

TO SUPPLY LEFTOVER FOOD TO POOR

College name: A.V.P. College of arts and science

College code: bruaj

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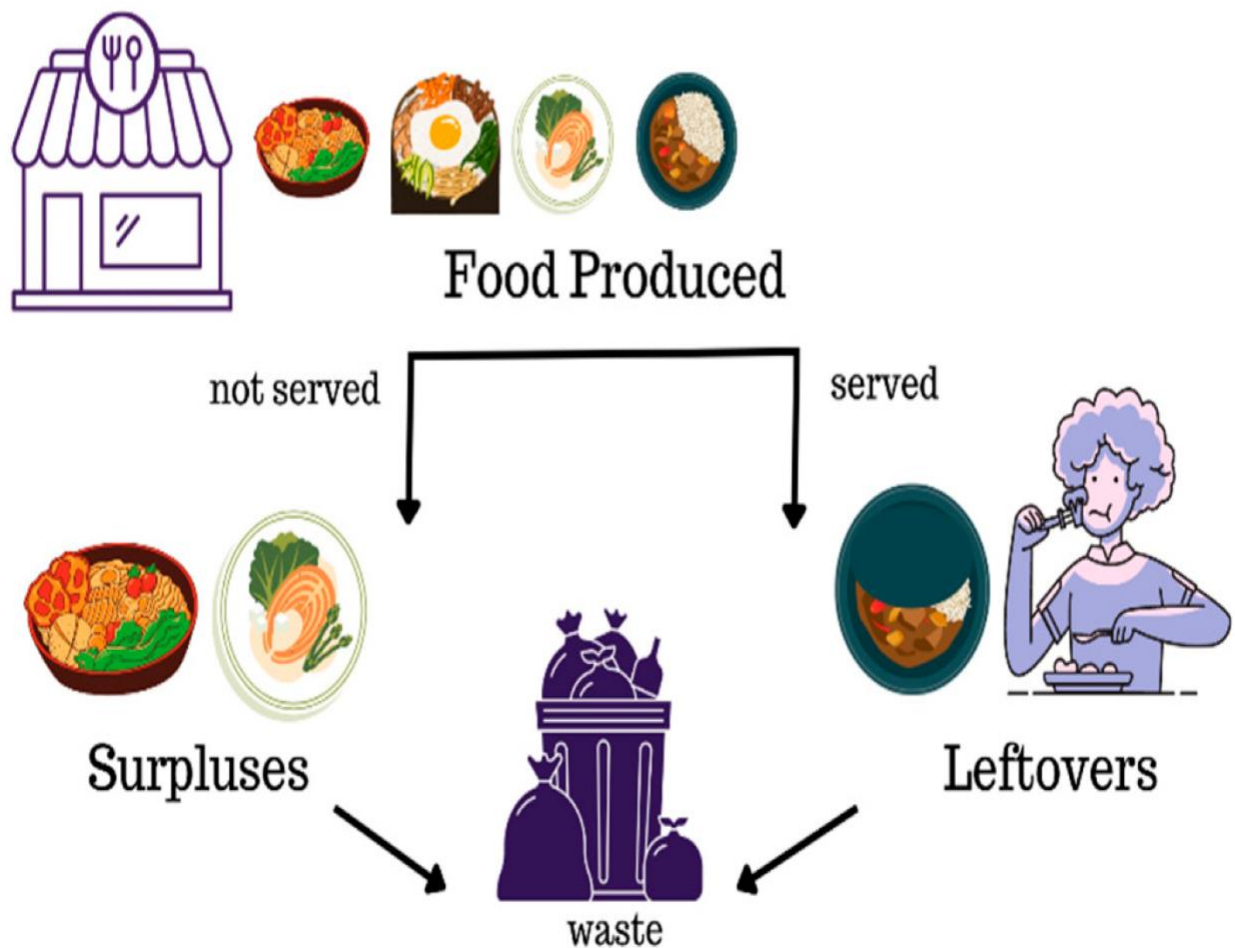
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1.INTRODUCTION

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:




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First name	Last name
<input type="text" value="RATHIKA"/>	<input type="text" value="A"/>


Job title	Work email
<input type="text" value="Developer"/>	<input type="text" value="rathikarathika98438@"/>

Company	Country/Region
<input type="text" value="A.V.P. College of arts a"/>	<input type="text" value="India"/>

Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure.

