# TO SUPPLY LEFTOVER FOOD TO POOR

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College code: bruaj

TEAM ID: NM2025TMID25465

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# 1.INTRODUCTION

## 1.1 Project overview

Food wastage is a major global concern, while millions go hungry every day. This project aims to bridge that gap by collecting leftover, yet edible and hygienic food from

restaurants, events, households, and other sources, and redistributing it to the underprivileged and homeless communities. The initiative focuses on reducing food waste while addressing hunger in local neighborhoods.
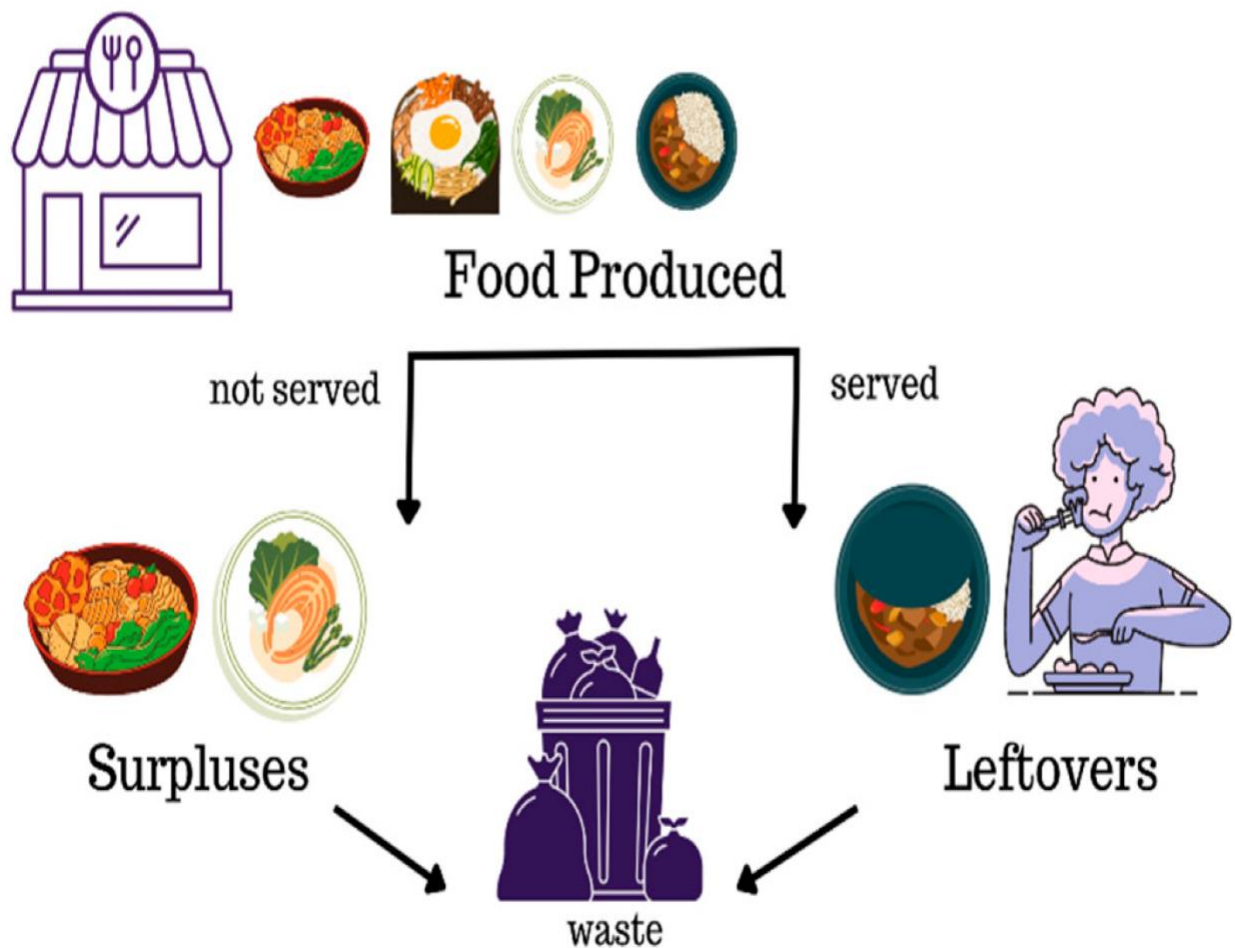


## 1.2 Purpose

The purpose of this project is to minimize food waste and combat hunger by collecting surplus or leftover food from restaurants, hotels, events, and households, and redistributing it to underprivileged and food-insecure communities. This initiative aims to create a sustainable and

organized system for food recovery and donation, promoting social welfare, environmental sustainability, and community responsibility.

