

PROJECT TITLE:

To Supply Leftover Food to Poor

College Name: SRI VASAVI COLLEGE (SELF FINANCE WING)

ERODE-638316.

College Code: bru17

TEAM ID: NM2025TMID23322

TEAM MEMBERS ARE:

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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.

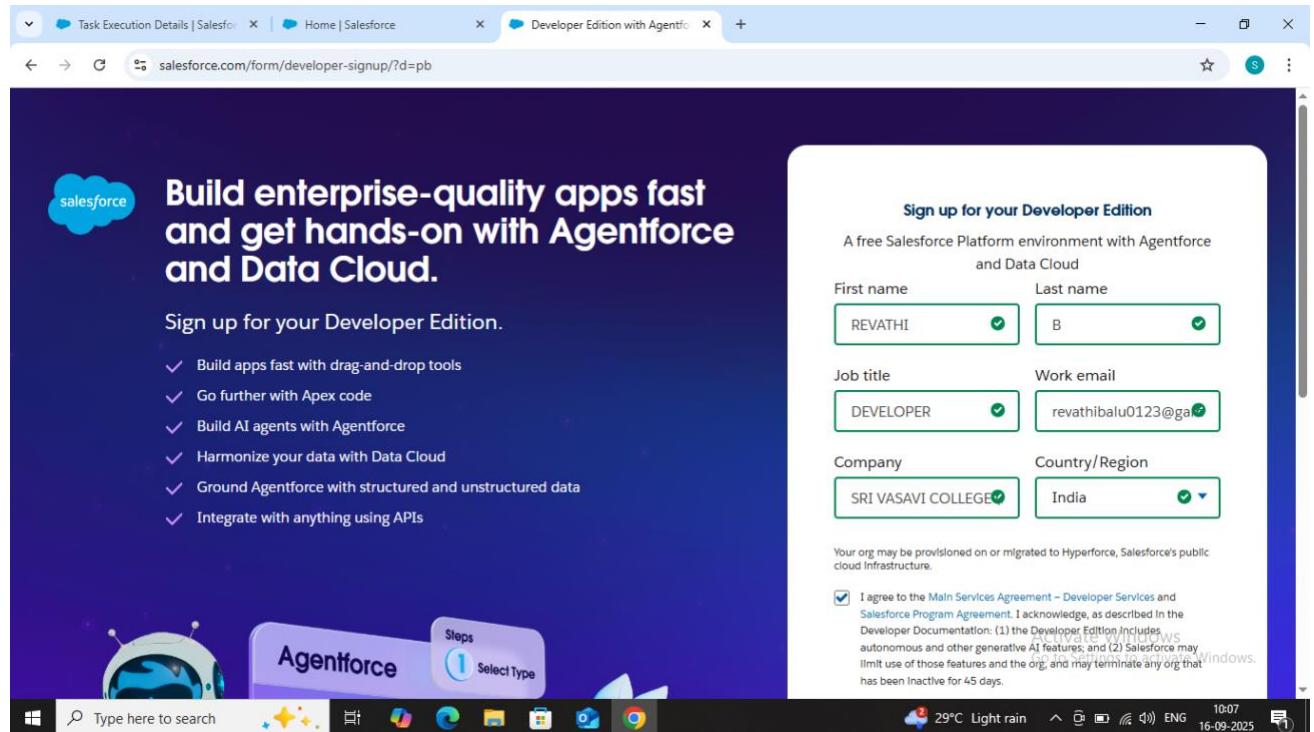
Create awareness about food donation.

Build a sustainable system with technology.

DEVELOPMENT PHASE:

Creating Developer Account:

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



Created objects:

- Venue
- Drop-Off Point
- Task
- Volunteer

- Execution Detail

-

The screenshot shows the Salesforce Setup interface for the 'Venue' object. The left sidebar lists various setup categories: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main 'Details' tab displays the following information:

API Name	Description
Venue__c	Description
Custom	Enable Reports
Singular Label	✓
Venue	Track Activities
Plural Label	✓
Venues	Track Field History

Deployment Status: Deployed
Help Settings: Standard salesforce.com Help Window

Activate Windows: Go to Settings to activate Windows.

At the bottom, there is a Windows taskbar with icons for File Explorer, Mail, and Google Chrome, along with system status indicators like battery level, signal strength, and date/time (10:08, 16-09-2025).

