

TO SUPPLY LEFTOVER FOOD TO POOR

**SREE NARAYANA GURU COLLEGE,
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INTRODUCTION

1. Project Overview

Food wastage is a major problem while many people still go hungry. This project, **“To Supply Leftover Food to the Poor Using Salesforce,”** uses Salesforce CRM to connect donors, volunteers, NGOs, and receivers. The system automates food collection, tracking, and distribution with custom objects, workflows, and reports. It ensures efficiency, transparency, and real-time updates while giving students hands on experience with Salesforce and showing how technology can drive social good.

2. Purpose

The purpose of this project is to create a smart and efficient system that reduces food wastage and ensures that leftover food is redirected to people who need it most. In today’s world, massive amounts of edible food are discarded due to lack of proper management, while countless individuals still suffer from hunger. This project seeks to address that imbalance by building a transparent, technology-driven solution.


Through Salesforce CRM, the project connects all stakeholders—donors, drop-off points, volunteers, NGOs, and receivers—on a single platform. The system automates food collection, distribution, volunteer coordination, and reporting to make the entire process reliable, accountable, and fast. It ensures that donors can see where their contributions are going, volunteers are efficiently scheduled, and NGOs can distribute food effectively with minimal waste.

Beyond social impact, the project also serves an academic and career purpose by allowing students to gain hands-on experience in Salesforce development. Students learn to configure custom objects, workflows, triggers, and dashboards while applying these tools to solve a real-world problem. Thus, the project combines **social welfare** with **technological skill-building**, proving how CRM solutions can contribute to sustainable and impactful community service.

DEVELOPMENT PHASE

1. 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.

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First name	Last name
<input type="text" value="joel"/>	<input type="text" value="jacob"/>
Job title	Work email
<input type="text" value="Developer"/>	<input type="text" value="*****@gmail.com"/>
Company	Country/Region
<input type="text" value="Sree Narayana Guru"/>	<input type="text" value="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](#).

☒ I'm not a robot 

[Sign Me Up](#)

2.Created objects: Venue, Drop-Off Point, Task, Volunteer, Execution Details

The screenshot shows the Salesforce Setup interface for the 'Venue' object. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Restriction Rules, Scoping Rules, Object Access, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The 'Details' section is selected, showing the following information:

Field	Value
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


Buttons for 'Edit' and 'Delete' are located in the top right corner of the details section.

The screenshot shows the Salesforce Setup interface for the 'Drop-Off Point' object. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Restriction Rules, Scoping Rules, Object Access, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The 'Details' section is selected, showing the following information:








Field	Value
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

Buttons for 'Edit' and 'Delete' are located in the top right corner of the details section.

<https://orgfam-1692cd0699-dev-ed.develop.lightning.force.com/one/one-app#/setup/ObjectManager/01gc000002DVXU/FieldsAndRelationships/view>



Search Setup



SetupHomeObject Manager

SETUP > OBJECT MANAGER

Task

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

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

EditDelete



Search Setup



SetupHomeObject Manager

SETUP > OBJECT MANAGER

Volunteer

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

Details

Description

API Name
Volunteer__c

Custom

✓

Singular Label
Volunteer

Plural Label
Volunteers

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status
Deployed

Help Settings

Standard salesforce.com Help Window

EditDelete

Setup

Home

Object Manager

Search Setup

Setup > OBJECT MANAGER

Execution Detail

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

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

Edit

Delete

3.Tabs

Setup

Home

Object Manager

Search Setup

tab

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.

SETUP

Tabs

Custom Tabs

Help for this Page

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

New

What Is This?

Action	Label	Tab Style	Description
Edit Del	Drop-Off Points	Airplane	
Edit Del	Execution Details	Building	
Edit Del	Tasks	Bank	
Edit Del	Venues	Globe	
Edit Del	Volunteers	Books	

Web Tabs

New

What Is This?

No Web Tabs have been defined

Visualforce Tabs

New

What Is This?

No Visualforce Tabs have been defined

Lightning Component Tabs

New

What Is This?

No Lightning component tabs have been defined

Lightning Page Tabs

New

What Is This?

4.Developed Lightning App

Lightning App Builder

App Settings

Pages

FoodConnect

Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

App Branding

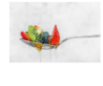
* App Name ⓘ
FoodConnect

* Developer Name ⓘ
FoodConnect

Description ⓘ
Enter a description...