# DEVELOPMENT PHASE

**Creating developer account:**

By using this URL - https://developer.salesforce.com/signup

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

**Volunteer**

**Details**

Details | Edit | Delete

Description

| API Name | Enable Reports |
| --- | --- |
| Volunteer__c | ✓ |
| Custom | Track Activities |
| ✓ | ✓ |
| Singular Label | Track Field History |
| Volunteer | ✓ |
| Plural Label | Deployment Status |
| Volunteers | Deployed |
| | Help Settings |
| | Standard salesforce.com Help Window |

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

**Execution Detail**

**Details**

Details | Edit | Delete

Description

| API Name | Enable Reports |
| --- | --- |
| Execution_Detail__c | ✓ |
| Custom | Track Activities |
| ✓ | ✓ |
| Singular Label | Track Field History |
| Execution Detail | ✓ |
| Plural Label | Deployment Status |
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- Creating custom tabs: Venue, Drop-Off Point, Task, Volunteer, Execution Details.

SETUP
**Tabs**

Custom Object Tab
**Venues**

Help for this Page

Below is the information for the custom tab. Click Edit to change the custom tab.

**Custom Tab Definition Detail**    Edit | Delete

| | | | |
| --- | --- | --- | --- |
| Tab Label | Venues | Tab Style | Laptop |
| Object | Venue | Splash Page Custom Link | |
| Description | | | |
| Created By | RATHIKA A, 8/29/2025, 7:08 AM | Modified By | RATHIKA A, 8/29/2025, 7:08 AM |

Custom Object Tab
# Drop-Off Points

Below is the information for the custom tab. Click Edit to change the custom tab.

**Custom Tab Definition Detail**     Edit   Delete

| | | | |
|---|---|---|---|
| Tab Label | Drop-Off Points | Tab Style | Books |
| Object | Drop-Off Point | Splash Page Custom Link | |
| Description | | | |
| Created By | RATHIKA A, 8/29/2025, 7:09 AM | Modified By | RATHIKA A, 8/29/2025, 7:09 AM |

Custom Object Tab
# Tasks

Below is the information for the custom tab. Click Edit to change the custom tab.

**Custom Tab Definition Detail**     Edit   Delete

| | | | |
|---|---|---|---|
| Tab Label | Tasks | Tab Style | Headset |
| Object | Task | Splash Page Custom Link | |
| Description | | | |
| Created By | RATHIKA A, 8/29/2025, 7:10 AM | Modified By | RATHIKA A, 8/29/2025, 7:10 AM |

Custom Object Tab
# Volunteers

Below is the information for the custom tab. Click Edit to change the custom tab.

**Custom Tab Definition Detail**     Edit   Delete

| | | | |
|---|---|---|---|
| Tab Label | Volunteers | Tab Style | Telescope |
| Object | Volunteer | Splash Page Custom Link | |
| Description | | | |
| Created By | RATHIKA A, 8/29/2025, 7:11 AM | Modified By | RATHIKA A, 8/29/2025, 7:11 AM |

