

TO SUPPLY LEFTOVER FOOD TO POOR

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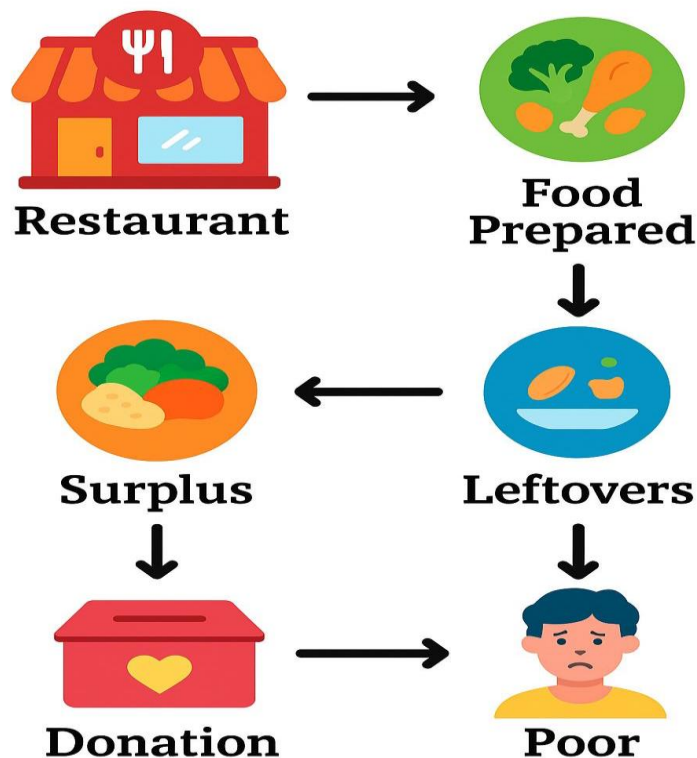
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1.INTRODUCTION

1.1 Project Overview

This project focuses on reducing food wastage and addressing hunger by collecting surplus or leftover food from restaurants, hotels, events, and By partnering with local food donors, NGOs, and volunteers, the project ensures safe and timely delivery of food to those in need. The long-term vision of the project is to build a community-driven network that not only eliminates food wastage but also contributes toward eradicating hunger and fostering social equality.




1.2 Purpose

The purpose of this project is to reduce food wastage and provide meals to poor and needy people by collecting and redistributing leftover food in a safe and timely manner.

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First name	Last name
<input type="text" value="SANTHIYA"/>	<input type="text" value="S"/>
Job title	Work email
<input type="text" value="Student"/>	<input type="text" value="santhiyasellamuthu@"/>
Company	Country/Region
<input type="text" value="A.V.P College of Ar"/>	<input type="text" value="India"/>

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1.To create object first we need to create venue object, Drop-off point object, Task object, Volunteer object, Execution Details object

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
- Sharing Rules

Details

EditDelete

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

SETUP > OBJECT MANAGER

Volunteer

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

EditDelete

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

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

EditDelete

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

2. After creating object, we need to create Custom tabs and Remaining tabs.

 **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	RATHIKAA	Modified By	RATHIKAA
	8/29/2025, 7:08 AM		8/29/2025, 7:08 AM

 **SETUP**
Tabs

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

Edit

Delete

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

 **SETUP**
Tabs

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

Edit

Delete

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

- Creating field for Venue object.

SETUP > OBJECT MANAGER

Venue

Details	Fields & Relationships 8 Items, Sorted by Field Label					Q Quick Find	New	Deleted Fields	Field Dependencies	Set History Tracking
Fields & Relationships	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED					
Page Layouts	Contact Email	Contact_Email__c	Email							▼
Lightning Record Pages	Contact Phone	Contact_Phone__c	Phone							▼
Buttons, Links, and Actions	Created By	CreatedById	Lookup(User)							
Compact Layouts	Last Modified By	LastModifiedById	Lookup(User)							
Field Sets	Location	Location__c	Geolocation							▼
Object Limits	Owner	OwnerId	Lookup(User,Group)		✓					
Record Types	Venue Location	Venue_Location__c	Long Text Area(32768)							▼
Related Lookup Filters	Venue Name	Name	Text(80)		✓					▼
Search Layouts										
List View Button Layout										
Restriction Rules										

- Creating field for Drop-Off point Object.