The screenshot shows the Salesforce Setup interface for the 'Drop-Off Point' object. The left sidebar lists various setup categories: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main 'Details' tab displays the following information:

API Name	Description
Drop_Off_Point__c	Description
Custom	Enable Reports
Singular Label	✓
Drop-Off Point	Track Activities
Plural Label	✓
Drop-Off Points	Track Field History

Deployment Status: Deployed
Help Settings: Standard salesforce.com Help Window

Activate Windows: Go to Settings to activate Windows.

At the bottom, there is a Windows taskbar with icons for File Explorer, Mail, and Google Chrome, along with system status indicators like battery level, signal strength, and date/time (10:09, 16-09-2025).

The screenshot shows the Salesforce Setup interface with the following details:

Object Manager: Task

Details pane (left):

- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters
- Search Layouts

Details pane (right):

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**

Activate Windows
Go to Settings to activate Windows.

Windows Taskbar at the bottom:

- Type here to search
- File Explorer
- Photoshop
- Microsoft Edge
- Google Chrome
- File Explorer
- Google Chrome

System tray icons: Cloud, 29°C Light rain, ENG, 10:09, 16-09-2025

The screenshot shows the Salesforce Setup interface with the following details:

Object Manager: Volunteer

Details pane (left):

- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters
- Search Layouts

Details pane (right):

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**

Activate Windows
Go to Settings to activate Windows.

Windows Taskbar at the bottom:

- Type here to search
- File Explorer
- Photoshop
- Microsoft Edge
- Google Chrome
- File Explorer
- Google Chrome

System tray icons: Cloud, 29°C Light rain, ENG, 10:10, 16-09-2025

The screenshot shows the Salesforce Setup interface with the following details:

- Tab Bar:** Task Execution Details | Salesforce, Execution Detail | Salesforce, Developer Edition with Agents.
- URL:** orgfarm-3de56c48b3-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01lgL000001z6cb/Details/view
- Header:** Search Setup, Setup icon, Home, Object Manager.
- Section:** SETUP > OBJECT MANAGER
- Page Title:** Execution Detail
- Left Sidebar (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
- Right Panel (Details):**

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
- Buttons:** Edit, Delete
- System Status:** Activate Windows, Go to Settings to activate Windows.
- Taskbar:** Type here to search, Start button, Taskbar icons (File Explorer, Edge, File Explorer, Google Chrome), Weather (29°C Light rain), Date (16-09-2025).

Created tab:

