TO SUPPLY LEFT OVER FOOD TO POOR

1. Introduction

The **Salesforce Food Connect System** is a cloud-based platform designed to connect surplus food from donors (restaurants, grocery stores, events, etc.) to organizations or individuals in need, including the underprivileged and food shelters. This system leverages the capabilities of Salesforce CRM to manage food donation, distribution, and tracking efficiently.

2. Problem Statement

A significant amount of food is wasted daily by restaurants, events, and households, while millions of people go hungry. There is a pressing need for a platform that bridges the gap between food donors and recipients, ensuring surplus food is distributed efficiently and sustainably.

3. Objectives

1. **Facilitate Food Donation**: Provide an easy-to-use system for donors to register and list surplus food.
2. **Connect with Recipients**: Match donors with verified recipients based on location and food requirements.
3. **Track Donations**: Maintain records of donations, recipients, and logistics for accountability.
4. **Ensure Compliance**: Adhere to food safety regulations during the donation process.
5. **Analytics and Reporting**: Offer insights into donation trends and impact through dashboards and reports.

4. Key Features

1. **Donor Registration**:
   - Simple onboarding process for food donors.
   - Donor dashboard for listing surplus food items and monitoring donations.

2. **Recipient Matching**:
   - Automated matching algorithm to connect donors with nearby recipients.
   - Real-time notifications to recipients about available food.
3. **Logistics Management**:
   - Integration with third-party delivery services for food pickup and delivery.
   - Option for donors and recipients to arrange their transportation.
4. **Food Safety and Compliance**:
   - Guidelines for food safety during collection and distribution.
   - Notifications for food nearing expiration to prioritize distribution.
5. **Analytics and Reporting**:
   - Visual dashboards showing donation trends, food wastage reduction, and beneficiaries served.
   - Real-time reports for impact assessment.
6. **Mobile Accessibility**:
   - A mobile-friendly interface or app for donors and recipients to interact with the platform on the go.

5. System Design

Architecture Overview

- **Frontend**:
  - Web and mobile interfaces for donors and recipients.
  - User-friendly dashboards for managing donations and requests.
- **Backend**:
  - Salesforce CRM for managing donor and recipient data.
  - Automated workflows for matching, notifications, and reporting.
- **Database**:
  - Cloud-based storage for donor and recipient information, donation records, and impact metrics.
- **Integrations**:
  - Third-party logistics providers for transportation.
  - SMS and email gateways for notifications.

Workflow

1. Donor registers and lists surplus food.
2. System identifies nearby recipients and sends notifications.
3. Recipient confirms acceptance of the food.
4. Logistics are arranged, and the food is delivered.
5. Donation details are recorded in Salesforce for tracking and reporting.

6. Benefits

1. **Reduction in Food Waste**:
   - Divert surplus food from landfills to feed the needy.
2. **Social Impact**:
   - Address hunger issues and support underprivileged communities.
3. **Transparency**:
   - Maintain accountability through robust tracking and reporting.
4. **Scalability**:
   - Cloud-based solution that can scale to serve multiple locations and users.

7. Implementation

Phases

1. **Requirement Analysis**:
   - Gather requirements from donors, recipients, and stakeholders.
2. **System Design**:
   - Develop the architecture and workflows in Salesforce.
3. **Development**:
   - Build the platform using Salesforce tools such as Apex, Lightning Components, and Visualforce.
4. **Testing**:
   - Perform rigorous testing for functionality, security, and usability.
5. **Deployment**:
   - Launch the platform with initial training for users.
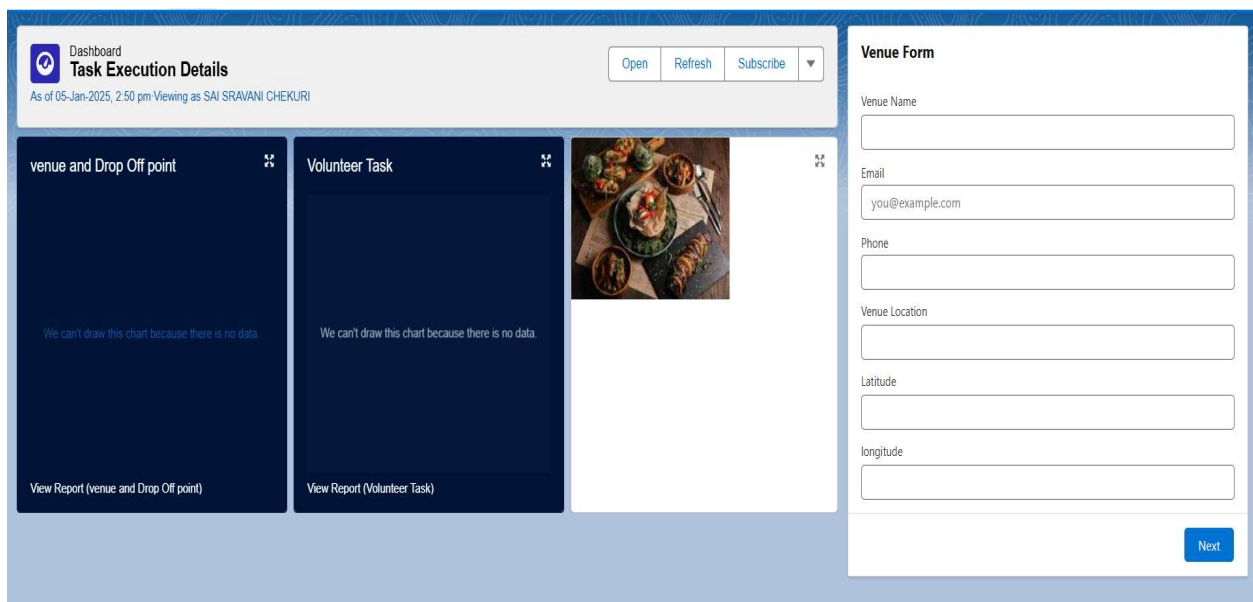
6. **Maintenance**:
   - Provide ongoing support and updates.

