

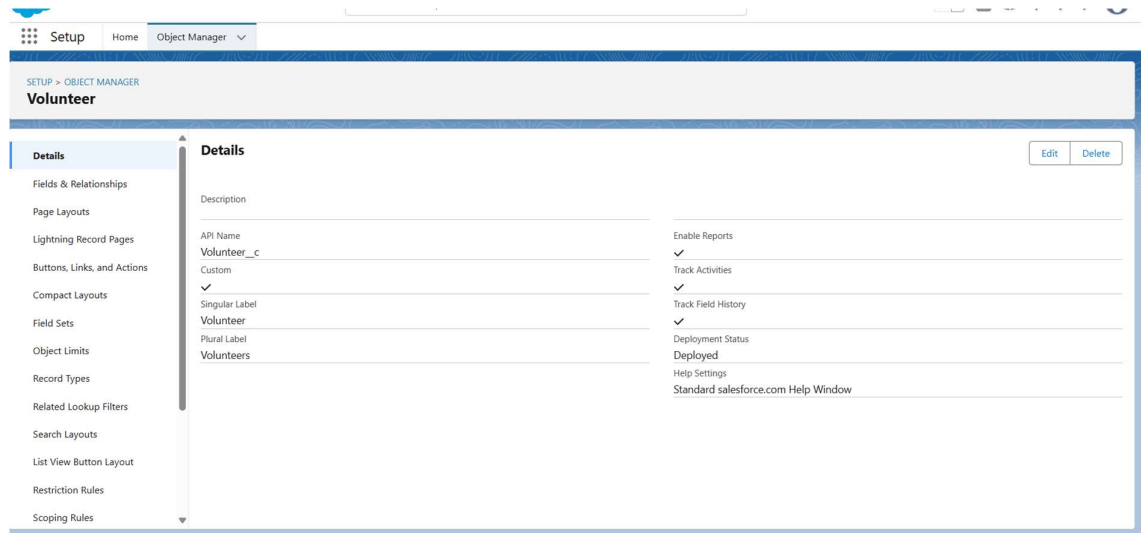
# PROJECT FILES

Date	19 JUNE 2025
Team ID	LTVIP2025TMID31579
Project Name	To Supply Le over Food to Poor
Maximum Marks	

## A. Custom Objects (in Salesforce)

Created via Salesforce Setup to manage the end-to-end food donation process:

- **Donor** (restaurants, individuals)
- **FoodItem** (details of leftover food)
- **Volunteer** (person assigned to collect/deliver)
- **NGO/Recipient Center**
- **DeliveryRecord** (linked to food item and recipient)



SETUP > OBJECT MANAGER

## 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

**Details**

Edit Delete

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

## B. Custom Tabs and App

- Tabs for: Donor, FoodItem, Volunteer, NGO, DeliveryRecord

SETUP

## Tabs

Experience and the mobile app.

Custom Object Tabs

New What Is This?

Action	Label	Tab Style
Edit   Del	Drop-Off Points	Building
Edit   Del	Execution Details	Bank
Edit   Del	Tasks	Cell phone
Edit   Del	Venues	Airplane
Edit   Del	Volunteers	Heart

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?

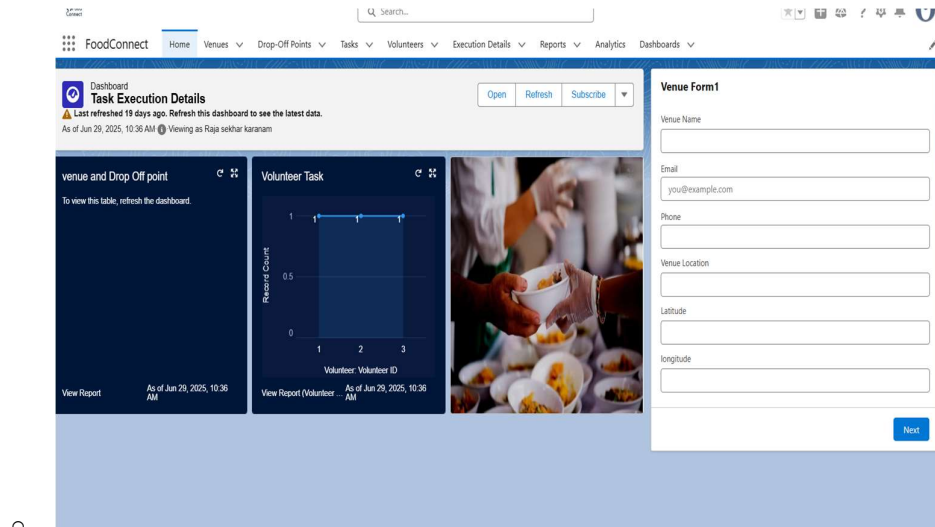
No Lightning component tabs have been defined

Lightning Page Tabs

New What Is This?

