

TO SUPPLY LEFTOVER FOOD TO POOR

College Name: Vidyasagar college of arts and science, udumalpet

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1. INTRODUCTION

1.1 Project Overview

Utilizing salesforce, our project streamlines surplus food collection and distribution to the needy, ensuring efficiency and transparency



1. Purpose

The purpose of this project is to utilize Salesforce to create a system that connects restaurants, hotels, and individuals with surplus food to poor and needy people. By streamlining the process of collecting, tracking, and distributing leftover food, the project aims to reduce food wastage and ensure that nutritious meals reach those who need them most.

DEVELOPMENT PHASE

Creating Developer Account:

By using this URL – <https://www.salesforce.com/form/developer-signup/sd=pb>

- Created objects: Drop off point, Execution detail, volunteer, Task

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Drop_Off Point	Drop_Off_Point__c	Custom Object		06/09/2025	✓
Execution Details	Execution_Detail__c	Custom Object		30/08/2025	✓
Volunteer	Volunteer__c	Custom Object		30/08/2025	✓
Task	Task__c	Custom Object		30/08/2025	✓
Venue	Venue__c	Custom Object		30/08/2025	✓
Track List	Track_List__c	Custom Object		16/08/2025	✓

Configured fields and relationships

The screenshot shows the Salesforce Setup interface under the Object Manager. A custom field named 'Distance' has been created for the 'Drop_Off Point' object. The field is of type Number and is labeled 'Distance'. It has an API name of 'Distance__c'. The field is indexed and part of a Master-Detail relationship with the 'Task' object.

Field Label	Field Name	Data Type	Object Name	Where is this used?
Distance	Distance__c	Number	Drop_Off Point	

The screenshot shows the Salesforce Setup interface under the Object Manager. Fields have been configured for the 'Execution Details' object. The fields include 'Created By', 'Execution Detail Name', 'Last Modified By', 'Task', and 'Volunteer'. The 'Task' field is a Master-Detail relationship with the 'Task' object, and the 'Volunteer' field is a Master-Detail relationship with the 'Volunteer' object.

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)		✓

SETUP > OBJECT MANAGER					
Volunteer					
Details	Fields & Relationships				
	13 Items, Sorted by Field Label	Quick Find		New	Deleted Fields
Fields & Relationships	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Address	Address__c	Long Text Area(32768)		
Lightning Record Pages	Age	Age__c	Number(18, 0)		
Buttons, Links, and Actions	Available On	Available_On__c	Date		
Compact Layouts	Contact Number	Contact_Number__c	Number(18, 0)		
Field Sets	Created By	CreatedBy	Lookup(User)		
Object Limits					
Record Types					

SETUP > OBJECT MANAGER																															
Task																															
Details	Fields & Relationships																														
Page Layouts	14 Items. Sorted by Field Label																														
Lightning Record Pages																															
Buttons, Links, and Actions																															
Compact Layouts																															
Field Sets																															
Object Limits																															
	<div style="display: flex; justify-content: space-between;"> Quick Find New Deleted Fields Field Dependencies Set History Tracking </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FIELD LABEL</th> <th style="text-align: left;">FIELD NAME</th> <th style="text-align: left;">DATA TYPE</th> <th style="text-align: left;">CONTROLLING FIELD</th> <th style="text-align: left;">INDEXED</th> </tr> </thead> <tbody> <tr> <td>Created By</td> <td>CreatedById</td> <td>Lookup(User)</td> <td></td> <td></td> </tr> <tr> <td>Date</td> <td>Date_c</td> <td>Date</td> <td></td> <td></td> </tr> <tr> <td>Drop_Off Point</td> <td>Drop_Off_Point__c</td> <td>Lookup(Drop_Off Point)</td> <td></td> <td></td> </tr> <tr> <td>Feedback</td> <td>Feedback__c</td> <td>Long Text Area(32768)</td> <td></td> <td></td> </tr> <tr> <td>Food Categories</td> <td>Food_Categories__c</td> <td>LookupList (List-Of-ColorSets)</td> <td></td> <td></td> </tr> </tbody> </table>	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED	Created By	CreatedById	Lookup(User)			Date	Date_c	Date			Drop_Off Point	Drop_Off_Point__c	Lookup(Drop_Off Point)			Feedback	Feedback__c	Long Text Area(32768)			Food Categories	Food_Categories__c	LookupList (List-Of-ColorSets)		
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED																											
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Feedback	Feedback__c	Long Text Area(32768)																													
Food Categories	Food_Categories__c	LookupList (List-Of-ColorSets)																													

SETUP > OBJECT MANAGER

Venue

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Fields & Relationships

8 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Email	Contact_Email_c	Email		
Contact Phone	Contact_Phone_c	Phone		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location_c	Geolocation		
Owner	OwnerId	Lookup(User,Group)		

Creating tabs

SETUP

Tabs

Custom Object Tabs

Action	Label	Tab Style	Description
Edit Del	Albums	CD/DVD	
Edit Del	Artiste	Dollar	
Edit Del	Drop_Off points	Desk	
Edit Del	Execution_Details	Car	
Edit Del	Set93	Microphone	
Edit Del	Tasks	Computer	
Edit Del	Venues	Alarm clock	
Edit Del	Volunteers	Laptop	

