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)
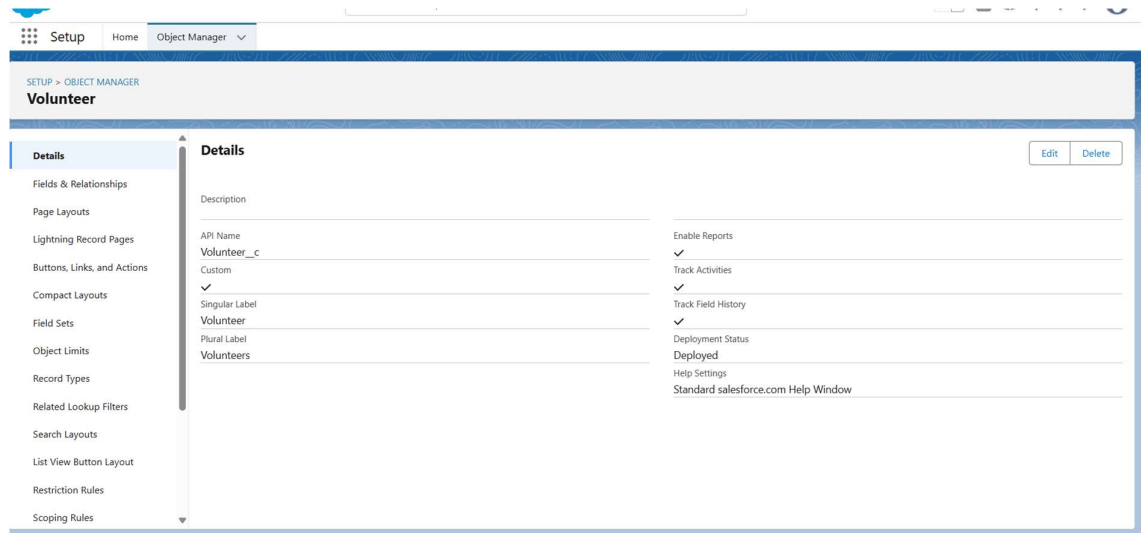
B. Custom Tabs and App

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

- Lightning App: **FoodConnect**

    o Navigation between tabs

    o Mobile & desktop responsive UI

○
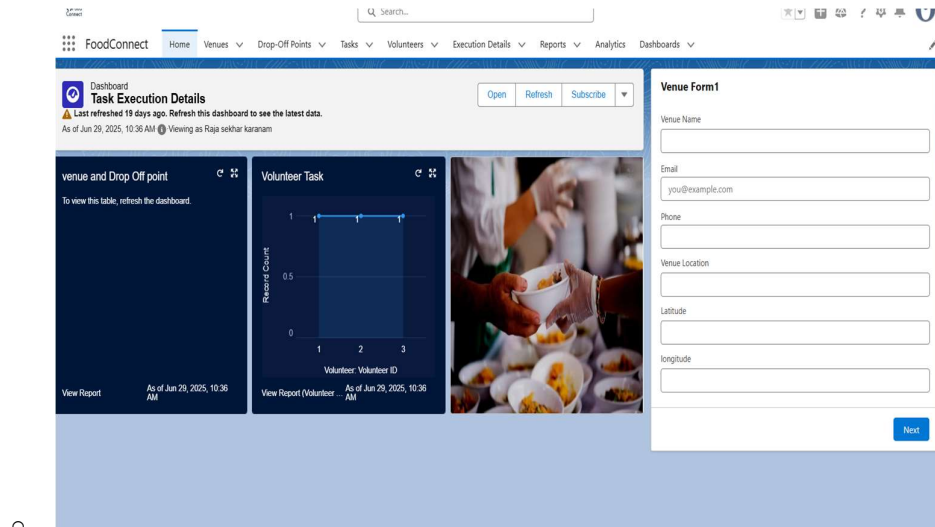
C. Apex Code (Custom Backend Logic)