- Creating lightning app.
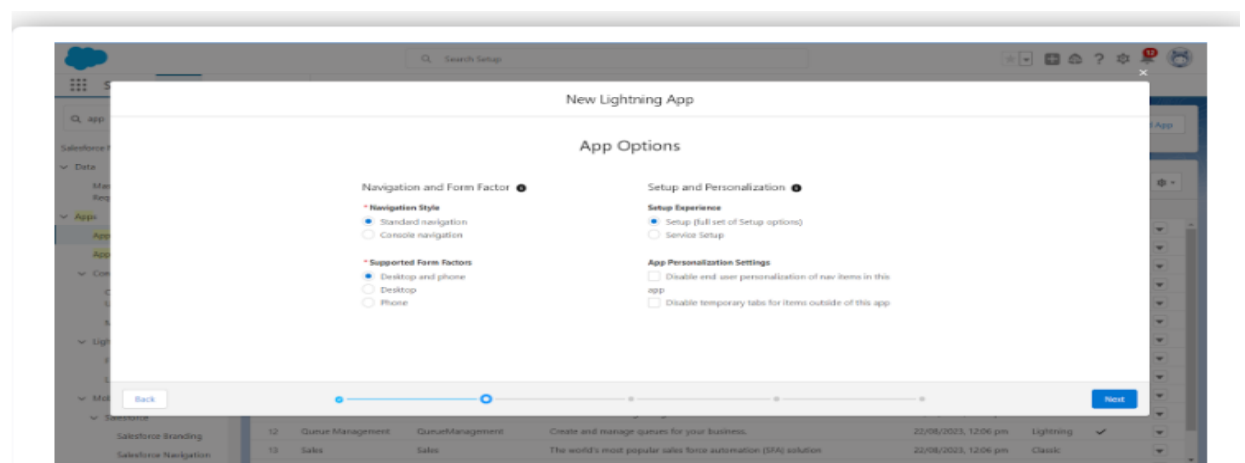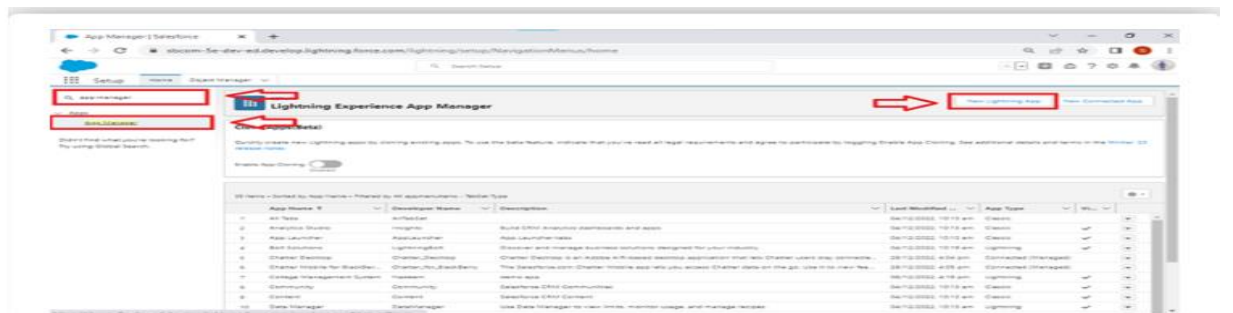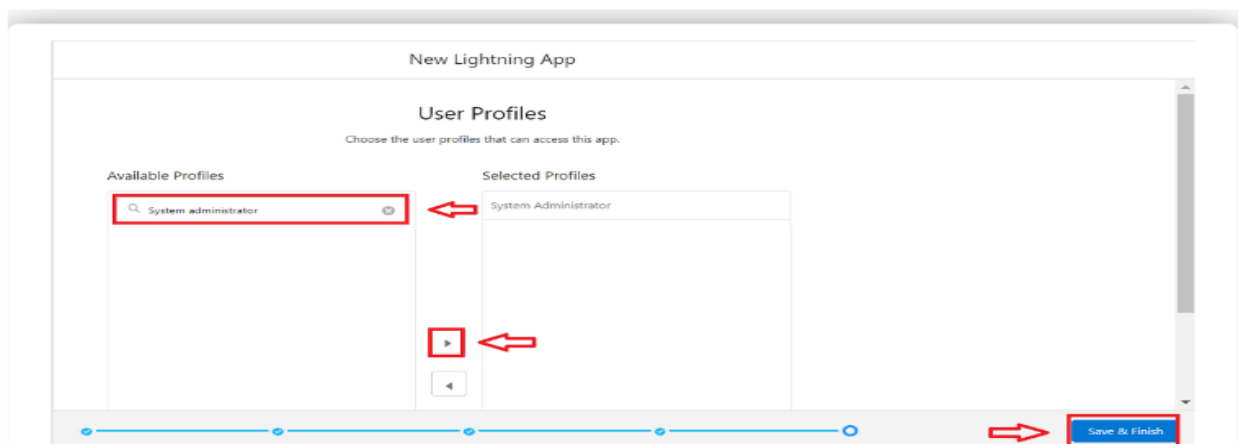
- Creating fields and relationships.