The screenshot shows the Salesforce Setup interface. On the left, there is a sidebar with a search bar at the top, followed by sections for Feature Settings, Analytics (Tableau, Tableau Embedding, Tableau UAF Claims Definition), User Interface (Console Settings, Loaded Console Tab Limit, Rename Tabs and Labels), and Tabs. The 'Tabs' section is currently selected. In the main content area, a modal window titled 'Custom Tab Definition Edit' is open. It displays 'Custom Object Tab Information' with the Tab Label set to 'Drop_Off points', Object to 'Drop_Off Point', and Tab Style to 'Desk'. Below this, there is a note about choosing a splash page and a text input field for a short description.

This screenshot is similar to the one above, showing the Salesforce Setup interface. The sidebar and the 'Tabs' section in the main content area are identical. However, the modal window in the center is titled 'Edit Custom Object Tab' and 'Execution Details'. It also displays 'Custom Object Tab Information' with the Tab Label set to 'Execution Details', Object to 'Execution Details', and Tab Style to 'Car'. The other fields and notes are identical to the first screenshot.

dd100000a1vpuam-dev-ed.lightning.force.com/lightning/setup/CustomTabs/page?address=%2F01rdl00000q0vTN%2Fe%3FretURL%3D%252Fsetup%252Fu%252Fc...

Google Chrome isn't your default browser Set as default

Cloud Search Search Setup

Setup Home Object Manager

Q_ tab

SETUP Tabs

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.

Edit Custom Object Tab
Tasks

Fill in the fields below to define the custom tab.

Custom Tab Definition Edit

Custom Object Tab Information

Tab Label	Tasks
Object	Task
Tab Style	Computer

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link: None

Enter a short description.

Description

dd100000a1vpuam-dev-ed.lightning.force.com/lightning/setup/CustomTabs/page?address=%2F01rdl00000q0vU5%2Fe%3FretURL%3D%252Fsetup%252Fu%252Fc...

Google Chrome isn't your default browser Set as default

Cloud Search Search Setup

Setup Home Object Manager

Q_ tab

SETUP Tabs

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.

Edit Custom Object Tab
Venues

Fill in the fields below to define the custom tab.

Custom Tab Definition Edit

Custom Object Tab Information

Tab Label	Venues
Object	Venue
Tab Style	Alarm clock

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link: None

Enter a short description.

Description

The screenshot shows the Salesforce Setup interface with the URL dd00000a.alvpum-dev-ed.lightning.force.com/lightning/setup/CustomTabs/page?address=%2F01rdl00000q0vbR%2Fe%3FretURL%3D%252Fsetup%252Fu%252Fc.... The page title is "Edit Custom Object Tab: Volunteers". The left sidebar is titled "Setup" and includes sections for Analytics, Tableau, User Interface, and Tabs. The "Tabs" section is currently selected. The main content area shows the "Custom Tab Definition Edit" for the "Volunteers" tab. It includes fields for "Tab Label" (Volunteers), "Object" (Volunteer), "Tab Style" (Laptop), and an optional "Splash Page Custom Link" set to "None". A "Description" field is also present.

Creating a lightning app

The screenshot shows the Lightning App Builder interface with the URL dd00000a.alvpum-dev-ed.lightning.force.com/lightning/cmp/cmpLightningAppBuilder. The page title is "FoodConnect". The left sidebar is titled "App Settings" and includes sections for App Options, Utility Items (Desktop Only), Navigation Items, and User Profiles. The "App Details & Branding" section is currently selected. The main content area shows the "App Details & Branding" configuration. It includes fields for "App Name" (FoodConnect), "Developer Name" (FoodConnect), "Image" (a placeholder box with an "Upload" button), "Primary Color Hex Value" (#0070D2), and a "Description" field (Enter a description...). Below these, there is an "Org Theme Options" section with a checkbox for "Use the app's image and color instead of the org's custom theme". At the bottom, there is an "App Launcher Preview" section showing a blue icon with the letter "F" and the text "FoodConnect".

Creating of relationships fields in object

The screenshot shows the Salesforce Setup interface under the 'Object Manager'. A custom field named 'Drop_Off Point' has been created for the 'Volunteer' object. The field is of type 'Master-Detail' and is associated with the 'Volunteer' object. The 'Field Label' is 'Drop_Off Point' and the 'Field Name' is 'Drop_Off_Point'. The 'API Name' is 'Drop_Off_Point__c'. The 'Data Type' is 'Email'. The 'Object Name' is 'Volunteer'. The 'Data Type' is 'Master-Detail'. The 'Field Information' section includes fields for 'Description', 'Help Text', 'Data Owner', 'Field Usage', 'Data Sensitivity Level', and 'Compliance Categorization'. The 'Custom Field Definition Detail' section includes tabs for 'Edit', 'Set Field-Level Security', 'View Field Accessibility', and 'Where is this used?'. The 'Validation Rules' section is also visible.