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☐ I'm not a robot 

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

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

Details

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

EditDelete

SETUP > OBJECT MANAGER

Drop-Off Point

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

Description

API Name

Drop_Off_Point__c

Custom

✓

Singular Label

Drop-Off Point

Plural Label

Drop-Off Points

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

EditDelete

SETUP > OBJECT MANAGER

Task

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

Description

API Name

Task__c

Custom

✓

Singular Label

Task

Plural Label

Tasks

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

EditDelete

SETUP > OBJECT MANAGER

Volunteer

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

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Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Details

Description

API Name

Volunteer_c

Custom

✓

Singular Label

Volunteer

Plural Label

Volunteers

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

EditDelete

SETUP > OBJECT MANAGER

Execution Detail

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

Details

Description

API Name

Execution_Detail_c

Custom

✓

Singular Label

Execution Detail

Plural Label

Execution Details

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

EditDelete

- 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

EditDelete

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

Help for this Page

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


Custom Tab Definition Detail		<div> <div>Edit</div> <div>Delete</div> </div>	
Tab Label	Drop-Off Points	Tab Style	 Books
Object	Drop-Off Point	Splash Page Custom Link	
Description			
Created By	RATHIKAA , 8/29/2025, 7:09 AM	Modified By	RATHIKAA , 8/29/2025, 7:09 AM

Custom Object Tab

Tasks

Help for this Page

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

Custom Tab Definition Detail		<div> <div>Edit</div> <div>Delete</div> </div>	
Tab Label	Tasks	Tab Style	 Headset
Object	Task	Splash Page Custom Link	
Description			
Created By	RATHIKAA , 8/29/2025, 7:10 AM	Modified By	RATHIKAA , 8/29/2025, 7:10 AM

Custom Object Tab

Volunteers

Help for this Page

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

Custom Tab Definition Detail		<div> <div>Edit</div> <div>Delete</div> </div>	
Tab Label	Volunteers	Tab Style	 Telescope
Object	Volunteer	Splash Page Custom Link	
Description			
Created By	RATHIKAA , 8/29/2025, 7:11 AM	Modified By	RATHIKAA , 8/29/2025, 7:11 AM

SETUP

Tabs

Custom Object Tab

Execution Details

Help for this Page

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

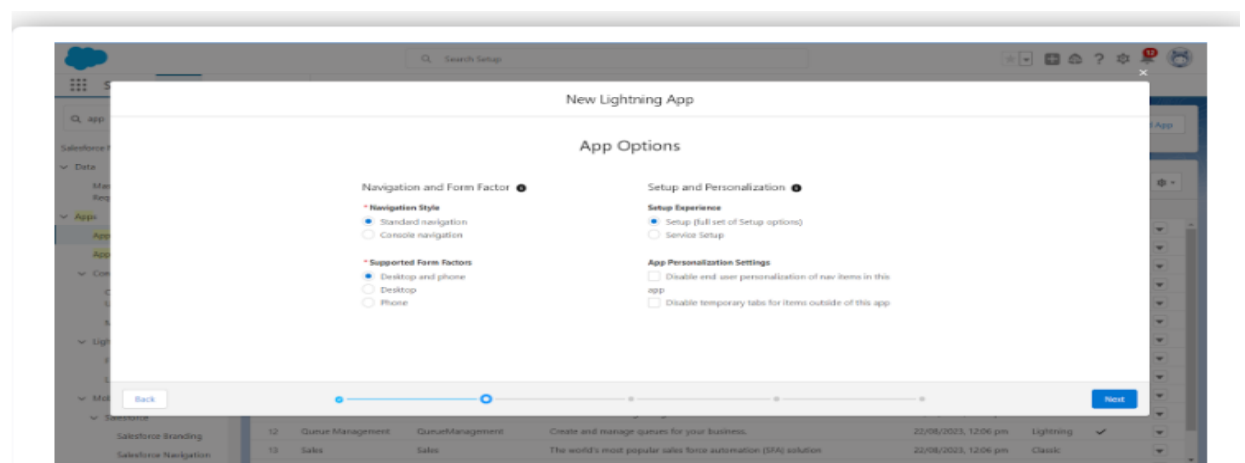
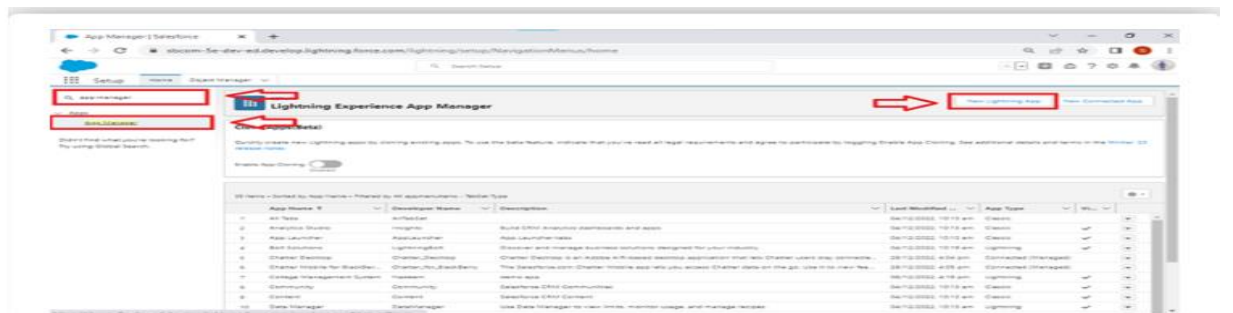
Custom Tab Definition Detail