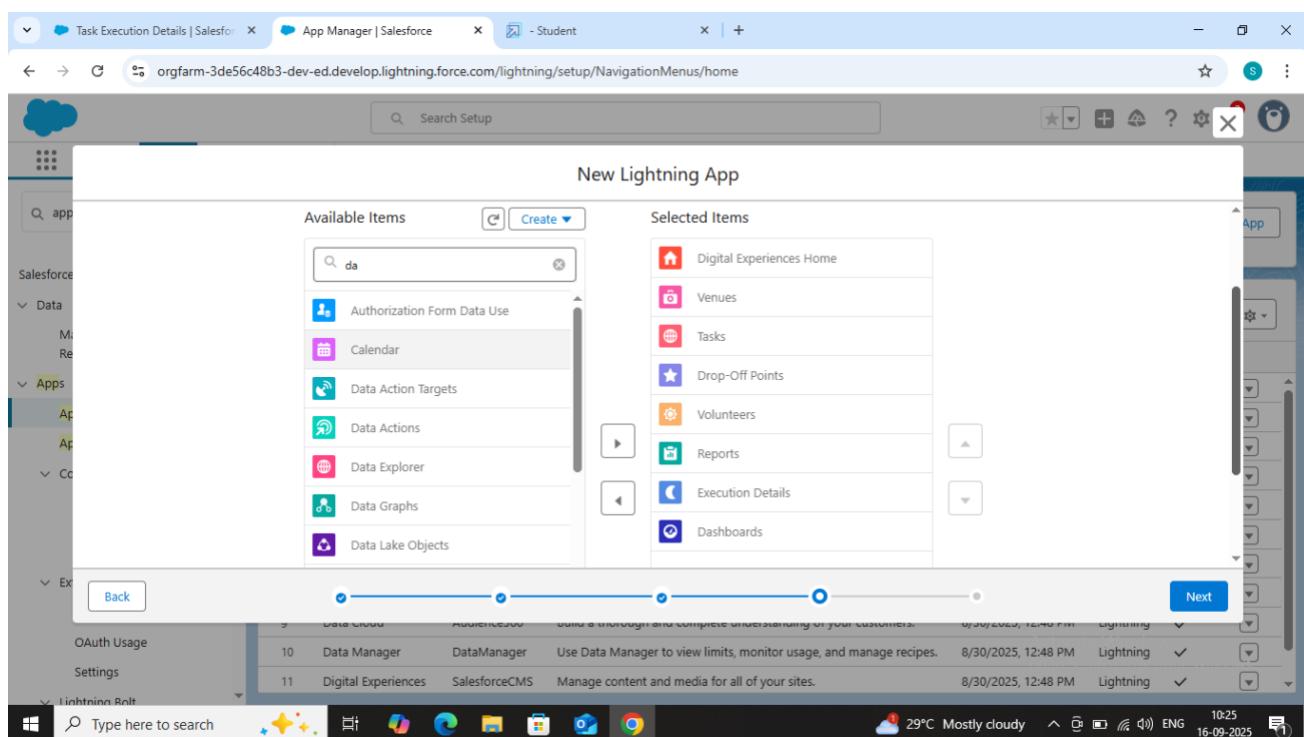
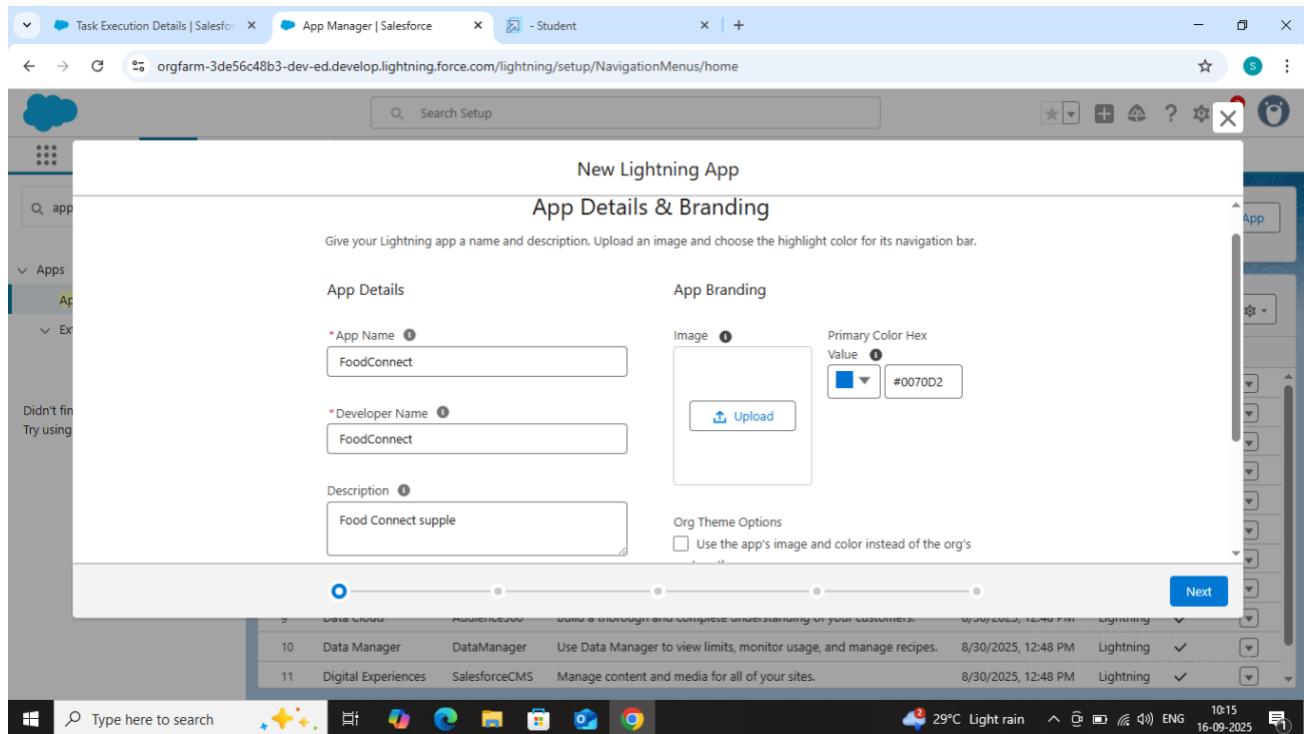
- Venue
- Drop-Off Point
- Task
- Volunteer
- Execution Detail