**Venue**

## Fields & Relationships
8 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking
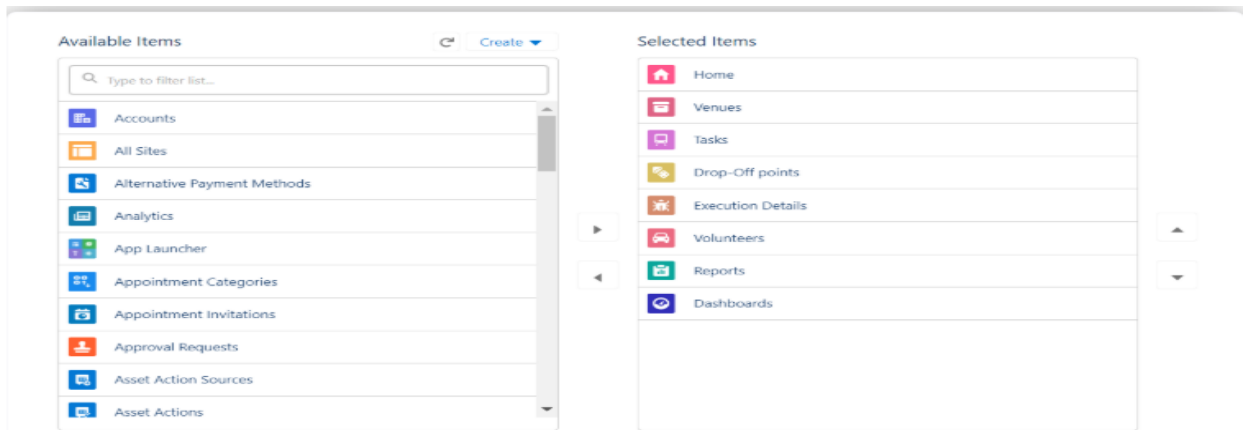
| FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED | |
|---|---|---|---|---|---|
| Contact Email | Contact_Email__c | Email | | | ▾ |
| Contact Phone | Contact_Phone__c | Phone | | | ▾ |
| Created By | CreatedById | Lookup(User) | | | |
| Last Modified By | LastModifiedById | Lookup(User) | | | |
| Location | Location__c | Geolocation | | | ▾ |
| Owner | OwnerId | Lookup(User,Group) | | ✓ | |
| Venue Location | Venue_Location__c | Long Text Area(32768) | | | ▾ |
| Venue Name | Name | Text(80) | | ✓ | ▾ |

Details
**Fields & Relationships**
Page Layouts
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Buttons, Links, and Actions
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Object Limits
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Related Lookup Filters
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List View Button Layout
Restriction Rules

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**Drop-Off Point**

## 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 | Venue__c | Lookup(Venue) | | ✓ | ▾ |

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Restriction Rules

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**Task**

## 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 | | | ▾ |
| 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) | | | |
| Name of the Person | Name_of_the_Person__c | Text(100) | | | ▾ |
| Number of People Served | Number_of_People_Served__c | Number(18, 0) | | | ▾ |

Details
**Fields & Relationships**
Page Layouts
Lightning Record Pages
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Restriction Rules

Details

**Fields & Relationships**
Fields & Relationships
13 Items, Sorted by Field Label

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

| 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 | | | ▼ |

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

Details

**Fields & Relationships**
Fields & Relationships
5 Items, Sorted by Field Label

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

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) | | ✓ | ▼ |

- Creating flows to create a record in venue object.

- Creating Trigger code.



```
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  }
```

- Creating profiles.

- Creation of users.



- Creation of public groups.

- Creation of report types.