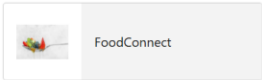
Image ⓘ

Primary Color Hex Value ⓘ
#0070D2



Clear

Org Theme Options
☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview


5. Fields

Setup

Home

Object Manager

Search Setup

Star

Grid

Help

Settings

Alerts

Profile

SETUP > OBJECT MANAGER

Volunteer

Details

Fields & Relationships

13 Items. Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

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 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)		

Setup

Home

Object Manager

Search Setup

SETUP > OBJECT MANAGER

Venue

Details

Fields & Relationships

8 Items. Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

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)		✓
Venue Location	Venue_Location__c	Long Text Area(32768)		
Venue Name	Name	Text(80)		✓

Setup

Home

Object Manager

Search Setup

SETUP > OBJECT MANAGER

Drop-Off Point

Details

Fields & Relationships

9 Items. Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distance	Distance__c	Number(3, 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	Venue__c	Lookup(Venue)		✓

Setup

Home

Object Manager

Search Setup

Star

Grid

Cloud

Help

Settings

Notifications

User

SETUP > OBJECT MANAGER

Task

Details

Fields & Relationships

13 Items. Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

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)		
Number of People Served	Number_of_People_Served__c	Number(18, 0)		
Owner	OwnerId	Lookup(User,Group)		✓
Phone	Phone__c	Phone		
Rating	Rating__c	Picklist		
Task ID	Task_ID__c	Auto Number		
Task Name	Name	Text(80)		✓

Setup

Home

Object Manager

Search Setup

Star

Grid

Cloud

Help

Settings

Notifications

User

SETUP > OBJECT MANAGER

Execution Detail

Details

Fields & Relationships

5 Items. Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Object Access

Triggers

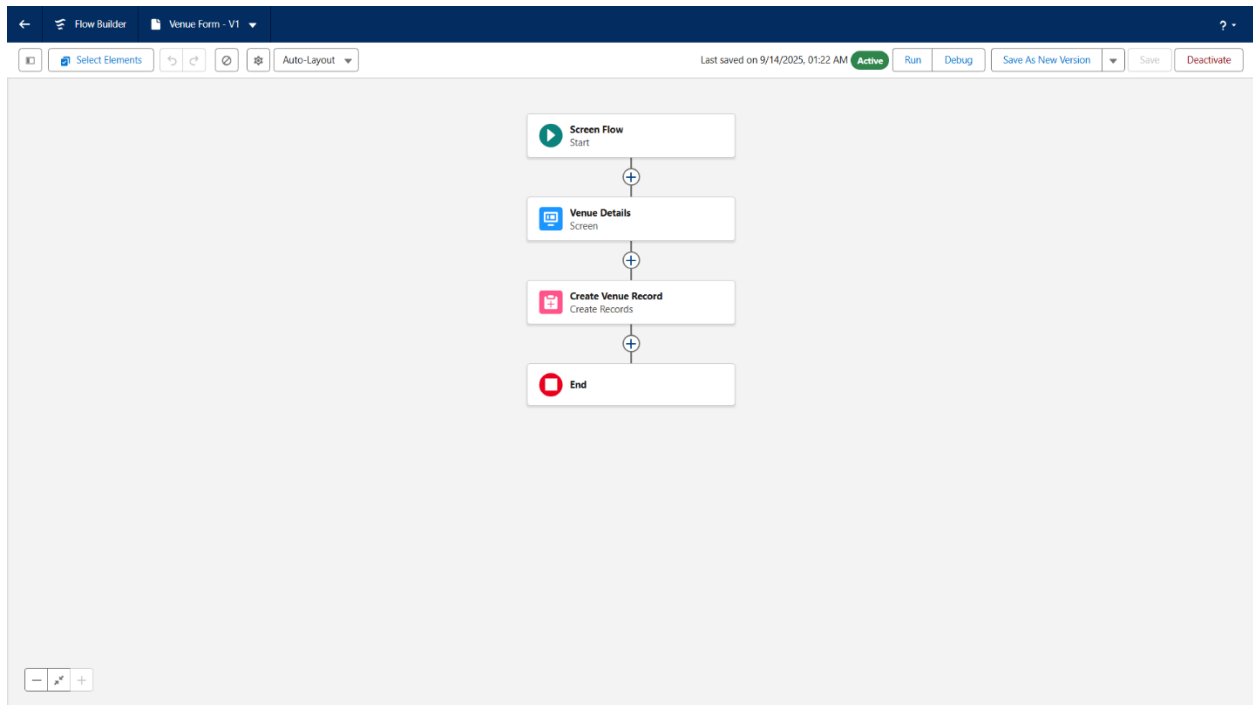
Flow Triggers

Validation Rules

Conditional Field Formatting

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)		✓

5. Flow



6. Apex Trigger

Create an Apex Trigger

```
File • Edit • Debug • Test • Workspace • Help • < >
DropOffTrigger.apex
Code Coverage: None | API Version: 64 | Go To

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_calculation__c;
6
7   }
8
9 }
```