- **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.


```
https://orgfarm-e99bf381ef-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File ▾   Edit ▾   Debug ▾   Test ▾   Workspace ▾   Help ▾   <   >
DropOffTrigger.apxt *
Code Coverage: None ▾   API Version:  64  ▾

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 }
```
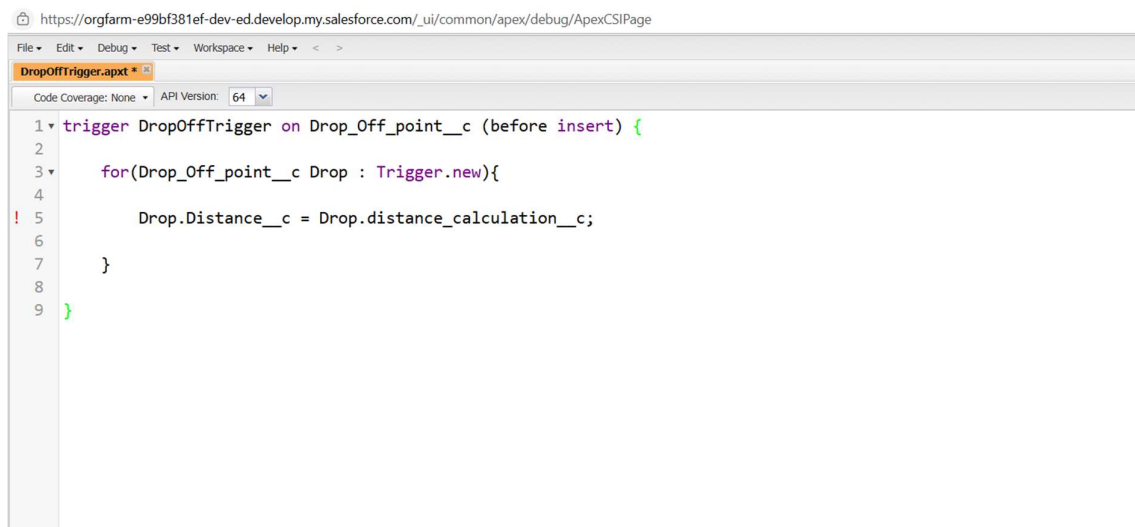
D. Validation Rules

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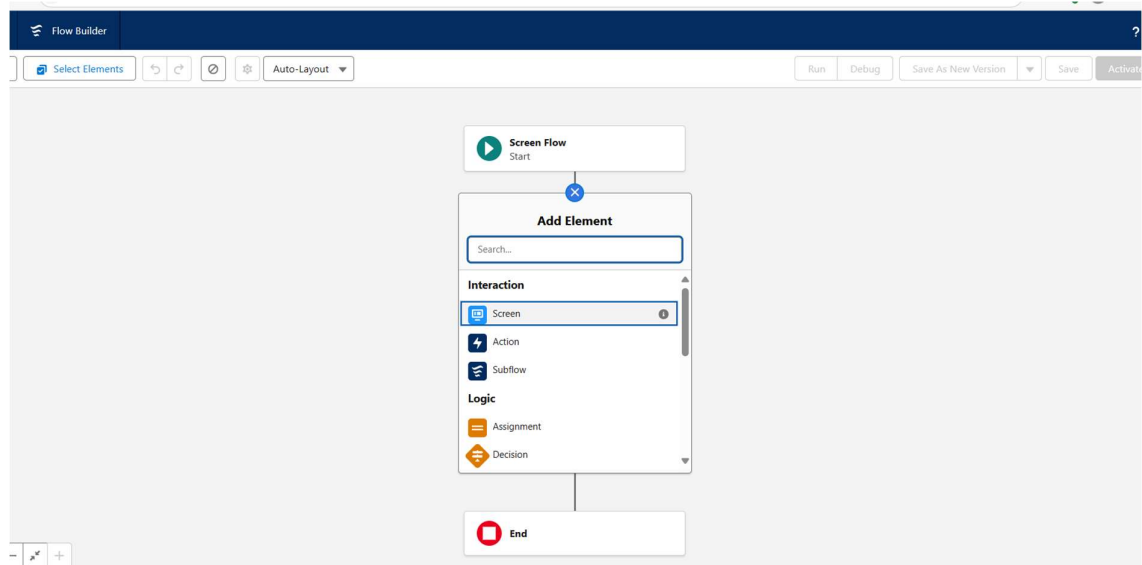
- **Screen Flow**:
  For NGO user registration with multi-step verification

Screen Automations

Showing 38 of 68 results

Filter By ☐ Triggered ☐ Scheduled ☑ Screen ☐ AutoLaunched

Search automations...

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)

Save

Back