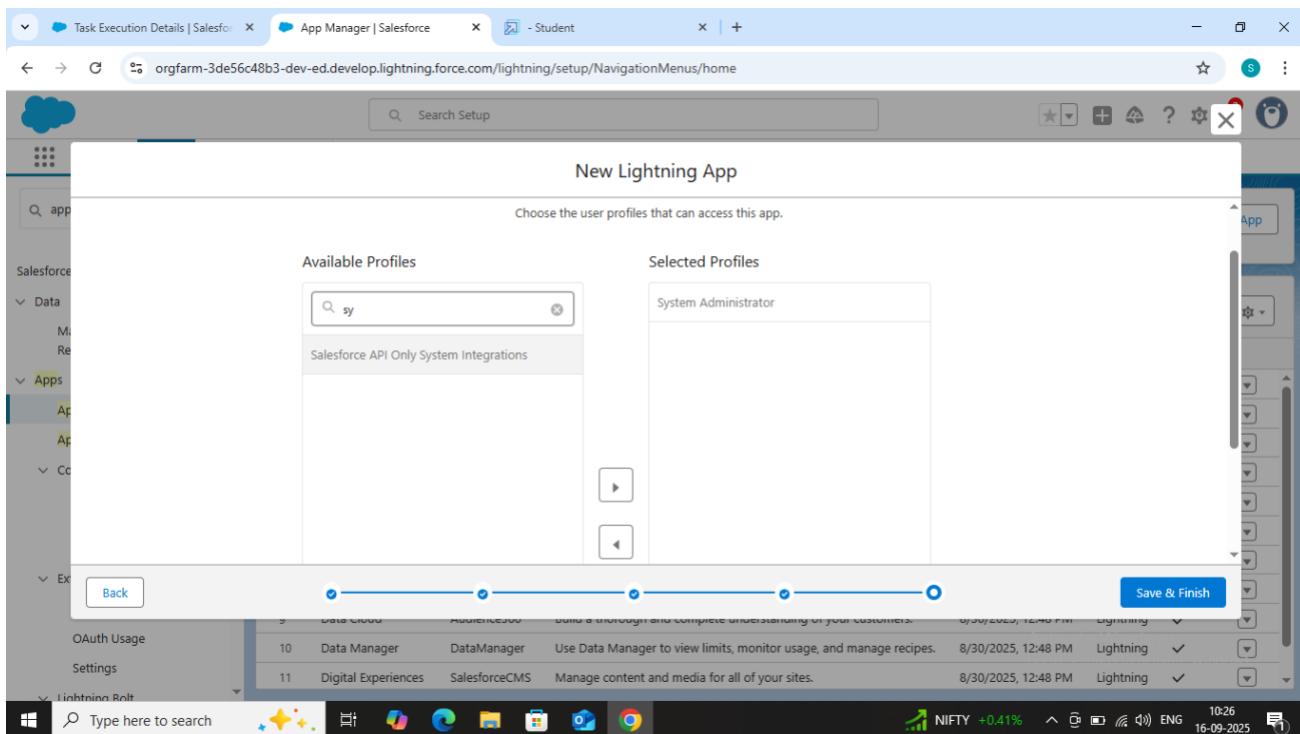
The screenshot shows the Salesforce Setup Home page. In the left sidebar, under the 'User Interface' section, the 'Tabs' item is selected. A search bar at the top left contains the text 'tabs'. The main content area features a 'Setup Home' card with three sections: 'Data Cloud' (with 'Watch Video' and 'Let's Go' buttons), 'Get Started with Einstein Bots' (with 'Get Started' button), and 'Mobile Publisher' (with 'Learn More' button). Below this is a 'Most Recently Used' section listing '10 items' with columns for NAME, TYPE, and OBJECT. At the bottom right of the page, there is a message about activating Windows.