Creating of fields for the venue objects

The screenshot shows the Salesforce Setup interface under the 'Object Manager'. A custom field named 'Contact Email' has been created for the 'Venue' object. The field is of type 'Email' and is associated with the 'Venue' object. The 'Field Label' is 'Contact Email' and the 'Field Name' is 'Contact_Email'. The 'API Name' is 'Contact_Email__c'. The 'Data Type' is 'Email'. The 'Object Name' is 'Venue'. The 'Data Type' is 'Email'. The 'Field Information' section includes fields for 'Description', 'Help Text', 'Data Owner', 'Field Usage', 'Data Sensitivity Level', and 'Compliance Categorization'. The 'Custom Field Definition Detail' section includes tabs for 'Edit', 'Set Field-Level Security', 'View Field Accessibility', and 'Where is this used?'. The 'Validation Rules' section is also visible.

Creating of fields for the drop off point object

The screenshot shows the Salesforce Setup interface under the Object Manager section for the 'Drop_Off Point' object. A custom field named 'Distance' is being defined. The 'Field & Relationships' tab is selected. The 'Custom Field Definition Detail' section shows the following details:

Field Information	Object Name	Data Type
Field Label: Distance	Drop_Off Point	Number
Field Name: Distance		
API Name: Distance__c		

Other tabs available include 'Validation Rules', 'Edit', 'Set Field-Level Security', 'View Field Accessibility', and 'Where is this used?'. The page also includes sections for 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', and 'Record Types'. The status bar at the bottom indicates the record was created by 'EDUCATION MATTERS' on 06/09/2025, 10:18 pm.

- Creating of fields for the task object

The screenshot shows the Salesforce Setup interface under the Object Manager section for the 'Task' object. A custom field named 'Date' is being defined. The 'Fields & Relationships' tab is selected. The 'Custom Field Definition Detail' section shows the following details:

Field Information	Object Name	Data Type
Field Label: Date	Task	Date
Field Name: Date		
API Name: Date__c		

Other tabs available include 'Validation Rules', 'Edit', 'Set Field-Level Security', 'View Field Accessibility', and 'Where is this used?'. The page also includes sections for 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', and 'Record Types'. The status bar at the bottom indicates the record was created by 'EDUCATION MATTERS' on 07/09/2025, 11:46 am.

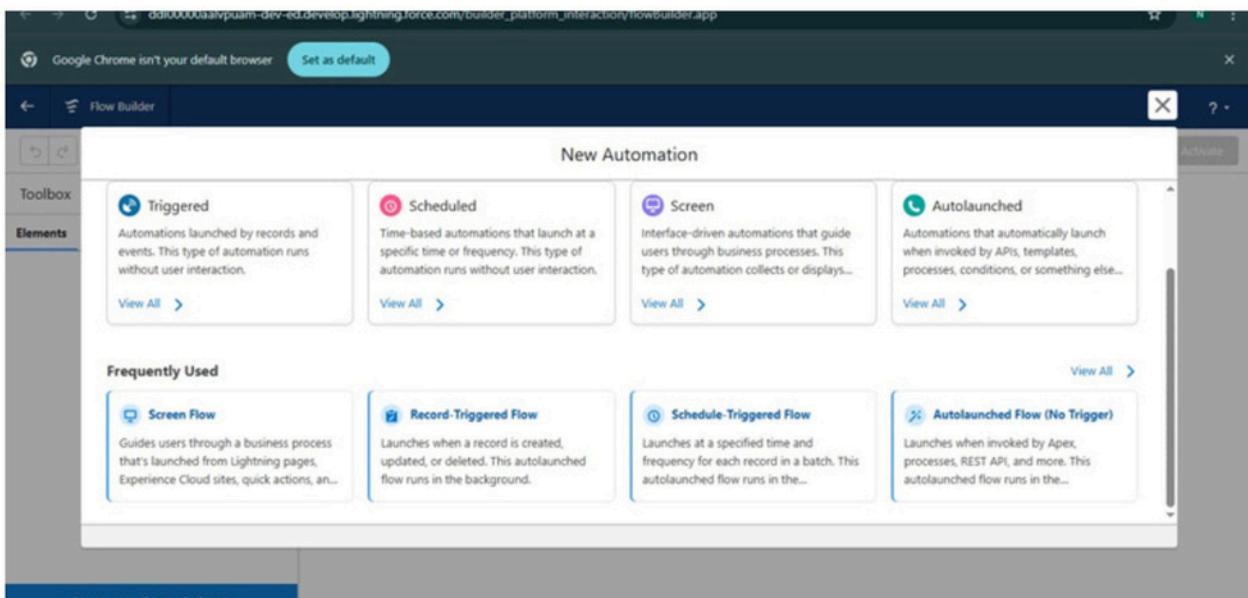
- Creating fields for the volunteer object

The screenshot shows the Salesforce Setup interface under the Object Manager. A custom field named "Volunteer ID" is being created for the "Volunteer" object. The field is defined as an Auto Number type with the API name "Volunteer__ID__c". It has a label "Volunteer ID" and a field name "Volunteer__ID". The field is owned by "EDUCATION MATTERS" and was created on 07/09/2025 at 12:10 pm. The modification history shows it was last modified by "EDUCATION MATTERS" on the same date and time.

