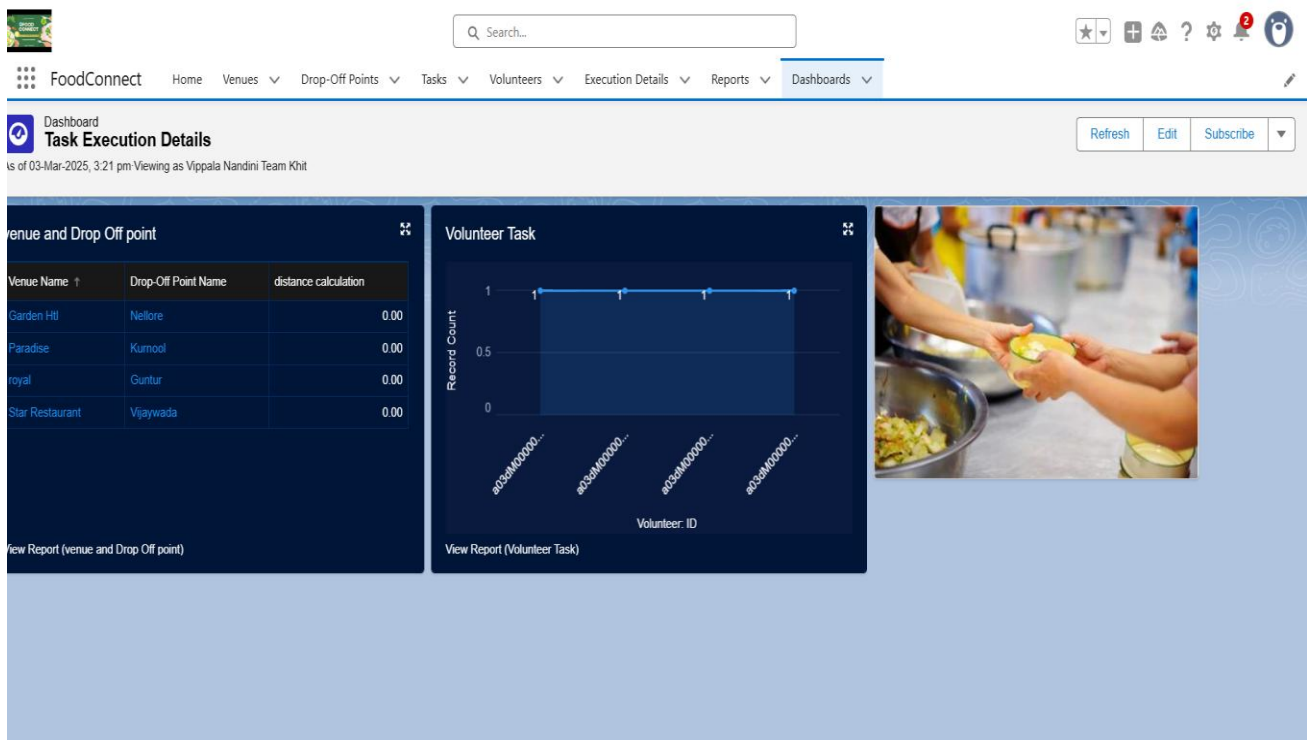
Volunteer: ID	Volunteer: Volunteer Name	Task: Task Name	Execution Detail: Execution Detail Name	Volunteer: Owner Name	Task: Date	Task: Rating
a03dM00000GdIO (1)	Yaseen	Food	Yaseen	Vippala Nandini Team Khit	05/03/2025	-
Subtotal						
a03dM00000Gp54T (1)	Nandini	Poor	Nandini	Vippala Nandini Team Khit	05/03/2025	-
Subtotal						
a03dM00000Gp5SF (1)	Brahmaiah	Supply	Brahmaiah	Vippala Nandini Team Khit	06/03/2025	-
Subtotal						
a03dM00000Gp5HB (1)	Lugmaan	leftover	Lugmaan	Vippala Nandini Team Khit	07/03/2025	-
Subtotal						
Total (4)						

Row Counts: Detail Rows, Subtotals, Grand Total

Dashboards

❖ Adding Venue, Drop_of_Point, Volunteer Reports and Picture on Dashboard

- Go to the app **FoodConnect**>click on the **Dashboards**>New Folder as Label Name: Custom Dashboards>Unique Name: Auto Populated>New Dashboard click on Widget>Select required Report>Add required Component display and theme
- Click on Save.
- Similarly we can add picture in dashboards.



Sharing Rules

❖ Creation of sharing rules

- Go to setup>type Sharing Settings in quick find box>Click on the Sharing Settings
- Select Drop of Point Name it as Label: Rule1>Rule Name: Rule_1>Based on criteria we have to select Field: Operator: Value = Distance: less than: 15>Near share with as Public groups: Annamrita
- Click on save.
- Similarly we have to create Rule2 as Public group name Sevadeep and Rule3 as Public group name Uday.

Setup Home Object Manager

Search Setup

sharing

Security

Guest User Sharing Rule Access Report

Sharing Settings

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

Sharing Settings

No sharing rules specified.

Work Type Group Sharing Rules

No sharing rules specified.

Drop-Off Point Sharing Rules

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

Task Sharing Rules

No sharing rules specified.

Venue Sharing Rules

No sharing rules specified.

Volunteer Sharing Rules

No sharing rules specified.

Testing and Validation

Home Page

- Edit Home Page as Label as **HOME** and drag the components flow and name as Venue Flow and Dashboards .
- Click Save and Activation
- Add FoodConnect app and then save.
- The Home Page which we need to Validate is Displayed.

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

Dashboard
Task Execution Details
 As of 03-Mar-2025, 3:21 pm Viewing as Vippala Nandini Team Khit

venue and Drop Off point

Venue Na...	Drop-Off Point ...	distance calcul...
Garden Htl	Nellore	0.00
Paradise	Kurnool	0.00
royal	Guntur	0.00
Star Restaurant	Vijaywada	0.00

View Report (venue and Drop Off point)

Volunteer Task

Record Count

1
0.5
0

Volunteer: ID

View Report (Volunteer Task)

Venue Form

Venue Name

Email

Phone

Venue Location

Latitude

Longitude

Next

Conclusion

The **"To Supply Leftover Food to the Poor"** project has been a meaningful initiative aimed at reducing food waste while addressing hunger in our communities. By collaborating with restaurants, hotels, and event organizers, we have successfully collected surplus food and redistributed it to those in need.

This project has not only provided nourishment to underprivileged individuals but has also promoted social responsibility and environmental sustainability. Through effective planning, coordination, and awareness campaigns, we have encouraged people to contribute to this cause, fostering a culture of compassion and waste reduction.

Moving forward, we aim to expand the reach of this initiative by involving more stakeholders and improving logistics for efficient food distribution. With continued community support and dedication, this project has the potential to make a long-term impact in alleviating hunger and ensuring that no edible food goes to waste.