The screenshot shows the Salesforce Setup Home page. In the left sidebar, under the 'User Interface' section, the 'Custom Tabs' item is selected. A search bar at the top left contains the text 'tabs'. The main content area features a 'Custom Object Tabs' section with a table showing five tabs: Drop-Off Points (Star), Execution Details (Moon), Tasks (Globe), Venues (Red Cross), and Volunteers (Sun). Below this are 'Web Tabs' (No Web Tabs have been defined) and 'Visualforce Tabs' (No Visualforce Tabs have been defined). At the bottom right of the page, there is a message about activating Windows.

Created lightning app:

App Name : FoodConnect





Creation of fields for the Venue object

The screenshot shows the Salesforce Object Manager interface for the "Venue" object. The top navigation bar includes "Task Execution Details | Salesforce", "Venue | Salesforce", and "Student". A search bar at the top right says "Search Setup". The main area displays the "Fields & Relationships" section for the "Venue" object. A table lists various fields with their labels, names, data types, and controlling fields. The table has columns for "FIELD LABEL", "FIELD NAME", "DATA TYPE", "CONTROLLING FIELD", and "INDEXED". Fields listed include "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)), "Venue Location" (Venue_Location__c, Long Text Area(32768)), and "Venue Name" (Name, Text(80)). A tooltip for the "Venue Location" field says "Activate Windows Go to Settings to activate Windows.". The status bar at the bottom right shows "29°C Mostly cloudy" and the date "16-09-2025".

Creation 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. On the left, a sidebar lists various setup categories like Page Layouts, Lightning Record Pages, Buttons, etc. The main area displays a table titled 'Fields & Relationships' with 9 items. The columns are 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	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		

A status message at the bottom right says 'Activate Windows Go to Settings to activate Windows.' The system tray at the bottom shows it's 10:28 on 16-09-2025.

Creation of fields for the Task object

The screenshot shows the Salesforce Setup interface under the Object Manager section for the 'Task' object. On the left, a sidebar lists various setup categories like Page Layouts, Lightning Record Pages, Buttons, etc. The main area displays a table titled 'Fields & Relationships' with 15 items. The columns are 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	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)		

A status message at the bottom right says 'Activate Windows Go to Settings to activate Windows.' The system tray at the bottom shows it's 10:29 on 16-09-2025.

Creation of fields for the Volunteer object

The screenshot shows the Salesforce Setup interface for creating fields for the 'Volunteer' object. The left sidebar lists various setup categories like Page Layouts, Lightning Record Pages, and Field Sets. The main area displays a table titled 'Fields & Relationships' with 13 items. The columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
: Date of Birth	Date_of_Birth_c	Date		
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)		
Drop-Off point	Drop_Off_point_c	Master-Detail(Drop-Off Point)		

A tooltip 'Activate Windows Go to Settings to activate Windows.' is visible on the right.