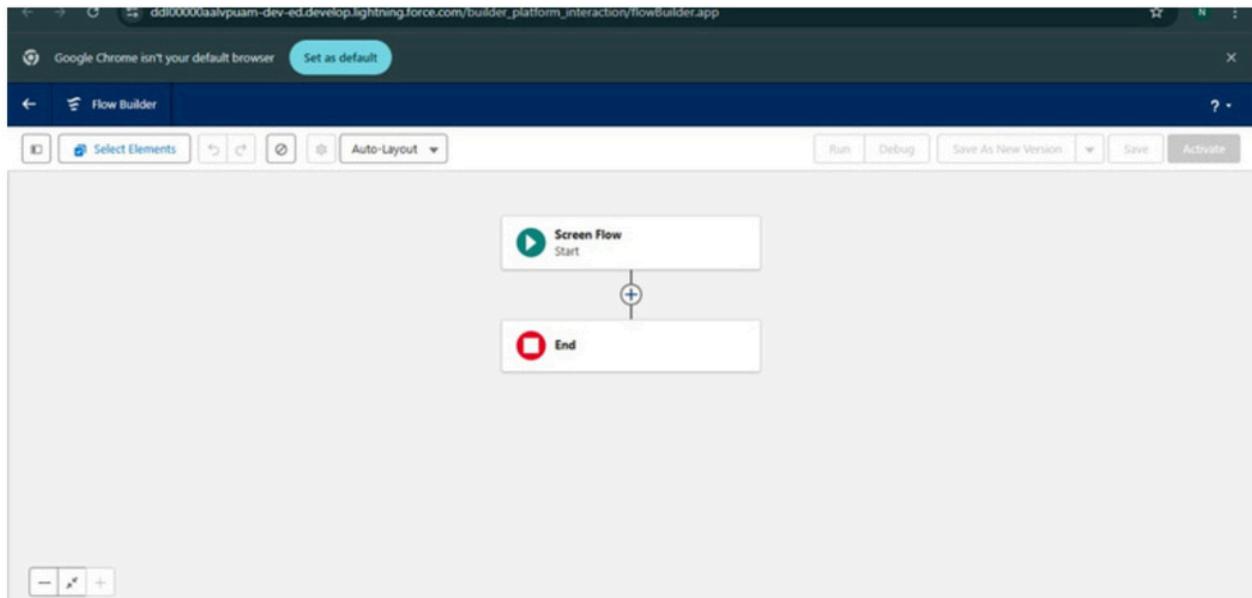
Creating fields for the execution details object

The screenshot shows the Salesforce Setup interface under the Object Manager. A custom field named "Execution ID" is being created for the "Volunteer" object. The field is defined as an Auto Number type with the API name "Execution__ID__c". It has a label "Execution ID" and a field name "Execution__ID". The field is owned by "EDUCATION MATTERS" and was created on 07/09/2025 at 12:20 pm. The modification history shows it was last modified by "EDUCATION MATTERS" on the same date and time.