- Creation of Report on Venue with Drop Off with Volunteer
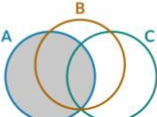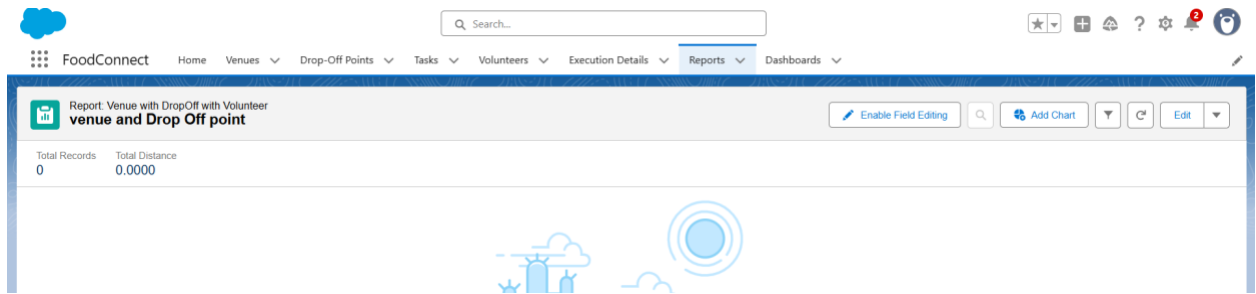
- Creation of Report on Volunteers with Execution Details and Tasks.
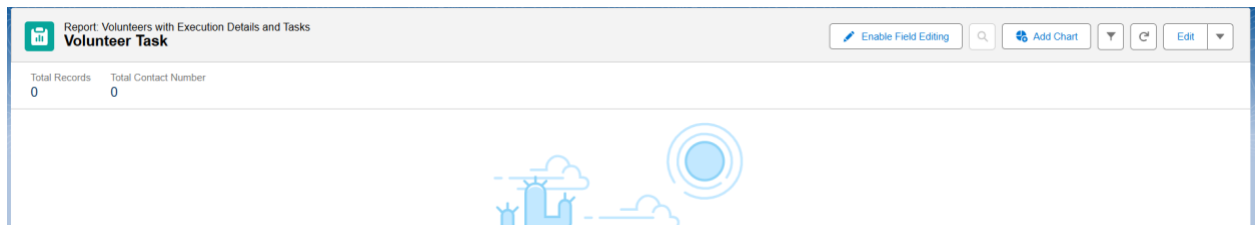


- Creation of dashboard.

  ➢ Adding venue and Drop Off point Report to the dashboard.

➢ Adding Volunteer Task Report to the dashboard.