SETUP > OBJECT MANAGER

Drop-Off Point

Details	Fields & Relationships 9 Items, Sorted by Field Label					Q Quick Find	New	Deleted Fields	Field Dependencies	Set History Tracking
Fields & Relationships	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED					
Page Layouts	Created By	CreatedById	Lookup(User)							
Lightning Record Pages	Distance	Distance__c	Number(14, 4)							▼
Buttons, Links, and Actions	distance calculation	distance_calculation__c	Formula (Number)							▼
Compact Layouts	Drop-Off Point Name	Name	Text(80)		✓					▼
Field Sets	Last Modified By	LastModifiedById	Lookup(User)							
Object Limits	Location 2	Location_2__c	Geolocation							▼
Record Types	Owner	OwnerId	Lookup(User,Group)		✓					
Related Lookup Filters	State	State__c	Picklist							▼
Search Layouts	Venue	Venue__c	Lookup(Venue)		✓					▼
List View Button Layout										
Restriction Rules										

- Creating field for the Task object.

SETUP > OBJECT MANAGER

Task

Details

Fields & Relationships

15 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)		
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(16, 0)		

- Creating field for the Volunteer object & Execution detail object.

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		

SETUP > OBJECT MANAGER

Execution Detail

Details

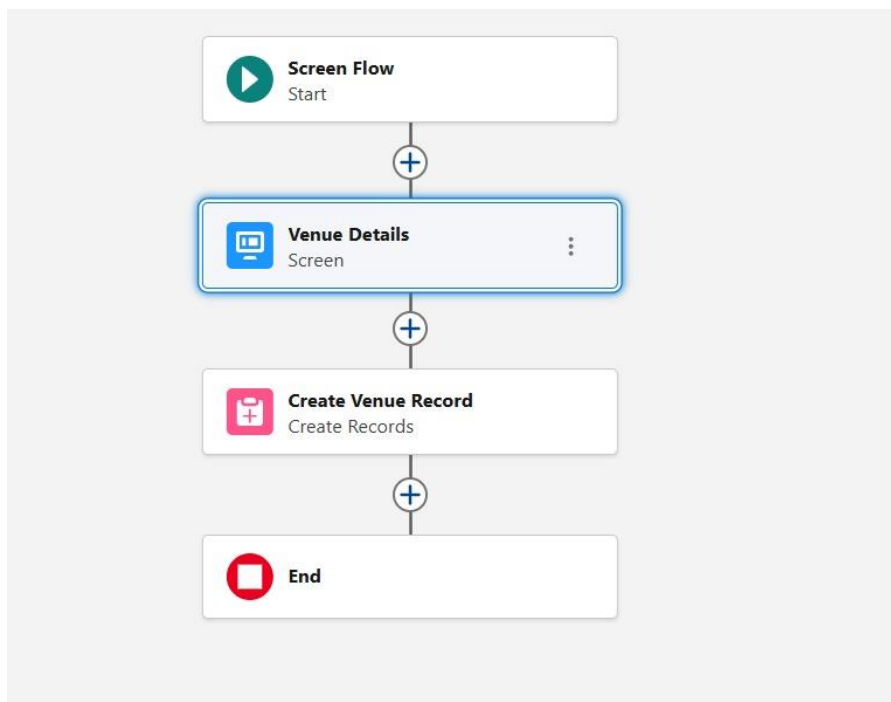
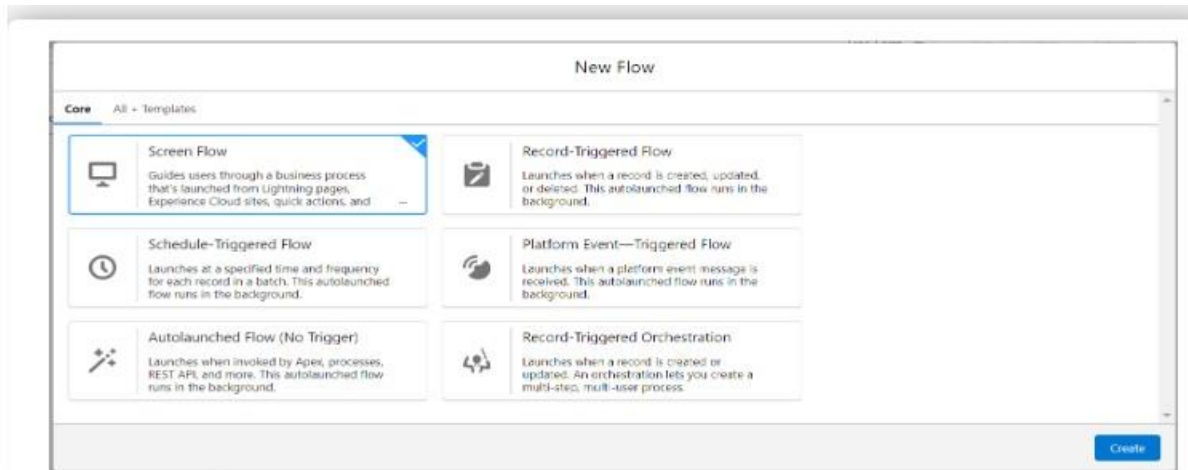
Fields & Relationships