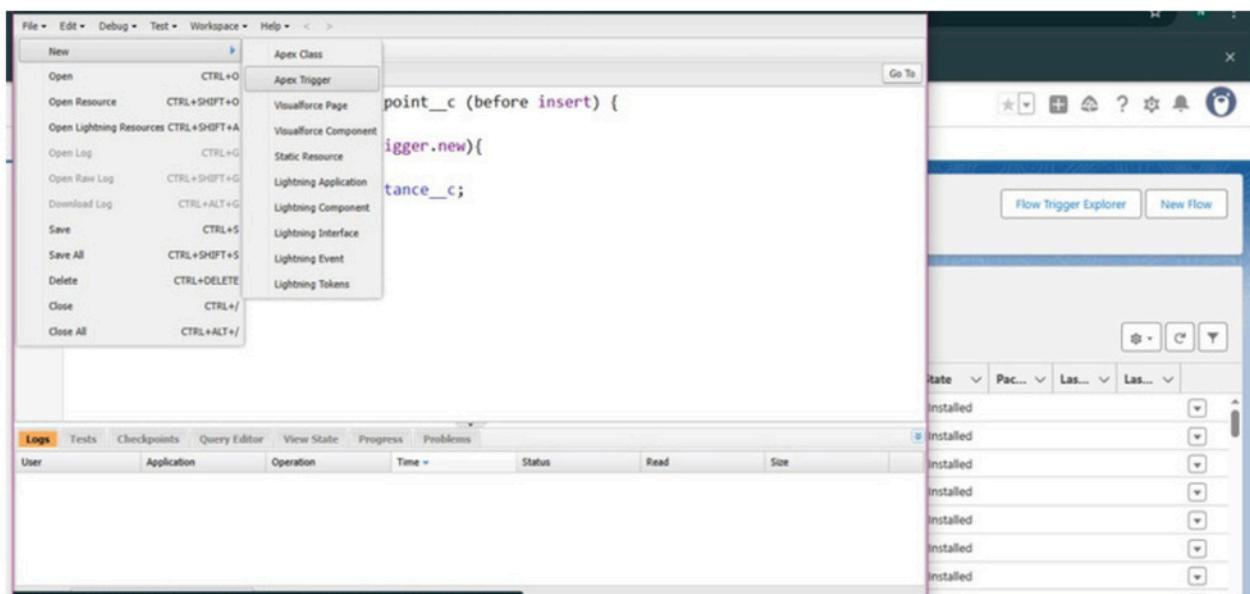
Flows



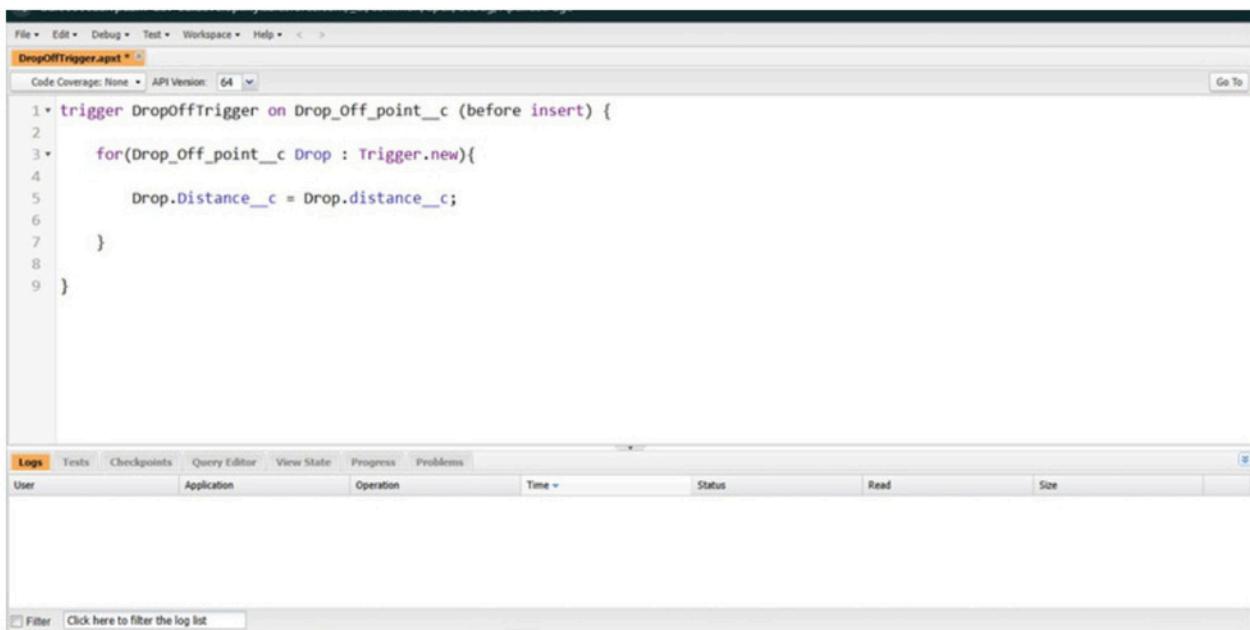
Creating a record in venue object



Creating a apex trigger



Create a trigger code



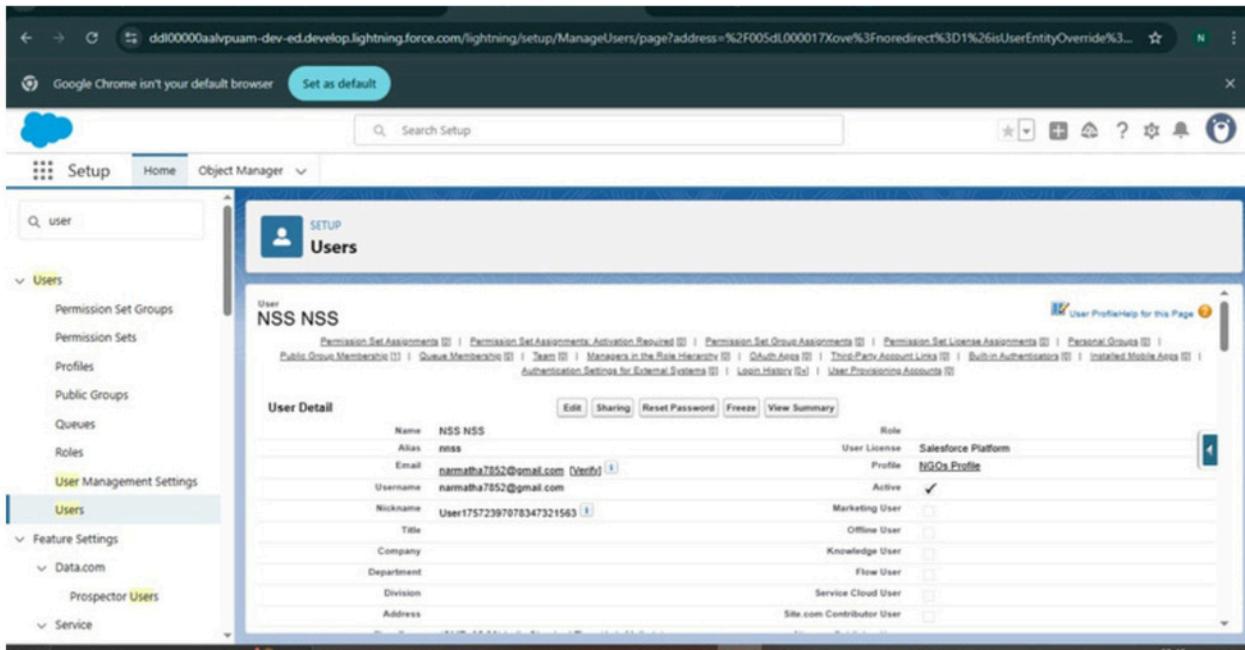
Create a profile

The screenshot shows the Salesforce Setup interface. On the left, the navigation bar includes 'Setup', 'Home', and 'Object Manager'. A search bar at the top right says 'Search Setup'. The main content area is titled 'Profiles' under 'SETUP'. It shows a 'Profile Edit' section for a 'Standard Platform User'. The profile name is 'Standard Platform User' and the user license is 'Salesforce Platform'. Under 'Custom App Settings', there are two sections: 'Analytics Studio (standard__Insights)' and 'FoodConnect (FoodConnect)'. Both have 'Visible' and 'Default' checkboxes. The 'FoodConnect' row has its 'Default' checkbox checked. To the right, there are sections for 'Platform (standard__Platform)', 'WDC (standard__Work)', and 'World Tour Manager (World_Tour_Manager)'. The 'WDC' section has its 'Default' checkbox checked. At the bottom, there are tabs for 'Service Provider Access' and 'Help for this Page'.

Creation of user