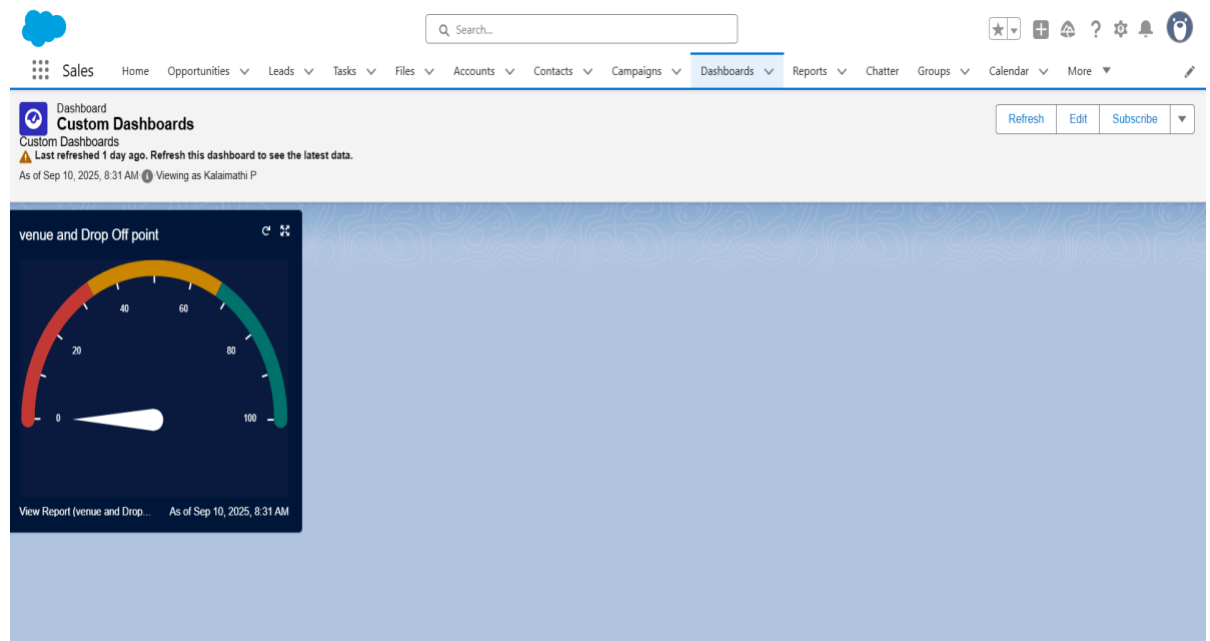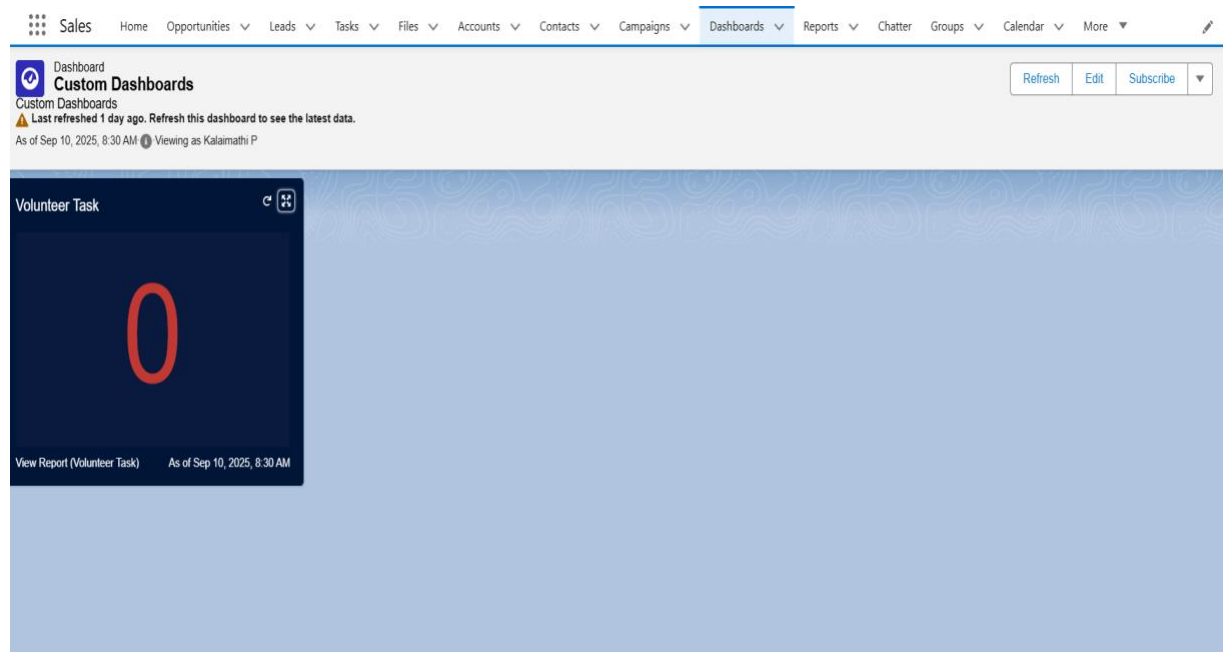