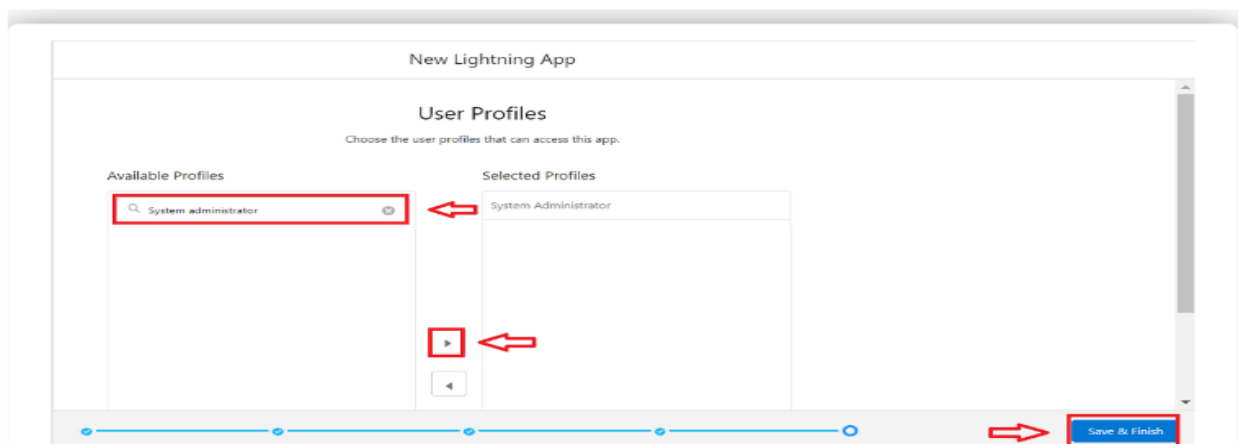
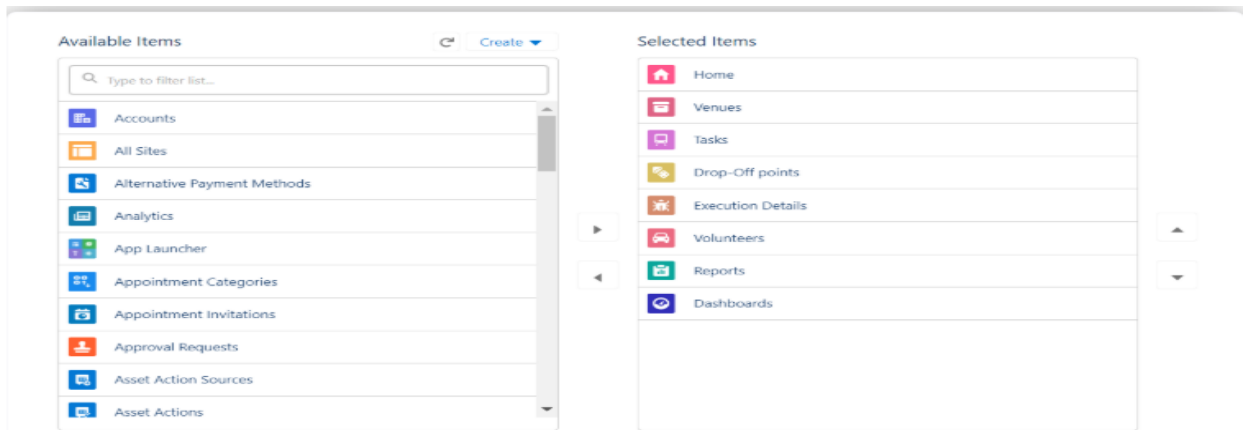
Edit

Delete

Tab Label	Execution Details	Tab Style	Chalkboard
Object	Execution Detail	Splash Page Custom Link	
Description			
Created By	RATHIKAA, 8/29/2025, 7:10 AM	Modified By	RATHIKAA, 8/29/2025, 7:10 AM

- Creating lightning app.