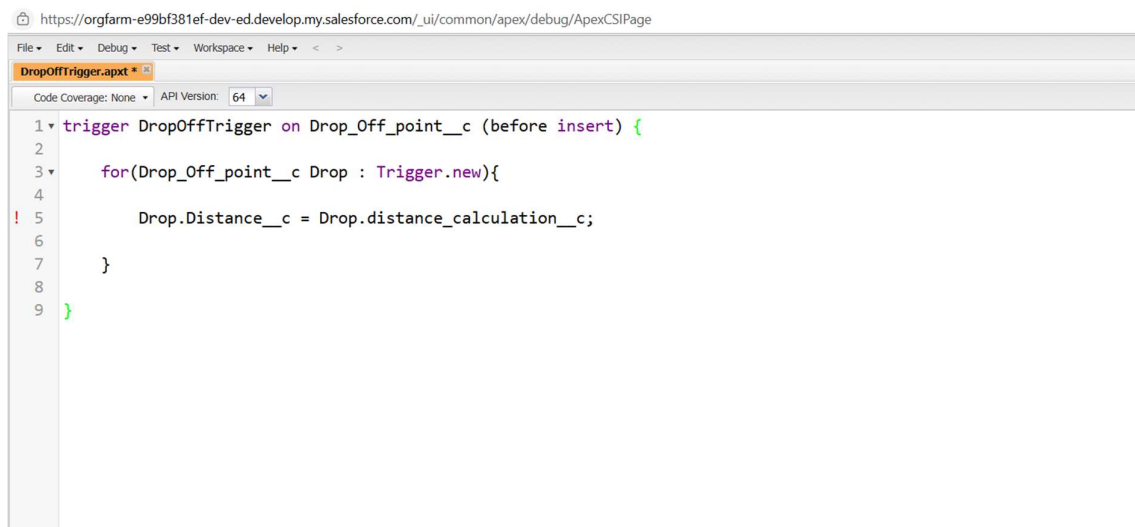
No Lightning Page Tabs have been defined

- Lightning App: **FoodConnect**
  - Navigation between tabs
  - Mobile & desktop responsive UI



### C. Apex Code (Custom Backend Logic)

- **Apex Trigger:** FoodItemTrigger — auto-match food to closest volunteer
- **Handler Class:** FoodDeliveryHandler
- **Scheduled Apex:** DailyPickupSummaryScheduler  
Sends a daily summary of available food items to volunteers.



### D. Validation Rules

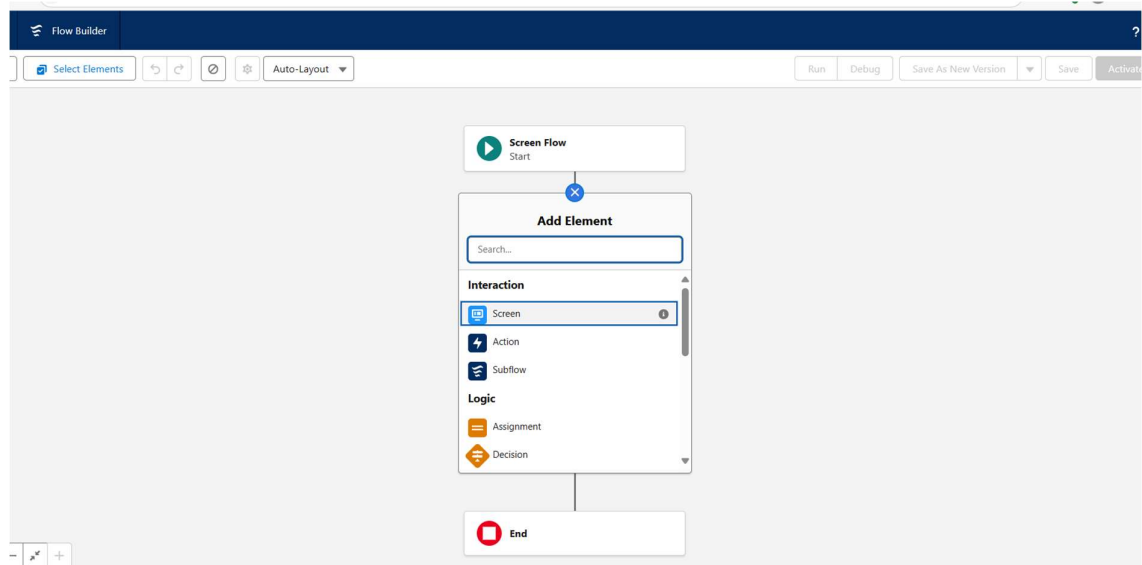
- **FoodItem:**  
Expiry\_Date\_\_c > Created\_Date\_\_c
- **DeliveryRecord:**  
Must have both Donor and NGO assigned before status changes to "In Transit"

## E. Approval Process

- Admin approval required for:
  - New donor registrations
  - NGO partnership onboarding

## F. Flows

- **Record-Triggered Flow:**  
When FoodItem is created → auto-notify nearby volunteers
- **Scheduled Flow:**  
Daily reminder to donors if food is uncollected within 4 hours



- **Screen Flow:**  
For NGO user registration with multi-step verification

New Automation

Save

Screen Automations

Showing 38 of 68 results

Filter By ☐ Triggered ☐ Scheduled ☒ Screen ☐ AutoLaunched

Types (5)

Screen Flow

Guides users through a business process that's launched from Lightning pages, Experience Cloud sites, quick actions, and more.

User Provisioning Flow

Create a user account and link it to a third-party service or app.

Salesforce Scheduler Flow

Create a new flow for use in Salesforce Scheduler Flow.

Contact Request Flow

Create self-service forms to collect contact details.

Individual-Object Linking Flow

Links contacts, leads, person accounts, or employees to other records in a screen flow.

Templates (33)

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