Logs | Tests | Checkpoints | Query Editor | View State | Progress | Problems

Name	Line	Problem
------	------	---------

7. Profiles

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with "Profiles" entered. The main content area is titled "Profiles" and includes a "New Profile" button. Below this is a table with columns: Action, Profile Name, User License, and Custom. The table contains one row: "NGOs Profile" with a "Salesforce Platform" license and a checkmark in the Custom column. The bottom of the page shows pagination: "1-1 of 1" and "0 Selected".

Action	Profile Name	User License	Custom
Edit Del ...	NGOs Profile	Salesforce Platform	✓

8. Creation of Users

The screenshot shows the Salesforce Setup interface for Users. The left sidebar has a search bar with "user" entered. The main content area is titled "All Users" and includes a "New User" button. Below this is a table with columns: Action, Full Name, Alias, Username, Role, Active, and Profile. The table contains several rows of user data. The bottom of the page shows pagination: "1-1 of 1" and "0 Selected".

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chatty.20d9d0010bea@org15.salesforce.com	Chatter Free User	✓	Chatter Free User
Edit	EPIC_OrgFarm	EPIC	epic.99db355235d@orgfarm.salesforce.com	System Administrator	✓	System Administrator
Edit	Iksha_Foundation	Iksha	ikshatrust@sb.com	NGOs Profile	✓	NGOs Profile
Edit	Jacob_Joel	JJ	lifelscenarios12528@orgforce.com	System Administrator	✓	System Administrator
Edit	NSS_NSS	nss	nss@trust@sb.com	NGOs Profile	✓	NGOs Profile
Edit	Street_Cause_Street Cause	stca	streetcause@trust@sb.com	NGOs Profile	✓	NGOs Profile
Edit	User_Integration	intgr	integration@00d9d00010bea@vusr.com	Analytics Cloud Integration User	✓	Analytics Cloud Integration User
Edit	User_Security	sec	insightssecurity@00d9d00010bea@vusr.com	Analytics Cloud Security User	✓	Analytics Cloud Security User

9. Creation of Public Groups

Setup

Home

Object Manager

Q pu

Users

Public Groups

Feature Settings

Salesforce Files

Content Deliveries and Public Links

User Interface

Global Actions

Publisher Layouts

Company Settings

Calendar Settings

Public Calendars and Resources

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

Public Groups

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.

View: All Edit Create New View

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

Action	Label	Group Name	Created By	Created Date
Edit Del	Baba	Baba	Jacob Joel	9/13/2025, 7:12 AM
Edit Del	NSS	NSS	Jacob Joel	9/13/2025, 7:13 AM
Edit Del	Street_Cause	Street_Cause	Jacob Joel	9/13/2025, 7:13 AM

10. Creation of Report Types

Setup

Home

Object Manager

Q report

Feature Settings

Analytics

Reports & Dashboards

Access Policies

Historical Trending

Report Types

Reporting Snapshots

Reports and Dashboards Settings

Security

Guest User Sharing Rule Access Report

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

Custom Report Types

Custom Report Type

All Custom Report Types

14 items • Sorted by Label • Filtered by All custom report types • Updated a few seconds ago