- Creating fields and relationships.

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

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)		✓

Drop-Off Point

- 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

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)		✓

Task

- 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

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)		

SETUP > OBJECT MANAGER

Volunteer

Details

Fields & Relationships
13 Items, Sorted by Field Label

Q, Quick Find New Deleted Fields Field Dependencies Set History Tracking

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		

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

SETUP > OBJECT MANAGER

Execution Detail

Details

Fields & Relationships
5 Items, Sorted by Field Label

Q, 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)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters

- Creating flows to create a record in venue object.

New Flow

Core All + Templates

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

Record-Triggered Flow
Launches when a record is created, updated, or deleted. This autolaunched flow runs in the background.

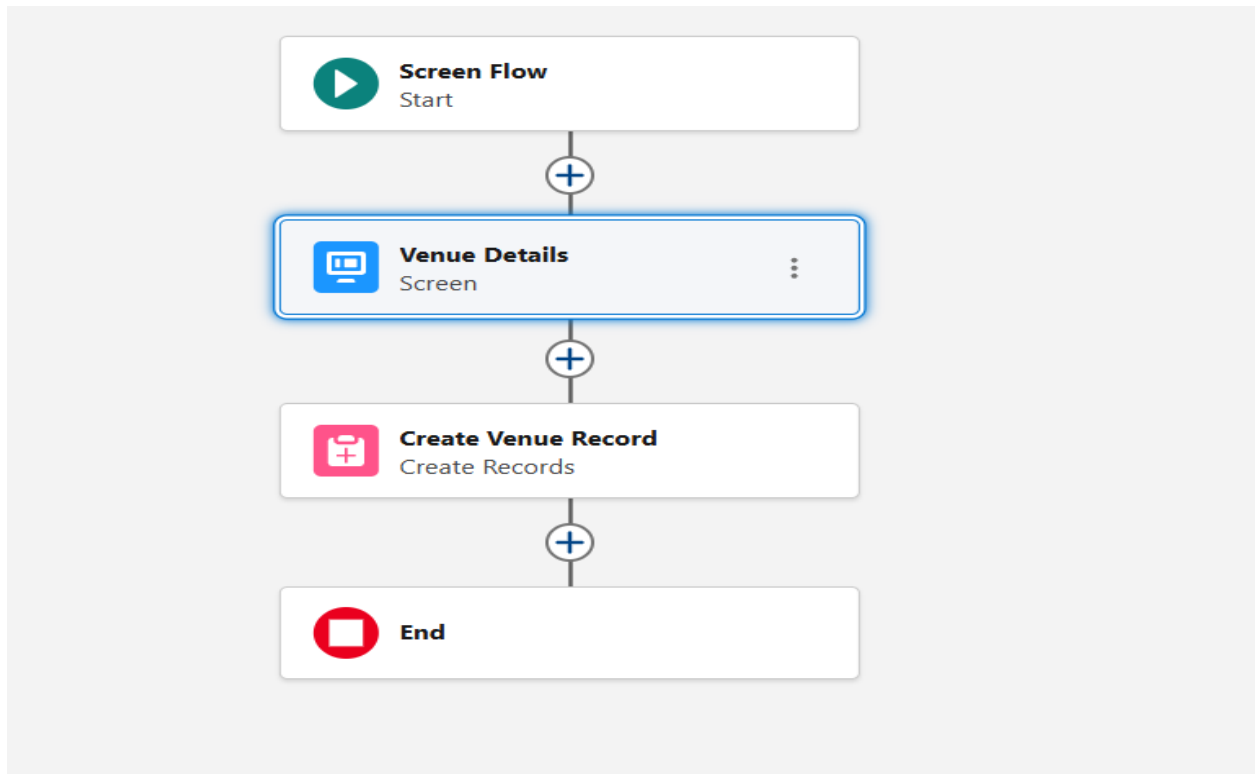
Schedule-Triggered Flow
Launches at a specified time and frequency for each record in a batch. This autolaunched flow runs in the background.

Platform Event—Triggered Flow
Launches when a platform event message is received. This autolaunched flow runs in the background.

Autolaunched Flow (No Trigger)
Launches when invoked by Apex, processes, REST API, and more. This autolaunched flow runs in the background.

Record-Triggered Orchestration
Launches when a record is created or updated. An orchestration lets you create a multi-step, multi-user process.