8. Challenges and Solutions

1. **Challenge**: Ensuring food safety compliance.
   - **Solution**: Implement checks and notifications for perishable items.
2. **Challenge**: Managing real-time logistics.
   - **Solution**: Partner with reliable third-party logistics providers.
3. **Challenge**: Building trust with donors and recipients.
   - **Solution**: Provide transparency through detailed tracking and reporting.

9. Future Enhancements

1. **AI-Powered Matching**:
   - Use AI to optimize donor-recipient matches based on food type, quantity, and recipient preferences.
2. **Gamification**:
   - Encourage donations through rewards or recognition programs.
3. **Global Expansion**:
   - Scale the platform to serve international locations.

Setup | Home | Object Manager

Search Setup

sharing setting

∨ Security

  Sharing Settings

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

SETUP
Sharing Settings

No sharing rules specified.

Work Type Sharing Rules [New] [Recalculate]   Work Type Sharing Rules Help

No sharing rules specified.

Work Type Group Sharing Rules [New] [Recalculate]   Work Type Group Sharing Rules Help

No sharing rules specified.

Drop-Off Point Sharing Rules [New] [Recalculate]   Drop-Off Point Sharing Rules Help

Action	Criteria	Shared With	Access Level
Edit | Del	Drop-Off Point: Distance LESS THAN 15	Group: Iksha	Read Only
Edit | Del	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)	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 [New] [Recalculate]   Task Sharing Rules Help

No sharing rules specified.

Venue Sharing Rules [New] [Recalculate]   Venue Sharing Rules Help

No sharing rules specified.

Setup | Home | Object Manager

Search Setup

users

∨ Users

  Permission Set Groups
  Permission Sets
  Profiles
  Public Groups
  Queues
  Roles
  User Management Settings
  Users

∨ Feature Settings

  ∨ Data.com

    Prospector Users

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

SETUP
Users

All Users

Help for this Page

On this page you can create, view, and manage users.

To get more licenses, use the Your Account app. Let's Go

View: All Users ▾ | 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**

[New User] [Reset Password(s)] [Add Multiple Users]

	Action	Full Name ↑	Alias	Username	Role	Active	Profile
☐	Edit	Chatter Expert	Chatter	chatty.00dgy00000inycvmah.hiifwtf9kv2i@chatter.salesforce.com		✓	Chatter Free User
☐	Edit	CHEKURI, SAI SRAVANI	SCHEK	sravani@mvgr.com		✓	System Administrator
☐	Edit	Iksha_Foundation, Iksha Foundation	iiksh	ikshaa11foundation@sb.com		✓	NGOs Profile
☐	Edit	NSS, NSS	nnss	nss@sb12.com		✓	NGOs Profile
☐	Edit	Street_Cause, Street Cause	sstre	streetcause12@sb.com		✓	NGOs Profile
☐	Edit	User, Integration	integ	integration@00dgy00000inycvmah.com		✓	Analytics Cloud Integration User
☐	Edit	User, Security	sec	insightssecurity@00dgy00000inycvmah.com		✓	Analytics Cloud Security User

[New User] [Reset Password(s)] [Add Multiple Users]

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**

SETUP
Report Types

All Custom Report Types

With custom report types, you can enable users to create reports from the predefined objects, object relationships, and fields that you specify.