Label

Name

Description

Category

Created Date

Drop-Off Points with Volunteers with Execution Details	Drop_Off_Points_with_Volunteers_with_Execution_Details	Drop-Off Points with Volunteers with Execution Details	Other Report...	9/13/2025, 4:44 AM
Orchestration Run Logs Spring '24	flow_orchestration_log_oottb_crt_two_four_eight	Find out which orchestration run logs were created and what h...	Other Report...	9/10/2025, 2:02 AM
Orchestration Runs Spring '24	flow_orchestration_run_oottb_crt_two_four_eight	Find out which orchestration runs were created.	Other Report...	9/10/2025, 2:02 AM
Orchestration Stage Runs Spring '24	flow_orchestration_stage_run_oottb_crt_two_four_eight	Find out which orchestration stage runs were created and the ...	Other Report...	9/10/2025, 2:02 AM
Orchestration Step Runs Spring '24	flow_orchestration_step_run_oottb_crt_two_four_eight	Find out which orchestration step runs were created and the c...	Other Report...	9/10/2025, 2:02 AM
Orchestration Work Items Spring '24	flow_orchestration_work_item_oottb_crt_two_four_eight	Find out which orchestration work items were created, who's l...	Other Report...	9/10/2025, 2:02 AM
Program Definition Spring '24	Program_Definition_sfdcSESV60	Review your analytics with a program-like structure. See each ...	Other Report...	9/10/2025, 2:02 AM
Program Definition Summer '24	Program_Definition_sfdcSESV61	Review your analytics with a program-like structure. See each ...	Other Report...	9/10/2025, 2:02 AM
Program Item Progress Spring '24	Program_Task_Progress_sfdcSESV60	Report on tasks like exercises, milestones, and outcomes progr...	Other Report...	9/10/2025, 2:02 AM
Program Item Progress Summer '24	Program_Task_Progress_sfdcSESV61	Report on tasks like exercises, milestones, and outcomes progr...	Other Report...	9/10/2025, 2:02 AM
Program Progress Spring '24	Program_Progress_sfdcSESV60	Report on program progress. Specific progress on milestones ...	Other Report...	9/10/2025, 2:02 AM
Program Progress Summer '24	Program_Progress_sfdcSESV61	Report on program progress. Specific progress on milestones ...	Other Report...	9/10/2025, 2:02 AM
Screen Flows	screen_flows_prebuilt_crt	Find out which flows get executed and how long users take to ...	Other Report...	9/10/2025, 2:02 AM
Venue with DropOff with Volunteer	Venue_with_DropOff_with_Volunteer	Venue with DropOff with Volunteer	Other Report...	9/13/2025, 7:17 AM

Setup

Home

Object Manager

Search Setup

Star

Plus

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User

report

Feature Settings

Analytics

Reports & Dashboards

Access Policies

Historical Trending

Report Types

Reporting Snapshots

Reports and Dashboards

Settings

Security

Guest User Sharing Rule Access

Report

Didn't find what you're looking for?

Try using Global Search.

Custom Report Types

Venue with DropOff with Volunteer

Preview Layout

Edit Layout

Clone

Delete

Close

Below is the information for this custom report type. You can click the buttons on this to preview or update information for the custom report type

Details

Display Label

Venue with DropOff with Volunteer

API Name

Venue_with_DropOff_with_Volunteer

Description

Venue with DropOff with Volunteer

Created By

Joel Jacob, 9/13/25, 7:47 PM

Store in Category

other

Deployment Status

Deployed

Modified By

Joel Jacob, 9/13/25, 7:47 PM

Fields

Source Object	Included Fields
Venues	13
Drop-Off Points	13
Volunteers	16

Object Relationships

Venues (A)

... with or without related records from Drop-Off Points (B)

... with or without related records from Volunteers (C)

11.Reports

FoodConnect

Home

Venues

Drop-Off Points

Tasks

Volunteers

Execution Details

Reports

Dashboards

Search...

Star

Plus

Cloud

Help

Settings

Notifications

User

Reports

Created by Me

Search reports created by me...

New Report

New Folder

3 items

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	venue and Drop Off point		Custom Reports	Joel Jacob	9/13/2025, 7:26 AM	
Created by Me	Volunteer Task		Custom Reports	Joel Jacob	9/13/2025, 12:26 PM	
Private Reports	Volunteer Task		Custom Reports	Joel Jacob	9/13/2025, 12:29 PM	
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

12. Dashboard

FoodConnect

Home

Venues

Drop-Off Points

Tasks

Volunteers

Execution Details

Reports

Dashboards

Search...

Star

Grid

Help

Settings

Notifications

Profile

Dashboard

Task Execution Details

As of Sep 18, 2025, 9:09 AM

Viewing as Joel Jacob

Refresh

Edit

Subscribe

venue and Drop Off point

We can't draw this chart because there is no data.

View Report (venue and Drop Off point)


As of Sep 18, 2025, 9:09 AM

Volunteer Task

We can't draw this chart because there is no data.

View Report (Volunteer Task)

As of Sep 18, 2025, 9:09 AM



FoodConnect

Home

Venues

Drop-Off Points

Tasks

Volunteers

Execution Details

Reports

Dashboards

Search...