Create



- Creating Trigger code.

```
File Edit Debug Test Workspace Help < >
DropOffTrigger.apxt x
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 }
```

- Creating profiles.

SETUP

Profiles

Profiles

[Help for this Page](#)

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

U

V

W

X

Y

Z

Other

All

Action	Profile Name	User License	Custom
Edit Del ...	NGOs Profile	Salesforce Platform	<input checked="" type="checkbox"/>

- Creation of users.

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

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	A_RATHIKA	rat	rathikarathika98438213@agentforce.com		<input checked="" type="checkbox"/>	System Administrator
Edit	Chatter Expert	Chatter	chatty.00dgl00000a4zr3uaf.a5ohfw0j3fr@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
Edit	EPIC_OrgFarm	OEPIE	epic.cc19432245a0@orgfarm.salesforce.com		<input checked="" type="checkbox"/>	System Administrator
Edit	Iksha_Foundation_Iksha Foundation	iksh	iksha@fo.com		<input checked="" type="checkbox"/>	NGOs Profile
Edit	Nivi_Siya_Nivi	nnvi	nivisiya2121@fo.com		<input checked="" type="checkbox"/>	NGOs Profile
Edit	Sheela_Sri_Sheela	sshee	sheela12@fo.com		<input checked="" type="checkbox"/>	NGOs Profile
Edit	User_Integration	integ	integration@00dgl00000a4zr3uaf.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
Edit	User_Security	sec	insightssecurity@00dgl00000a4zr3uaf.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User

- Creation of public groups.

SETUP

Public Groups

Public Groups

[Help for this Page](#)

A public group is a set of users. It can contain individual users, other groups, the users in a particular role or territory, or the users in a role or territory plus all of the users below that role or territory in the hierarchy.

View:

All

[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

Action	Label	Group Name	Created By	Created Date
Edit Del	Iksha	Iksha	A_RATHIKA	8/30/2025, 4:14 AM
Edit Del	Nivi	Nivi	A_RATHIKA	8/30/2025, 4:15 AM
Edit Del	Sheela	Sheela	A_RATHIKA	8/30/2025, 4:16 AM

- Creation of report types.

SETUP

Custom Report Types

Venue with DropOff with Volunteer

Preview Layout

Edit Layout

Clone

Delete

Close

Below is the information for this custom report type. You can click the buttons on this to preview or update information for the custom report type

Details

Display Label

Venue with DropOff with Volunteer

API Name

Venue_with_DropOff_with_Volunteer

Description

Venue with DropOff with Volunteer

Created By

RATHIKA A, 8/30/25, 4:53 PM

Store in Cate...

other

Deployment ...

Deployed

Modified By

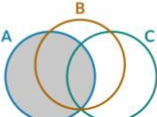
RATHIKA A, 8/30/25, 4:53 PM

Object Relationships

Venues (A)

with or without related records from Drop-Off Points (B)

with or without related records from Volunteers (C)



SETUP

Custom Report Types

Volunteers with Execution Details and Tasks

Preview Layout

Edit Layout

Clone

Delete

Close

Below is the information for this custom report type. You can click the buttons on this to preview or update information for the custom report type

Details

Display Label

Volunteers with Execution Details and Tasks

API Name

Volunteers_with_Execution_Details_and_Tasks

Description

Volunteers with Execution Details and Tasks

Created By

RATHIKA A, 8/31/25, 12:43 PM

Store in Cate...

other

Deployment ...

Deployed

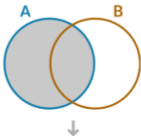
Modified By

RATHIKA A, 8/31/25, 12:43 PM

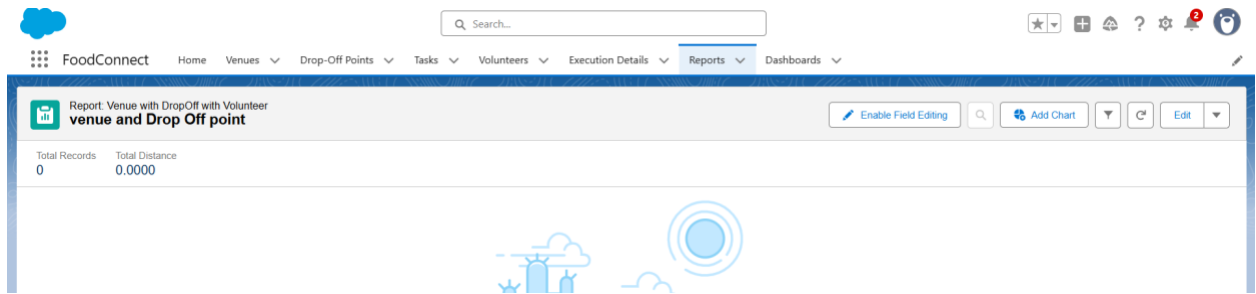
Object Relationships

Volunteers (A)