The screenshot shows the Salesforce Setup interface. On the left, the navigation bar includes 'Setup', 'Home', and 'Object Manager'. A search bar at the top right says 'Search Setup'. The main content area is titled 'Users' under 'SETUP'. It shows a 'User' record for 'Iksha Foundation Iksha_Foundation'. The user's name is 'Iksha Foundation Iksha_Foundation', alias is 'ikshah', email is 'namatha7852@gmail.com', and the user ID is 'namatha78552@gmail.com'. The nickname is 'User17572387911627350057'. The role is 'Marketing User', user license is 'Salesforce Platform', and profile is 'NGOs Profile'. The 'Active' checkbox is checked. There are tabs for 'Permission Set Assignments', 'Edit Assignments', and 'Permission Set Assignments Help'. Below the user details, there are fields for 'Name', 'Alias', 'Email', 'Username', 'Nickname', 'Title', 'Company', 'Department', 'Division', and 'Address'. The URL at the bottom of the page is: <https://dd00000aa1vpum-dev-ed.develop.my.salesforce.com/005dL000017XWtp?noredirect=1&isUserEntityOverride=1&appLayout=setup&tour=&isIframe=1&sfdcFrameOrigin=https://dd00000aa1vpum-dev-ed.develop.lightning.force.com&fcl...>