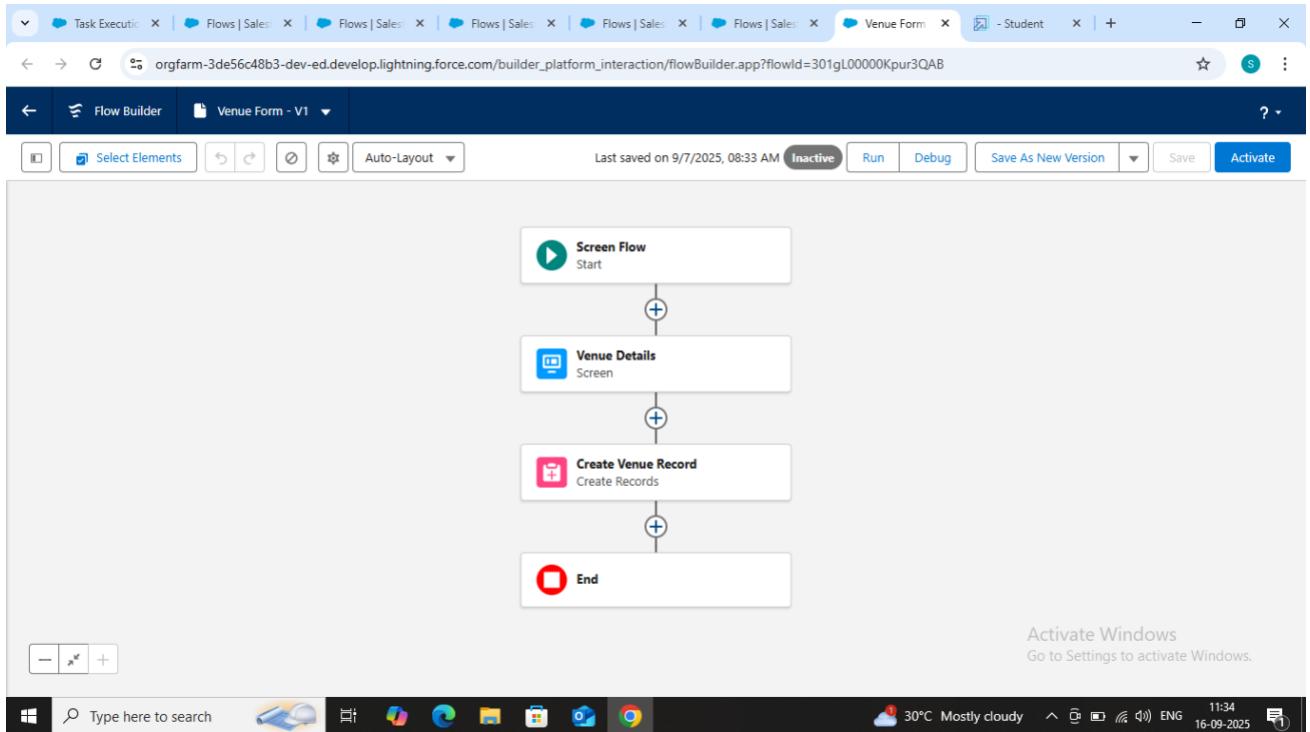
Creation of fields for the Execution Details object

The screenshot shows the Salesforce Setup interface for creating fields for the 'Execution Detail' object. The left sidebar lists various setup categories. The main area displays a table titled 'Fields & Relationships' with 5 items. The columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

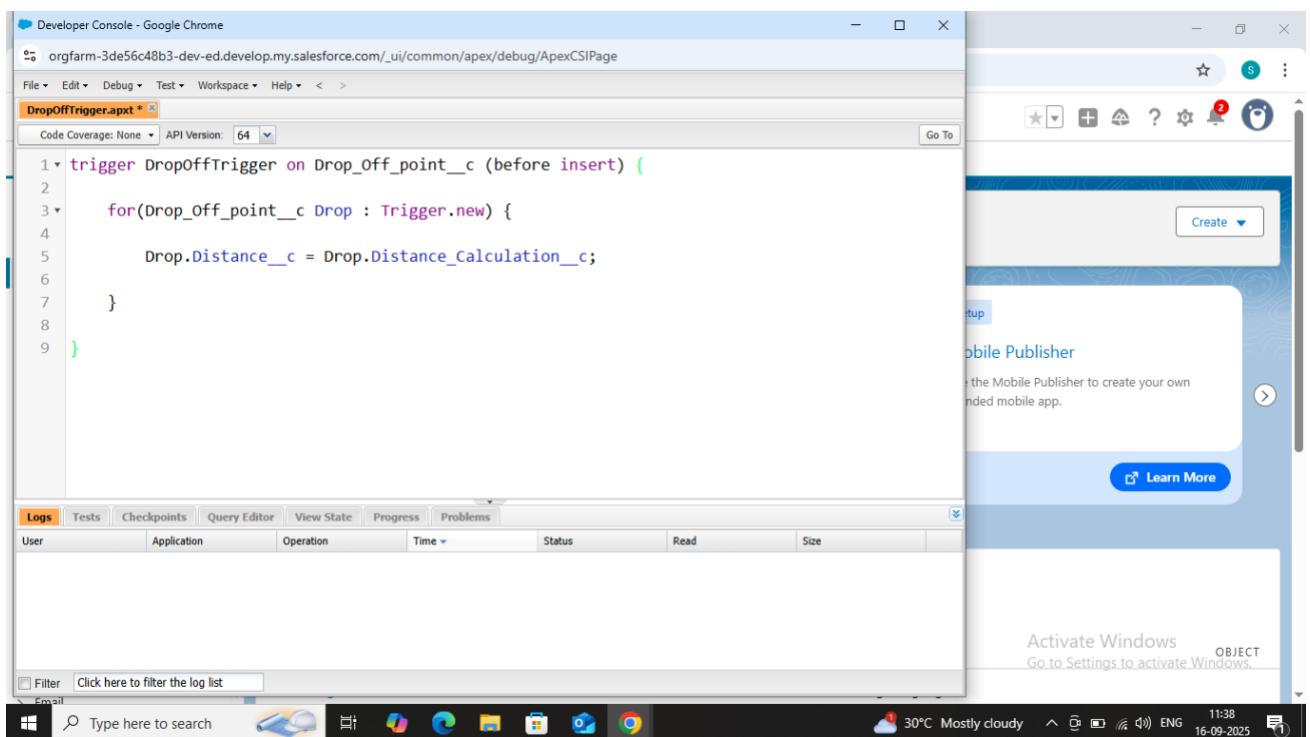
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Execution Detail Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Task	Task_c	Master-Detail(Task)		✓