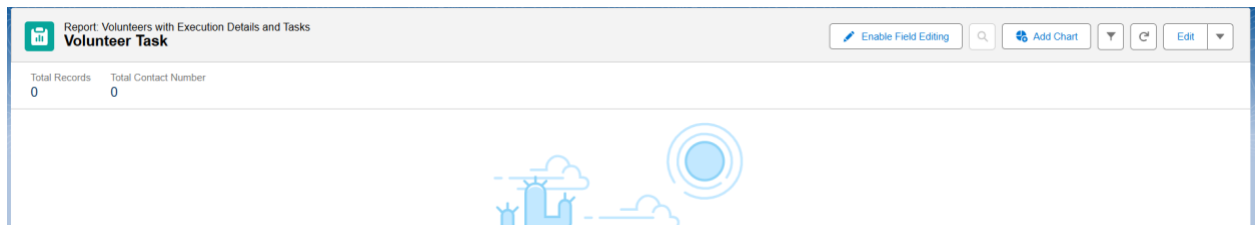
with or without related records from Execution Details (B)



- Creation of Report on Venue with Drop Off with Volunteer

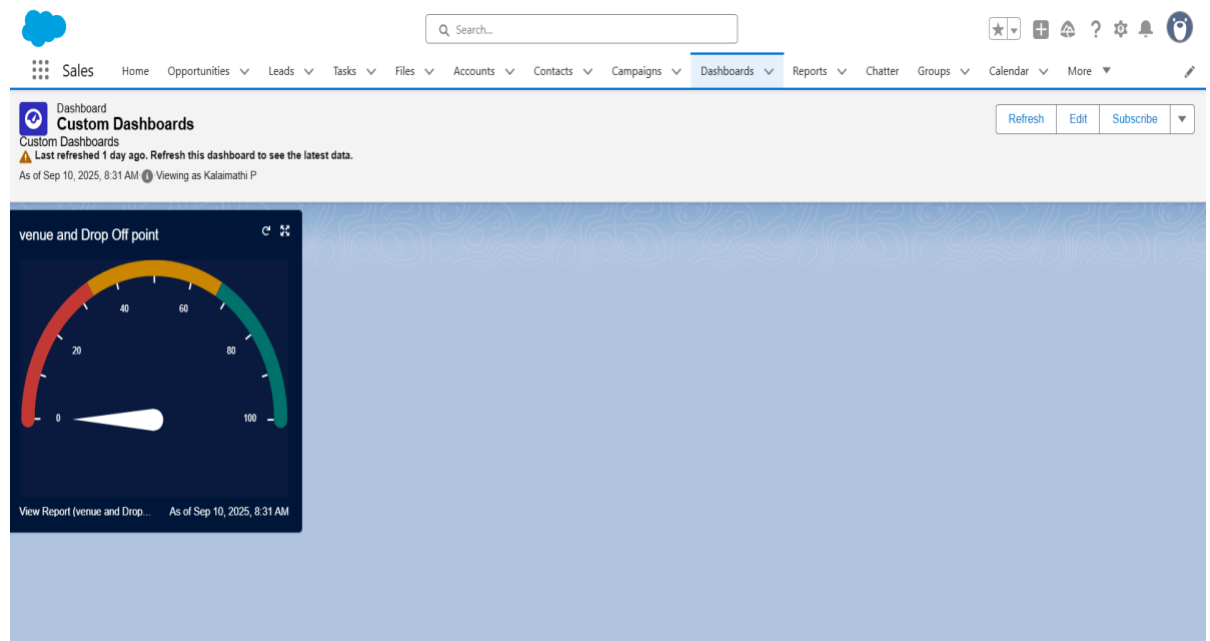


- Creation of Report on Volunteers with Execution Details and Tasks.