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)		✓

5. After created fields we need to create flows to create a record in venue object.



6.To create trigger, we need to write trigger code.

```
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 }
```

7.We need to create profiles.

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 U V W X Y Z Other All

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

8.After that we need to create a user 1,2,3 and after that we can see than an all user.

ers

ermission Set Groups

ermission Sets

rofiles

ublic Groups

ueues

oles

ser Management Settings

Users

re Settings

ata.com

Prospector **Users**

id what you're looking for? Try

lobal Search.

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

New User

Reset Password(s)

Add Multiple Users

<input type="checkbox"/>	Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Edit	Chatter Expert	Chatter	chatty00dg00000akfshual.tr hxtgsw7l6@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Fre User
<input type="checkbox"/>	Edit	EPIC_OrgFarm	QEPIC	epic.d01c2aad0961@orgfarm.salesforce.com		<input checked="" type="checkbox"/>	System Administra
<input type="checkbox"/>	Edit	gayu_foundation, gayu_foundation	ggayu	gayathrigayu1822@gmail.com		<input checked="" type="checkbox"/>	NGOs Profi
<input type="checkbox"/>	Edit	iksha_foundation, iksha_foundation	iksh	gayathrisivakumar786@gmail.com		<input checked="" type="checkbox"/>	NGOs Profi
<input type="checkbox"/>	Edit	kamala_foundation, kamala_foundation	kkama	gayathrikamala22@gmail.com		<input checked="" type="checkbox"/>	NGOs Profi
<input type="checkbox"/>	Edit	S_GAYATHRI	gay	gayathrisivakumar786542@agentforce.com		<input checked="" type="checkbox"/>	System Administra
<input type="checkbox"/>	Edit	User_Integration	integ	integration@00dg00000akfshual.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	Edit	User_Security	sec	insightssecurity@00dg00000akfshual.com		<input checked="" type="checkbox"/>	Analytics Cloud Security Us

New User

Reset Password(s)

Add Multiple Users

9.After the creation of user 1,2,3 we need To create a Public Group. This is a set of users.

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

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

New

Action	Label	Group Name	Created By	Created Date
Edit Del	gayu_foundation	gayu_foundation	S_GAYATHRI	9/7/2025, 7:37 AM
Edit Del	kamala_foundation	kamala_foundation	S_GAYATHRI	9/7/2025, 7:39 AM
Edit Del	gayathri_foundation	gayathri_foundation	S_GAYATHRI	9/7/2025, 7:40 AM

10.Creation of customs Report type.

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

Disp...

Venue with DropOff with Volunteer

API ...

Venue_with_DropOff

Des...

Venue with DropOff with Volunteer

Cre...

GAYATHRI S.

9/7/25, 8:17 PM

Stor...

other

Dep...

Deployed

Mo...

GAYATHRI S.

9/7/25, 8:17 PM

Fields

Source O...	Included Fi...
Venues	13
Drop-Off P...	12
Volunteers	16

Object Relations...

Venues (A)

with or without related record

with or without related

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

Disp...

Volunteers with Execution Details and Tasks.

API ...

Volunteers_with_Ext

Des...

Volunteers with Execution Details and Tasks.

Cre...

