To SupplyLeftover Food to Poor

➤ Project Overview

This project is focused on "To Supply Leftover Food to the Poor", designed to address the challenge of food wastage and hunger. The goal is to deliver a comprehensive solution by leveraging Salesforce Nonprofit Cloud, Service Cloud, and EinsteinAnalytics. Through this project, we aim to enhance food redistribution efficiency, improve operational visibility, and foster community engagement, supporting the long-termgoal of reducing food insecurity and minimizing food waste.

➤ Objectives

Business Goals

a. Minimize food waste by redirecting leftoverfood to those in need.

b. Create a transparent and traceable food donation process.

c. Empower donors,NGOs, and volunteers with a seamlessdigital experience.

Specific Outcomes

d. Development of a Salesforce-based platformto track and manage food donations.

e. Real-time inventory and logistics management for food pickups and deliveries.

f. Analytical dashboards to measure project impact and optimize operations.

➤ Salesforce Key Features and Concepts Utilized

Salesforce Nonprofit Cloud: For NGO collaboration and food requesttracking.

Service Cloud: For handlingdonor and volunteerinquiries.

Einstein Analytics: To provide actionable insights through dashboards and reports.

Custom Objects:

g. **Food Donations**: Tracks details of donated food.

h. **Pickup Schedules**: Manages logistics for pickups and deliveries.

i. **Distribution**: Logs food delivery to NGOs and end beneficiaries.

Automations:

j. Email/SMS alerts for donationconfirmations and task updates.

➤ Detailed Steps to SolutionDesign

Data Models

☐ **Entities:**

- Donor: Stores donor details
- Food Donation: Tracks donatedfood and quantity
- NGO: Manages charity details.
- Volunteer: Manages tasks assigned to volunteers.
- Distribution: Records food delivery status.

User Interface Designs

☐ **Donor Portal**: Simple and intuitiveinterface for loggingfood donations.

☐ **Volunteer Dashboard**: A task overviewpage displaying pendingand completed assignments.

☐ **NGO Management Panel**: Interface for NGOs to view available food and request donations.

Business Logic

☐ **Triggers**: Apex triggers to automatically assignlogistics resources to food donations.

☐ **Validation Rules**: Ensures data integrityfor donation entries(e.g., food expiry dates).

☐ **Scheduled Jobs**: Automates the cleanupof expired food donation records.

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Q Search...

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

Dashboard
Task Execution Details
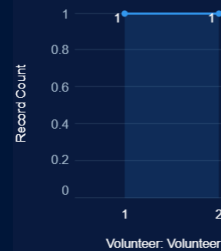As of 13-Jan-2025, 2:35 pm·Viewing as Sravan Kumar Bandaru

Open | Refresh | Subscribe | ⌄

Venue Form

Venue Name

venue and Drop Off point

Venue Nam...	Drop-Off Point N...	Dista...
99 Mess	srikakulam	247.380
Hotel taj	Vizianagaram	1.1876ĸ

Email
you@example.com

Phone

Food
Connect

Venue Location

Volunteer Task

Latitude

Record Count

longitude

Volunteer: Volunteer ID

View Report (venue and Drop Off point)

View Report (Volunteer Task)

SETUP
Profiles

Profiles

All Profiles ⌄ | Edit | Delete | Create New View

New Profile | ↻

A | B | C | D | E | F | G | H | I | J | K | L | M | **N** | O | P | Q | R | S | T

☐ Action	Profile Name ↑	User License	Custom
☐ Edit | Del |...	NGOs Profile	Salesforce Platform	✔