View: All Custom Report Types | 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

New Custom Report Type

Action	Label ↑	Description	Category	Deployed	Created By Alias	Created Date
Edit | Del	Drop-Off Points with Volunteers with Execution Details	Drop-Off Points with Volunteers with Execution Details	Other Reports	✓	SCHEK	04/01/2025
Edit | Del	Orchestration Run Logs Spring '24	Find out which orchestration run logs were created and what happened in their associated orchestration runs.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Orchestration Runs Spring '24	Find out which orchestration runs were created.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Orchestration Stage Runs Spring '24	Find out which orchestration stage runs were created and the current status of each run.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Orchestration Step Runs Spring '24	Find out which orchestration step runs were created and the current status of each run.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Orchestration Work Items Spring '24	Find out which orchestration work items were created, who's the associated assignee, and what's the current status of each work item.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Program Definition Spring '24	Review your analytics with a program-like structure. See each program task, target day, results, and more directly in a report and dashboard.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Program Definition Summer '24	Review your analytics with a program-like structure. See each program task, target day, results, and more directly in a report and dashboard.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Program Item Progress Spring '24	Report on tasks like exercises, milestones, and outcomes progress. Overall program progress isn't captured in this report.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Program Item Progress Summer '24	Report on tasks like exercises, milestones, and outcomes progress. Overall program progress isn't captured in this report.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Program Progress Spring '24	Report on program progress. Specific progress on milestones and exercises aren't captured in this report.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Program Progress Summer '24	Report on program progress. Specific progress on milestones and exercises aren't captured in this report.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Screen Flows	Find out which flows get executed and how long users take to complete each flow screen.	Other Reports	✓	autoproc	04/01/2025
Edit | Del	Venue with DropOff with Volunteer	Venue with DropOff with Volunteer	Other Reports	✓	SCHEK	04/01/2025

Show me fewer ▲ records per list page

FoodConnect — Home | Venues | Drop-Off Points | Tasks | Execution Details | Volunteers | Reports | Dashboards | * Analytics | X

Reports
Recent
3 items

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Sample Flow Report: Screen Flows	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	4/1/2025, 5:48 pm	▼
Created by Me	Volunteer Task		Private Reports	SAI SRAVANI CHEKURI	5/1/2025, 2:32 pm	▼
Private Reports	venue and Drop Off point		Custom Reports	SAI SRAVANI CHEKURI	4/1/2025, 10:46 pm	▼

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

SETUP
Tabs

Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Help for this Page

Custom Object Tabs   New   What Is This?

Action	Label	Tab Style	Description
Edit | Del	Drop-Off Points	Diamond	
Edit | Del	Execution Details	Star	
Edit | Del	Tasks	Bank	
Edit | Del	Venues	Sun	
Edit | Del	Volunteers	Building	

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?

No Lightning Page Tabs have been defined

Flow Builder   Venue Form - V1

Select Elements   Auto-Layout   Last saved on 5/1/2025, 04:24 pm   Active   Run   Debug   Save As New Version   Save   Deactivate

Start
Screen Flow

Venue Details
Screen

Create Venue Record
Create Records

End

Fields & Relationships
15 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED	
Created By	CreatedById	Lookup(User)			
Date	Date__c	Date			▼
Distanced	Distanced__c	Number(14, 4)			▼
Drop-Off Point	Drop_Off_Point__c	Lookup(Drop-Off Point)		✓	▼
Feedback	Feedback__c	Long Text Area(32768)			▼
Food Category	Food_Category__c	Picklist (Multi-Select)			▼
Last Modified By	LastModifiedById	Lookup(User)			
Name of the Person	Name_of_the_Person__c	Text(255)			▼
Number of People Served	Number_of_People_Served__c	Number(18, 0)			▼
Owner	OwnerId	Lookup(User,Group)		✓	
Phone	Phone__c	Phone			▼