Star

Grid

Help

Settings

Notifications

Profile

Dashboard

Organization Details

As of Sep 18, 2025, 10:11 AM

Viewing as Joel Jacob

Refresh

Edit

Subscribe

venue and Drop Off point

We can't draw this chart because there is no data.

View Report (venue and Drop Off point)

As of Sep 18, 2025, 10:11 AM

Volunteer Task

No data.
Try refreshing the dashboard.

View Report

13. Creation of Sharing Tools

The screenshot shows the Salesforce Setup interface for Sharing Settings. The left sidebar contains a search bar with 'sharing' entered and a list of navigation items: Security, Guest User Sharing Rule Access Report, and Sharing Settings (highlighted). Below the sidebar is a message: 'Didn't find what you're looking for? Try using Global Search.' The main content area is titled 'Sharing Settings' and contains several sections for configuring sharing rules:

- Work Order Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]
- Work Plan Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]
- Work Plan Template Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]
- Work Step Template Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]
- Work Type Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]
- Work Type Group Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]
- Drop-Off Point Sharing Rules:** (New | Recalculate) [Help]

Action	Criteria	Shared With	Access Level
Edit Del	Drop-Off Point: Distance LESS THAN 15	Group: Isaha	Read Only
Edit Del	Drop-Off Point: Distance GREATER THAN 15	Group: NSS	Read Only
Edit Del	(Drop-Off Point: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)	Group: Street Cause	Read Only
- Task Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]
- Venue Sharing Rules:** No sharing rules specified. (New | Recalculate) [Help]

14. Creation of Home Page

The screenshot shows the Salesforce Lightning App Builder interface for creating a Home Page. The top navigation bar includes 'Lightning App Builder', 'Pages', and 'HOME Page'. The left sidebar shows a list of components under 'Standard (43)', including Accordion, App Launcher, Assistant, Cdp Metrics Overview, Chatter Feed, Chatter Publisher, CRM Analytics Collection, CRM Analytics Dashboard, Dashboard, Data Mask Console Home Compo..., Einstein Next Best Action, Flow, Flow App Home cards, Generate Batch Documents, Inventory Lookup Component, Invoice Preview, Items to Approve, Key Deals, Launchpad, List View, Location Management Component, LWC CRM Analytics Dashboard, and Paused Flow Interviews. The main canvas displays a preview of the Home Page layout, which includes a 'Task Execution Details' component, a 'Volunteer Task' component, and a 'Venue Form' component. The right sidebar shows the 'Page' configuration panel with fields for Label (HOME Page), API Name (HOME_Page), Page Type (Home Page), Template (Standard Home Page), and Description.



FoodConnect

Home

Venues

Drop-Off Points

Tasks

Volunteers

Execution Details

Reports

Dashboards

Search...



Dashboard

Task Execution Details

As of Sep 18, 2025, 9:09 AM Viewing as Joel Jacob

Open

Refresh

Subscribe

venue and Drop Off point

We can't draw this chart because there is no data.

View Report (venue and Dro...

As of Sep 18, 2025, 9:09 AM

Volunteer Task

We can't draw this chart because there is no data.

View Report (Volunteer Task)

As of Sep 18, 2025, 9:09 AM



Venue Form

Venue Name

Email

Phone

Venue Location

Latitude

Longitude

Next

Conclusion

This project has shown how the Salesforce platform can be effectively used to build a transparent and efficient system for managing surplus food donations. By ensuring smooth coordination with volunteers, proper tracking of resources, and timely delivery to those in need, the solution not only helped reduce food wastage but also contributed to addressing hunger in a structured way.

The initiative, “To Supply Leftover Food to Poor Using Salesforce,” highlights the real-world impact of CRM technology when applied for social good, proving its ability to streamline processes and promote accountability.

Key Achievements:

- Simplified the collection and distribution of leftover food.
- Enabled real-time interaction among donors, volunteers, and NGOs.
- Implemented automation using custom objects, fields, Flows, and Apex triggers.
- Strengthened transparency through reports, dashboards, and role-based security.
- Enhanced user experience with customized Lightning App and Home Page.

Student Outcomes:

- Practical knowledge in Salesforce development and CRM customization.
- Stronger problem-solving through handling real-time operational challenges.
- Improved teamwork during requirement gathering, development, and testing.
- Exposure to professional tools, workflows, and project lifecycle practices.

Future Enhancements:

- Mobile integration for better accessibility to donors and volunteers.
- Use of AI and analytics to forecast demand and improve allocation.
- Wider collaboration with NGOs, hotels, and community kitchens.