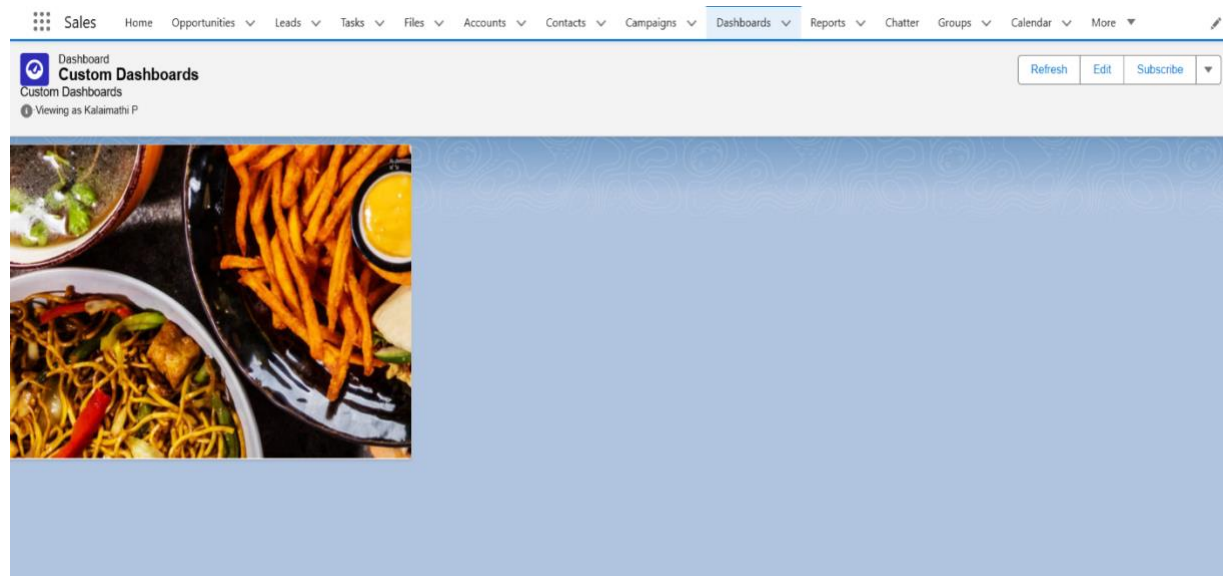➢ Adding a picture to the dashboard.