Venue
Hotel taj

Related | **Details**

Venue Name
Hotel taj ✏

Contact Email
taj@gmail.com ✏

Contact Phone
9584641415 ✏

Location
15, 16 ✏

Venue Location
Vizag ✏

Owner
👤 Sravan Kumar Bandaru

Created By
👤 Sravan Kumar Bandaru, 13/01/2025, 2:29 pm

Last Modified By
👤 Sravan Kumar Bandaru, 13/01/2025, 2:29 pm

Drop-Off Point
Vizianagaram

Related | **Details**

Drop-Off Point Name
Vizianagaram ✏

Venue__c
Hotel taj ✏

Location 2
25, 20 ✏

distance calculation
1,187.64

State
Andhra Pradesh ✏

Distance
1,187.6400 ✏

Owner
👤 Sravan Kumar Bandaru

Created By
👤 Sravan Kumar Bandaru, 13/01/2025, 2:31 pm

Last Modified By
👤 Sravan Kumar Bandaru, 13/01/2025, 2:31 pm

Task
Supply food

Related | **Details**

Task Name
Supply food ✏

Owner
🐼 Sravan Kumar Bandaru 👤

Venue
Hotel taj ✏

Drop-Off Point
Vizianagaram ✏

Task ID
TASK-2

Date
08/01/2025 ✏

Food Category
Veg;Non-Veg ✏

Number of People Served
100 ✏

Name of the Person
Sravan ✏

Phone

Volunteer
Suresh

Related | **Details**

Volunteer Name
Suresh ✏

Drop-Off Point
Vizianagaram

Volunteer ID
2

Gender
Male ✏

Available On
08/01/2025 ✏

Age
25 ✏

Email
suresh12@gmail.com ✏

Contact Number
9,96,85,92,333 ✏

Execution Detail
Supply food

| Related | **Details** |

Execution Detail Name
Supply food ✎

Volunteer
Suresh

Task
Supply food

Created By
👤 Sravan Kumar Bandaru, 13/01/2025, 2:34 pm

Last Modified By
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➤ Testing and Validation

Unit Testing:

    a. Apex classes and triggers were tested with a minimumof 95% code coverage.

    b. Validation rules and workflows were tested with dummy data to ensure correct behavior.

User Interface Testing:

    c. Conducted end-to-end testingfor donor,NGO, and volunteerportals.

    d. Ensured mobile compatibilityfor on-the-goaccess.

    e. Tested usability with stakeholders for a user-friendly experience.

➤ Key Scenarios Addressed by Salesforce in the Implementation Project

This givesclarity that you are addressing various use casesor situations that Salesforce can handle during the implementation.

Food Donation Management: Donors can log leftover food details, and the system tracks food availability in real time.
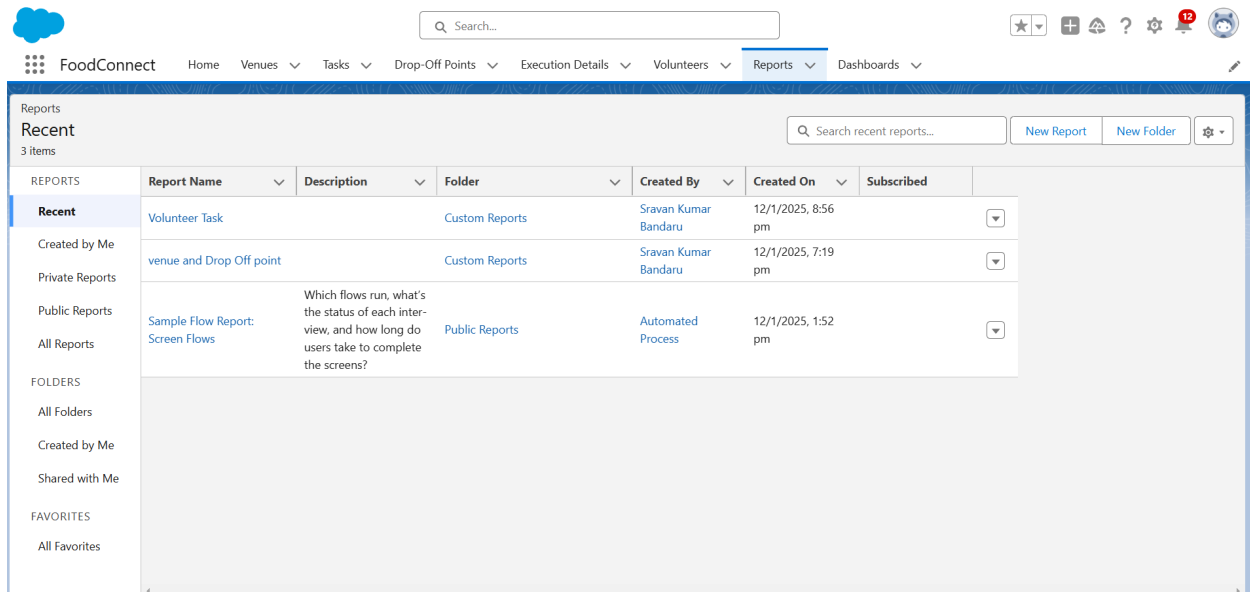
Pickup and DeliveryScheduling: Volunteers receiveautomated assignments for