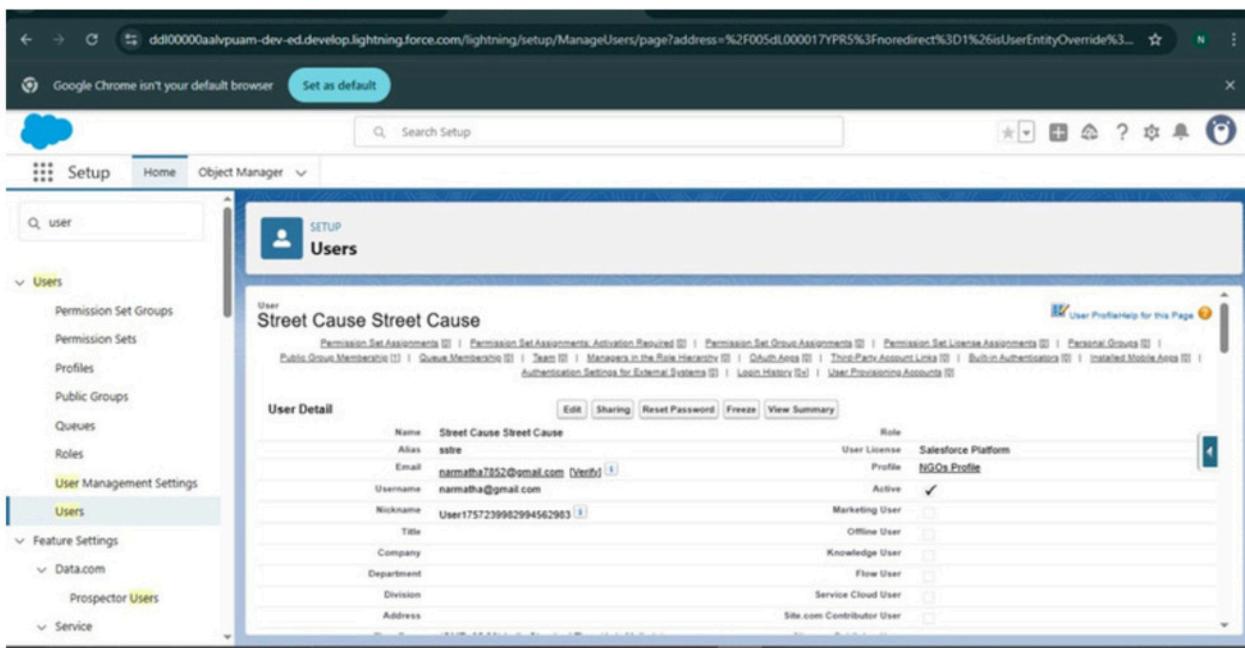
Creation of user ↴



The screenshot shows the Salesforce Setup interface under the 'Users' section. A new user record is being created for 'NSS NSS'. The 'User Detail' section displays the following information:

Name	NSS NSS	Role	Salesforce Platform
Alias	nsns	User License	NGO Profile
Email	narmatha7852@gmail.com (Verified)	Profile	Active ✓
Username	narmatha7852@gmail.com	Marketing User	
Nickname	User17572397078347321563	Offline User	
Title		Knowledge User	
Company		Flow User	
Department		Service Cloud User	
Division		Site.com Contributor User	
Address			

Creation of user ↴



The screenshot shows the Salesforce Setup interface under the 'Users' section. A new user record is being created for 'Street Cause Street Cause'. The 'User Detail' section displays the following information:

Name	Street Cause Street Cause	Role	Salesforce Platform
Alias	ststre	User License	NGO Profile
Email	narmatha7852@gmail.com (Verified)	Profile	Active ✓
Username	narmatha@gmail.com	Marketing User	
Nickname	User1757239982994562983	Offline User	
Title		Knowledge User	
Company		Flow User	
Department		Service Cloud User	
Division		Site.com Contributor User	
Address			

Public groups

The screenshot shows the 'Public Groups' page in the Salesforce Setup. The sidebar navigation under 'Users' is expanded, with 'Public Groups' selected. The main content area displays a table of public groups:

Action	Label	Group Name	Created By	Created Date
Edit Del	Baba	MATTERS_EDUCATION	MATTERS_EDUCATION	07/09/2025, 4:05 pm
Edit Del	NSS	MATTERS_EDUCATION	MATTERS_EDUCATION	07/09/2025, 4:06 pm
Edit Del	StreetCause	MATTERS_EDUCATION	MATTERS_EDUCATION	07/09/2025, 4:06 pm

Report Types

The screenshot shows the 'Report Types' setup page for a specific report type. The sidebar navigation under 'Feature Settings' is expanded, with 'Report Types' selected. The main content area is divided into two sections: 'Details' and 'Set Availability'.

Details

- * Display Label: Drop_Off points with Volunteers with Execution Detail
- * API Name: Drop_Off_points_with_Volunteers_with_Execution_Det.
- * Description: Drop_Off points with Volunteers with Execution Details
- 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

Cancel Save

Reports

The screenshot shows the Salesforce Setup interface for creating a new report type. The left sidebar is titled 'Feature Settings' and includes sections for Analytics, Reports & Dashboards, Security, and Guest User Sharing Rule Access. The 'Reports & Dashboards' section is expanded, and 'Report Types' is selected. The main area is titled 'Details' and contains the following fields:

- * 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

At the bottom right are 'Cancel' and 'Save' buttons.

The screenshot shows the Salesforce Setup interface for creating a new report type. The left sidebar is identical to the previous screenshot. The 'Reports & Dashboards' section is expanded, and 'Report Types' is selected. The main area is titled 'Details' and contains the following fields:

- * Display Label: Volunteers with Execution Details and Tasks
- * API Name: Volunteers_with_Execution_Details_and_Tasks
- * Description: Volunteers with Execution Details and Tasks
- Note: Description will be visible to users who create reports.
- * Store in Category: Other Reports

At the bottom right are 'Cancel' and 'Save' buttons. A note at the bottom of the page states: "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."

Dashboard

The screenshot shows a Salesforce report interface. The title bar includes the URL: dd100000aalvpauam-dev-ed.lightning.force.com/one/one.app#eyJhb21wb25ibnREZWYiOlyZX8vcnRzOnJlcG9ydE1aWxkZXlLChdHRyaWJ1dGVzJjp7InJyZ5yZEktjoiM.... The top navigation bar has links for FoodConnect, Venues, Home, Tasks, Execution Details, Volunteers, Drop_Off points, Reports, and Dashboards. The current page is under the Reports section. The report title is "venue and Drop Off point". The filter criteria are set to "Volunteer Name", "Venue Name", "Drop_Off Point Name", and "Distance". The preview message says "No records returned in preview. Try running the report or editing report filters." There are buttons for "Add Chart", "Save & Run", "Save", "Close", and "Run". A checkbox for "Update Preview Automatically" is checked.