A tooltip 'Activate Windows Go to Settings to activate Windows.' is visible on the right.

Create Flow to create a record in Venue object



Create a DropOffTrigger



Create a NGOs Profile

The screenshot shows the Salesforce Setup interface for managing profiles. The left sidebar has 'Users' selected under 'Profiles'. The main area is titled 'Profiles' and lists various user profiles with columns for Action, Profile Name, User License, and Custom. One profile, 'B2B Reordering Portal Buyer Profile', is highlighted with a checkmark in the 'Custom' column. The bottom status bar shows the URL <https://orgfarm-3de56c48b3-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/home>, the date 16-09-2025, and the time 11:41.

Creation of User1

The screenshot shows the Salesforce Setup interface for creating a new user. The left sidebar has 'Users' selected under 'User Management Settings'. The main area is titled 'User Edit' for 'Iksha Foundation Iksha_Foundation'. The 'General Information' section contains fields for First Name (Iksha Foundation), Last Name (Iksha_Foundation), Alias (iiksh), Email (revathibalu0123@gmail.com), Username (ikshafoundation0123@sb.co), Nickname (User1728914842229537636), Title, Company, Department, and Division. The 'Role' dropdown is set to '<None Specified>'. The 'User License' dropdown is set to 'Salesforce Platform'. The 'Profile' dropdown is set to 'NGOs Profile'. The 'Active' checkbox is checked. The bottom status bar shows the URL <https://orgfarm-3de56c48b3-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F005gL000007TkWV%2Fe%3FisUserEntityOverride%3D1%26retU...>, the date 16-09-2025, and the time 11:43.

Creation of User2

The screenshot shows the Salesforce Setup interface. The left sidebar is expanded, showing sections like Users, Apps, and Feature Settings. Under the Users section, 'Users' is selected. The main area displays a 'User Edit' form for a user named 'NSS NSS'. The 'General Information' tab is active, showing fields such as First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The Role is set to '<None Specified>', User License to 'Salesforce Platform', and Profile to 'NGOs Profile'. The Active checkbox is checked. Other optional checkboxes for Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, and WDC User are present but unchecked. A status bar at the bottom indicates 'NIFTY +0.38%' and the date '16-09-2025'.

Creation of User3

The screenshot shows the Salesforce Setup interface. The left sidebar is expanded, showing sections like Users, Apps, and Feature Settings. Under the Users section, 'Users' is selected. The main area displays a 'User Edit' form for a user named 'Street_Cause Street_Cause'. The 'General Information' tab is active, showing fields such as First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The Role is set to '<None Specified>', User License to 'Salesforce Platform', and Profile to 'NGOs Profile'. The Active checkbox is checked. Other optional checkboxes for Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, and WDC User are present but unchecked. A status bar at the bottom indicates 'NIFTY +0.38%' and the date '16-09-2025'.

Creation of Public Groups

The screenshot shows the Salesforce Setup interface with the search bar set to "pub". The left sidebar is expanded, showing sections like "Users", "Feature Settings", "User Interface", and "Company Settings". Under "Users", "Public Groups" is selected. The main content area displays the "Public Groups" page with a table listing three groups: "Iksha", "NSS", and "Street cause".