Fields & Relationships
5 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

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)		✓	▼

Fields & Relationships
9 Items, Sorted by Field Label

Quick Find   New   Deleted Fields   Field Dependencies   Set History Tracking

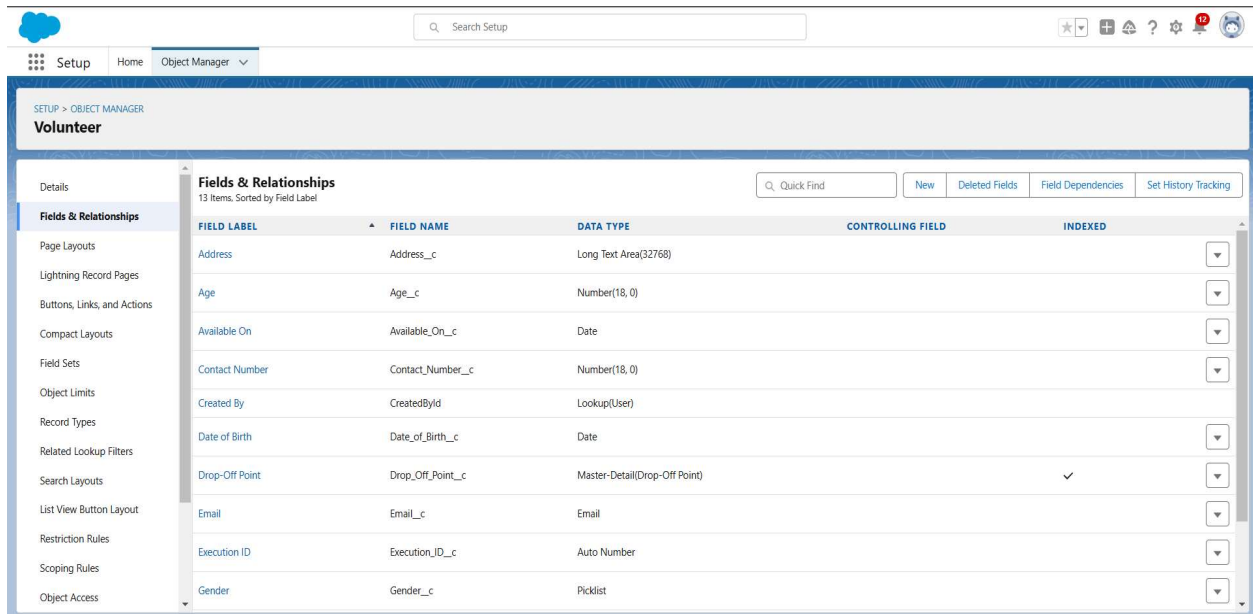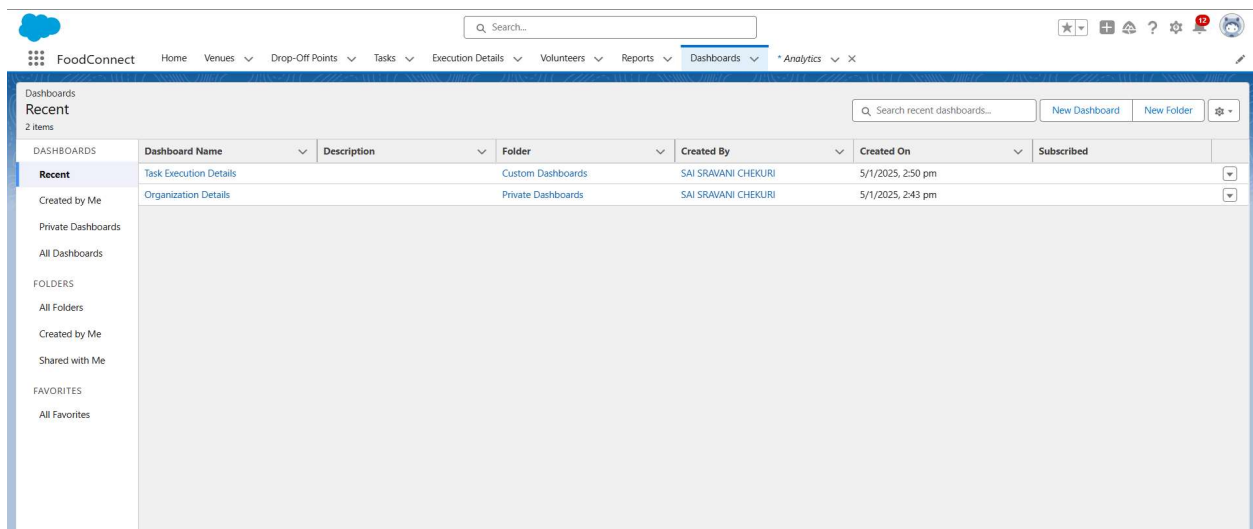| FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED	
Created By	CreatedById	Lookup(User)			
Distance	Distance__c	Number(14, 4)			▼
distance calculation	distance_calculation__c	Formula (Number)			▼
Drop-Off Point Name	Name	Text(80)		✓	▼
Last Modified By	LastModifiedById	Lookup(User)			
Location 2	Location_2__c	Geolocation			▼
Owner	OwnerId	Lookup(User,Group)		✓	
State	State__c	Picklist			▼
Venue__c	Venue__c	Lookup(Venue)		✓	▼

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules
Scoping Rules
Object Access

Fields & Relationships
8 Items, Sorted by Field Label

Quick Find   New   Deleted Fields   Field Dependencies   Set History Tracking

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)		✓	▼

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10. Conclusion

The Salesforce Food Connect System is a transformative platform aimed at addressing the dual problems of food wastage and hunger. By leveraging Salesforce CRM capabilities, this system ensures efficient food donation, distribution, and tracking. It not only reduces food waste but also positively impacts countless lives, contributing to a sustainable and equitable society.