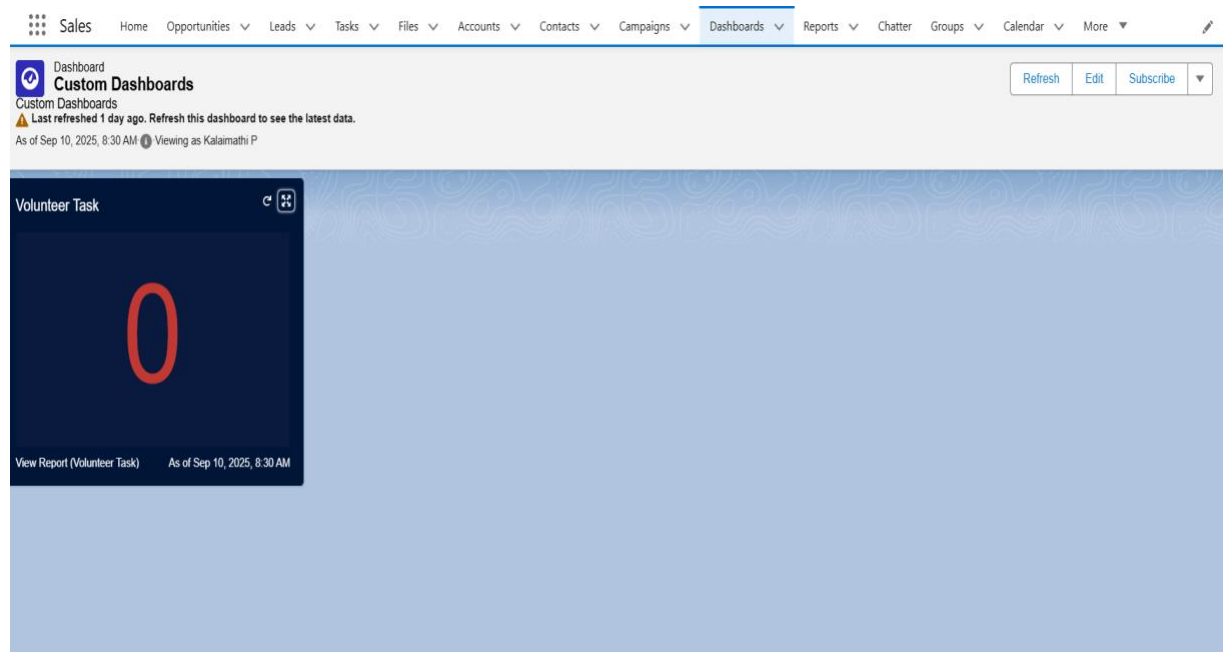


- Creation of dashboard.

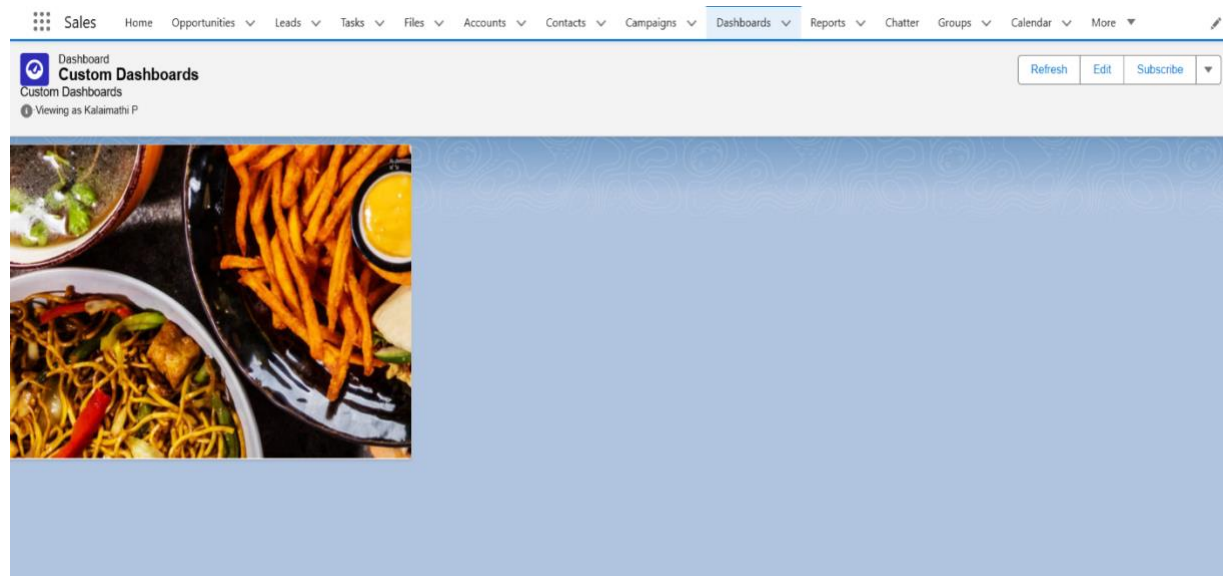
- Adding venue and Drop Off point Report to the dashboard.