• Creation of sharing rules.

## Drop-Off Point Sharing Rules

| 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 |

- Creation of home page.

  - Home page of Food connect app.

# Custom Dashboards

Custom Dashboards

⚠ Last refreshed 2 days ago. Refresh this dashboard to see the latest data.

As of Sep 10, 2025, 8:31 AM · ⓘ ·Viewing as Kalaimathi P

Open | Refresh | Subscribe | ▼

## venue and Drop Off point



View Report (venue and Dro... | As of Sep 10, 2025, 8:31 AM

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# Custom Dashboards

Custom Dashboards

⚠ Last refreshed 2 days ago. Refresh this dashboard to see the latest data.

As of Sep 10, 2025, 8:30 AM · ⓘ ·Viewing as Kalaimathi P

Open | Refresh | Subscribe | ▼

## Volunteer Task



0
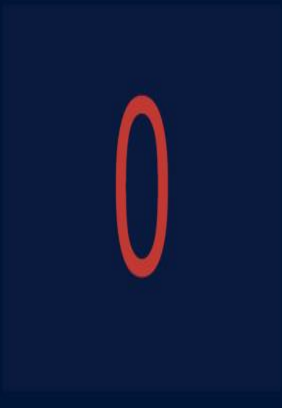
View Report (Volunteer Task) | As of Sep 10, 2025, 8:30 AM
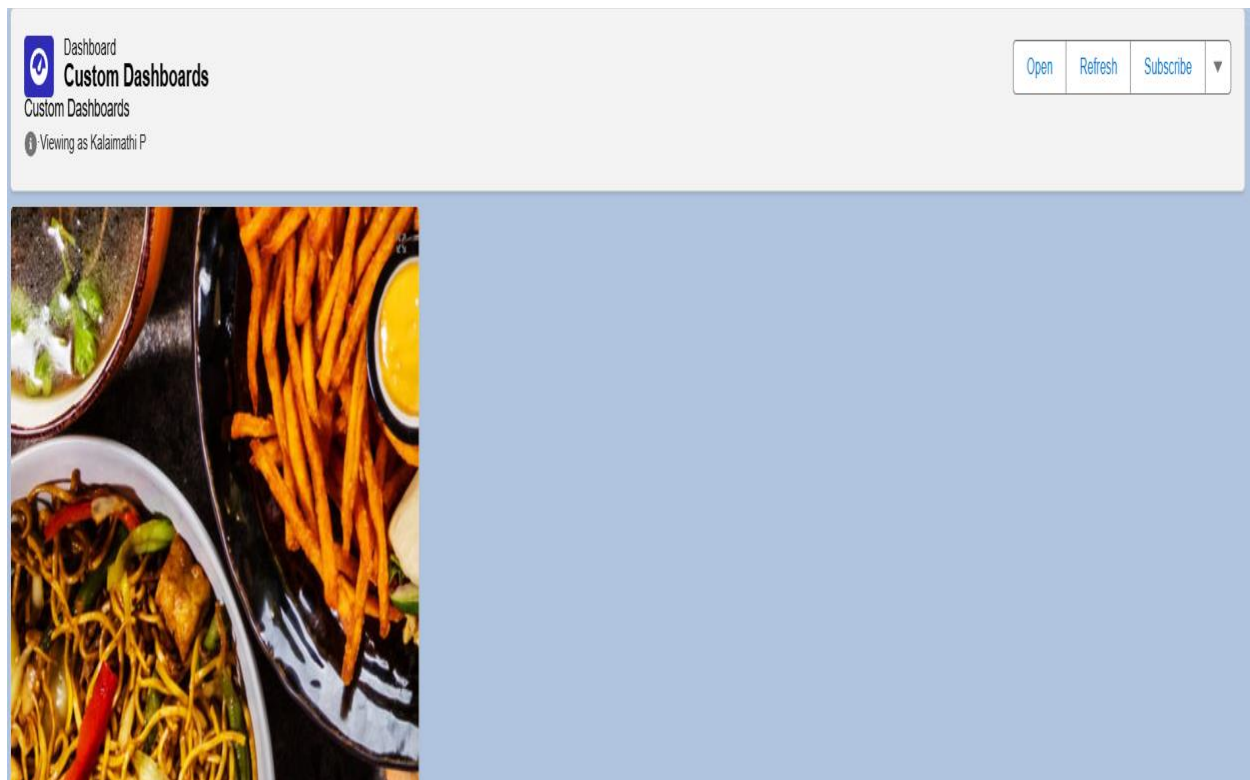
# ADVANTAGES AND DISADVANTAGES

## ADVANTAGES:

➢ **Reduces Hunger:**

- Helps feed the poor and homeless who might otherwise go without food.

➢ **Minimizes Food Waste:**

- Prevents good, edible food from being thrown away by hotels, restaurants, events, and households.

➢ **Promotes Social Responsibility:**

- Encourages individuals and organizations to think about their impact and give back to society.

➢ **Cost-Effective Solution:**

- Utilizes already prepared food, reducing the need for additional resources to cook meals.

➤ **Environmental Benefits:**

- Reduces the burden on landfills and lowers greenhouse gas emissions caused by rotting food waste.

➤ **Community Engagement:**

- Brings together volunteers, NGOs, and local businesses in a meaningful social cause.

# DISADVANTAGES:

➤ **Food Safety Concerns:**

- If not stored or handled properly, leftover food can spoil and cause health issues.

➤ **Logistical Challenges:**

- Collecting, storing, and distributing food quickly and safely requires strong planning and infrastructure.

➤ **Irregular Supply:**

- Leftover food may not be available consistently, making it hard to rely on this as a steady food source.

➤ **Legal & Liability Issues:**

- Restaurants and food donors might be hesitant to participate due to fear of legal consequences if someone falls ill.

➤ **Lack of Awareness:**

- Many people and organizations may not know how or where to donate leftover food.

➤ **Short Shelf Life:**
- Leftover food has a limited time before it becomes unsafe to eat, requiring quick action and fast delivery.

# CONCLUSION:

The initiative to supply leftover food to the poor is not just a step toward reducing hunger, but also a significant stride in minimizing food wastage and promoting social responsibility. By bridging the gap between food surplus and food scarcity, this project empowers communities to work together toward a more equitable society. Through proper collection, storage, and distribution of edible leftover food, we can ensure that no meal goes to waste and no person sleeps hungry. With continued awareness, support from volunteers, and collaboration with local businesses and organizations, this mission has the potential to create a sustainable impact on both hunger and food waste across the nation.