Smart
Internz

SMARTBRIDGE
Let's Bridge the Gap
a Veranda Enterprise

salesforce PARTNER

pickups and deliveries.

Transparency and Reporting: NGOs receive detailedreports on food distribution, while donors can track their impact.

Scalability: The system supportsmultiple regions and can expand as the initiative grows.

Quality Assurance: Alerts notify the system admin about food nearing expiration, ensuring timely distribution.
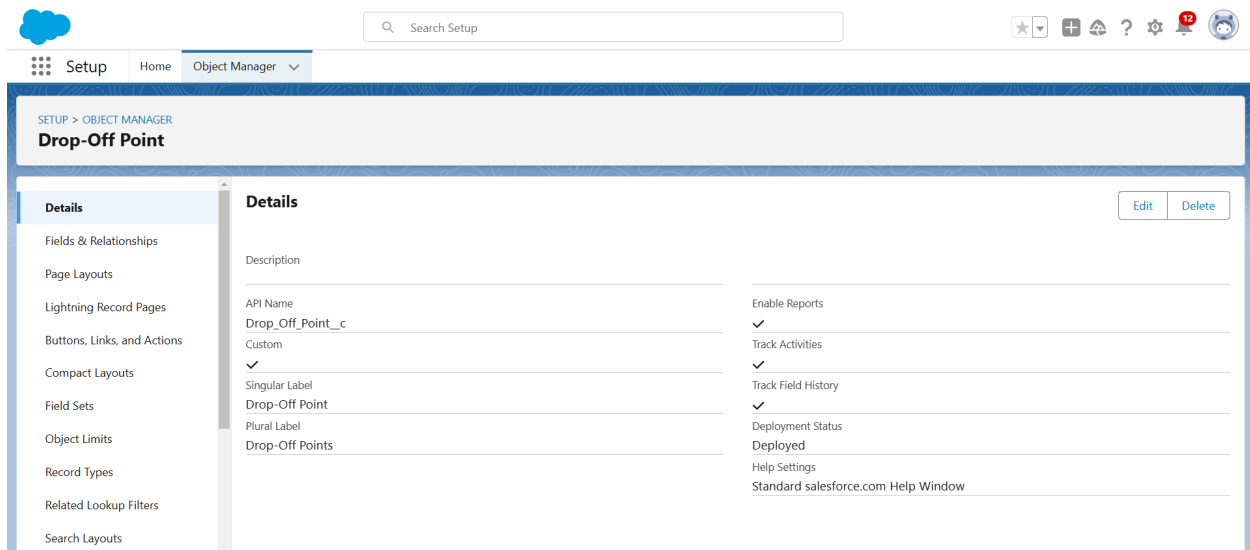

➤ Conclusion

The **"To SupplyLeftover Food to the Poor"** project successfully addresses the dual challenge of food waste and hunger by implementing a Salesforce-based solution.

Achievements include:

      a. Development of a transparent and efficient food redistribution platform.

      b. Empowerment of stakeholders with real-time insights and streamlined workflows.

      c. Significant reduction in food wasteand meaningful contributions to communities in need.

This projectdemonstrates the power of technology in addressing socialchallenges and lays a foundation for future expansion and innovation.