Action	Label	Group Name	Created By	Created Date
Edit Del	Iksha	Iksha	B.REVATHI	9/9/2025, 8:39 AM
Edit Del	NSS	NSS	B.REVATHI	9/9/2025, 8:41 AM
Edit Del	Street cause	Street cause	B.REVATHI	9/9/2025, 8:41 AM

Creation of Report Types

The screenshot shows the Salesforce Setup interface with the search bar set to "report". The left sidebar is expanded, showing sections like "Feature Settings", "Analytics", and "Security". Under "Feature Settings", "Report Types" is selected. The main content area displays the "CustomReportTypeLightning/new" page, where a new report type for "Venues" is being created. The "Display Label" is "Venue with DropOff with Volunteer" and the "API Name" is "Venue_with_DropOff_with_Volunteer".

Creation of Report

The screenshot shows the FoodConnect Salesforce application interface. The top navigation bar includes links for Recent, Reports, and Dashboards. The main content area displays a table of recent reports. The table columns are: REPORTS, Report Name, Description, Folder, Created By, Created On, and Subscribed. Two reports are listed:

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	venue and Drop Off point Report		Custom Reports	REVATHI B	9/15/2025, 7:44 AM	
Created by Me	Volunteer Task		Custom Reports	REVATHI B	9/15/2025, 6:58 AM	

The sidebar on the left provides navigation links for Reports, Recent, Created by Me, Private Reports, Public Reports, All Reports, Folders, All Folders, Created by Me, Shared with Me, Favorites, and All Favorites. The bottom status bar shows system information including weather (30°C Mostly cloudy), date (16-09-2025), and time (11:55).

Adding venue and Drop Off point,Report to the Dashboard

The screenshot shows the FoodConnect Salesforce application interface. The top navigation bar includes links for Organization Details, Reports, and Dashboards. The main content area displays a dashboard with a report card titled "venue and Drop Off point Report". The report card contains a table with three rows of data:

Venue Name	Drop-Off Point Name	Distance
Muhaidheen H	erode	0
Revathi B	namakkal	350
Sameera I	salem	0

The bottom of the report card has a link "View Report (venue and Drop Off point Report)". The sidebar on the left provides navigation links for Organization Details, Venues, Tasks, Drop-Off Points, Execution Details, Volunteers, Reports, and Dashboards. The bottom status bar shows system information including weather (30°C Mostly cloudy), date (16-09-2025), and time (12:07).

Adding Volunteer Task Report to the Dashboard

The screenshot shows a Salesforce Lightning dashboard titled "Organization Details". A chart titled "Volunteer Task" is displayed, showing the record count for three volunteers: Muhaideen H, Revathi B, and Sameera I, each with a value of 1. The dashboard also includes tabs for Venues, Tasks, Drop-Off Points, Execution Details, Volunteers, Reports, and Dashboards. The status bar at the bottom indicates "Activate Windows Go to Settings to activate Windows." and the date "16-09-2025".

Creation of sharing rules

The screenshot shows the "Sharing Settings" page in the Salesforce Setup. It displays four sections: "Work Type Group Sharing Rules" (No sharing rules specified), "Drop-Off Point Sharing Rules" (with a table showing rules for Group: Iksha, Group: NSS, and Group: Street cause), "Task Sharing Rules" (No sharing rules specified), and "Venue Sharing Rules" (No sharing rules specified). The status bar at the bottom indicates "Activate Windows Go to Settings to activate Windows." and the date "16-09-2025".

Result of Home Page

Task Execution Details | Salesforce Sharing Settings | Salesforce - Student Word - sameersameera96582@... +

orgfarm-3de56c48b3-dev-ed.develop.lightning.force.com/lightning/r/Dashboard/01ZgL000003pOPxUAM/view?queryScope=userFolders

Food Connect

Search...

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

Dashboard Task Execution Details

As of Sep 15, 2025, 9:31 PM Viewing as REVATHI B

venue and Drop Off point Report

Venue Name	Drop-Off Point Name	Distance
Muhaidheen H	erode	500
Revathi B	namakkal	350
Sameera I	salem	450

View Report (venue and Drop Off poi...) As of Sep 15, 2025, 9:31 PM

Volunteer Task

Volunteer Name	Record Count
Muhaidheen H	1
Revathi B	1
Sameera I	1

View Report (Volunteer Task) As of Sep 15, 2025, 9:31 PM

Activate Windows
Go to Settings to activate Windows.

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.