- Adding Volunteer Task Report to the dashboard.



- Adding a picture to the dashboard.



- Creation of sharing rules.

Drop-Off Point Sharing Rules

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

- Creation of home page.

➤ Home page of Food connect app.




FoodConnect

[Home](#)
[Venues](#)
[Tasks](#)
[Drop-Off Points](#)
[Execution Details](#)
[Volunteers](#)
[Reports](#)
[Dashboards](#)

Venue Form

Venue Name

Email

Phone

Venue Location

Latitude

Longitude

[Next](#)



Dashboard

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



Dashboard

Custom Dashboards

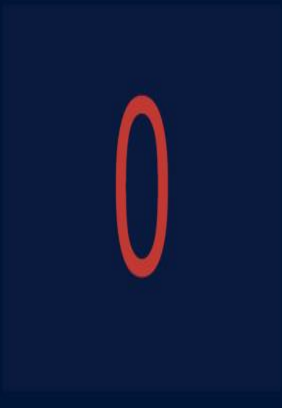
Custom Dashboards

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

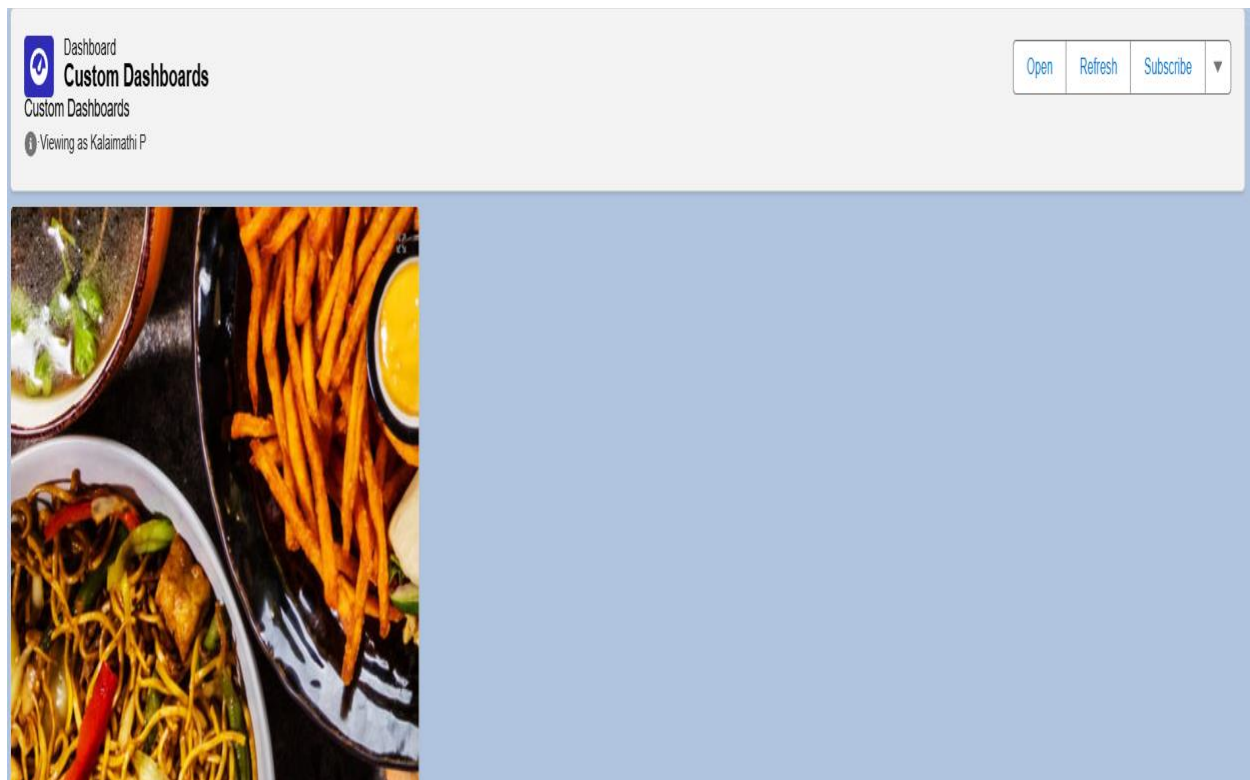
As of Sep 10, 2025, 8:30 AM - Viewing as Kalaimathi P

[Open](#)[Refresh](#)[Subscribe](#)

Volunteer Task



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.