The screenshot shows another Salesforce report interface. The title bar includes the URL: dd100000aalvpauam-dev-ed.lightning.force.com/one/one.app#eyJhb21wb25ibnREZWYiOlyZX8vcnRzOnJlcG9ydE1aWxkZXlLChdHRyaWJ1dGVzJjp7InJyZ5yZEktjoiM.... The top navigation bar is identical to the first screenshot. The report title is "Volunteer Task". The filter criteria are set to "Volunteer ID", "Execution Detail Name", and "Task: Task Name". The preview message says "No records returned in preview. Try running the report or editing report filters." It includes instructions: "Set the Available On filter to All Time." and "Edit other filters in the filter panel." There are buttons for "Add Chart", "Save & Run", "Save", "Close", and "Run". A checkbox for "Update Preview Automatically" is checked.

Sharing rules

The screenshot shows the Salesforce Sharing Settings page. The URL is dd100000aalvpuam-dev-ed.lightning.force.com/lightning/setup/SecuritySharing/home. The page title is "Sharing Settings". On the left, there's a sidebar with "Security" expanded, showing "Guest User Sharing Rule Access Report" and "Sharing Settings" selected. A search bar at the top has "Q, sha". The main content area displays a table of objects and their sharing settings:

Object	Sharing Type	Access Level	Controlled By
Work Plan Template	Private	Private	✓
Work Step Template	Private	Private	✓
Work Type	Private	Private	✓
Work Type Group	Public Read/Write	Private	✓
Album	Public Read/Write	Private	✓
AppLog	Public Read/Write	Private	✓
Artist	Public Read/Write	Private	✓
Drop_Off Point	Public Read/Write	Private	✓
Execution Details	Controlled by Parent	Controlled by Parent	
Song	Public Read/Write	Private	✓
Task	Public Read/Write	Private	✓
Track List	Controlled by Parent	Controlled by Parent	
Venue	Public Read/Write	Private	✓
Volunteer	Controlled by Parent	Controlled by Parent	

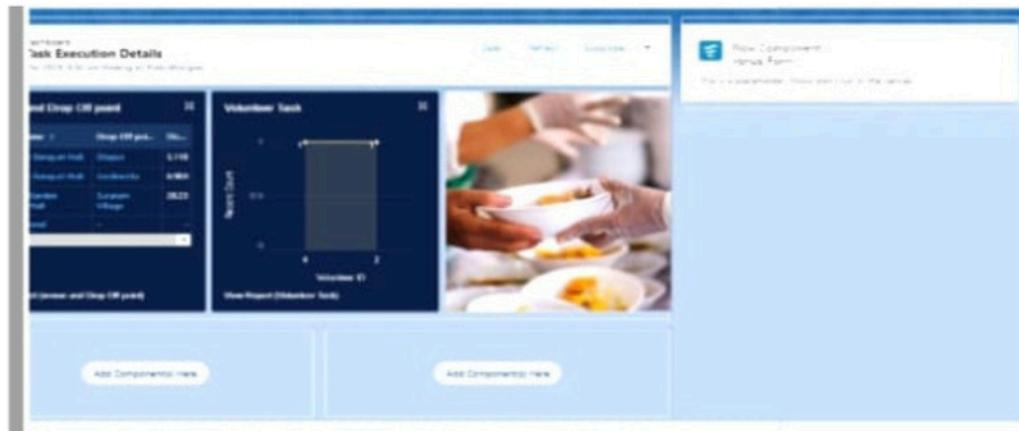
At the bottom, there are "Other Settings" and "Other Settings Help".

Creating a Home page

The screenshot shows a custom Home page. It features two reports side-by-side and a central image. The left report is titled "venue and Drop Off point" and lists venues with their drop-off counts:

Venue Name	Drop Off point	Count
La Rosalie Banquet Hall	Shapur	3,716
La Rosalie Banquet Hall	Indira	4,963
Pavilion Garden Function Hall	Devan Village	2623

Below the table are links: "View Report (venue and Drop Off point)" and "View Report (Volunteer Task)". The right report is titled "Volunteer Task" and shows a chart with a single data point (Volunteer ID 1, Record Count 1). Below the chart is the link "View Report (Volunteer Task)". To the right of the charts is a photo of hands in gloves handing out food. On the far right, there's a sidebar with "Create New" and "Recent Reports" sections.



Save and Activation, then click on App Default, then Assignments.

Connect App and then Save.

Home Page would Look Like this

Conclusion

By leveraging the Salesforce platform, the project successfully established a streamlined and transparent system for managing surplus food donations. Through efficient coordination with volunteers and timely delivery to beneficiaries, the project effectively addressed food insecurity while maximizing the utilization of available resources.

Apex class

Trigger Code

(This Trigger is to assign Distance field to the Distance Calculation field. So that we can assign the distance in the sharing rules.)

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;
    }
}
```