GAYATHRI S.

9/7/25, 9:52 PM

Stor...

other

Dep...

Deployed

Mo...

GAYATHRI S.

9/7/25, 9:52 PM

Fields

Source O...	Included Fi...
Volunteers	17
Activities	35

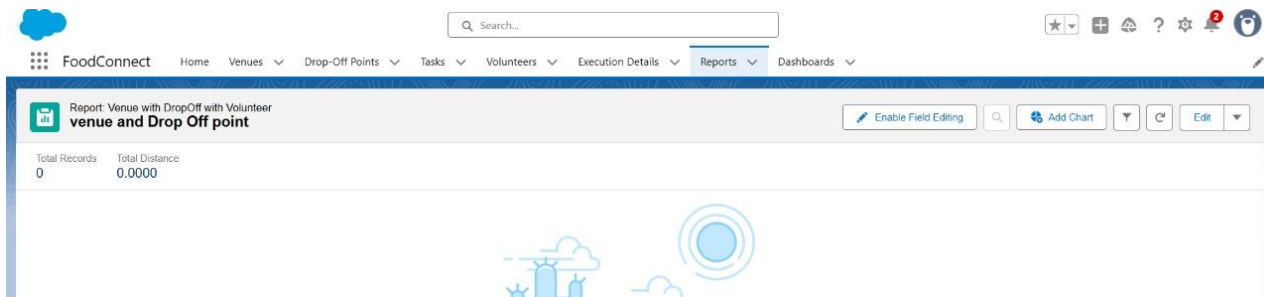
Object Relations...

Volunteers (A)

with or without related record

11.To create Reports

- The Creation of Report on Venue with Drop Off with Volunteer.

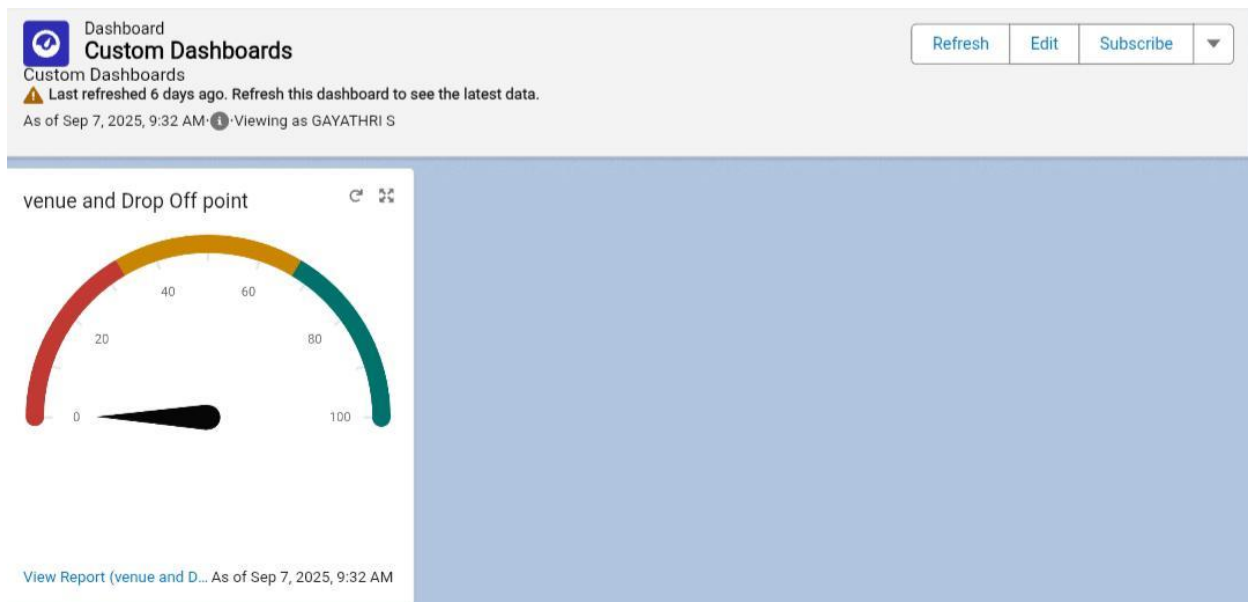


- The Creation of Report on Volunteers with Execution Details and Tasks.

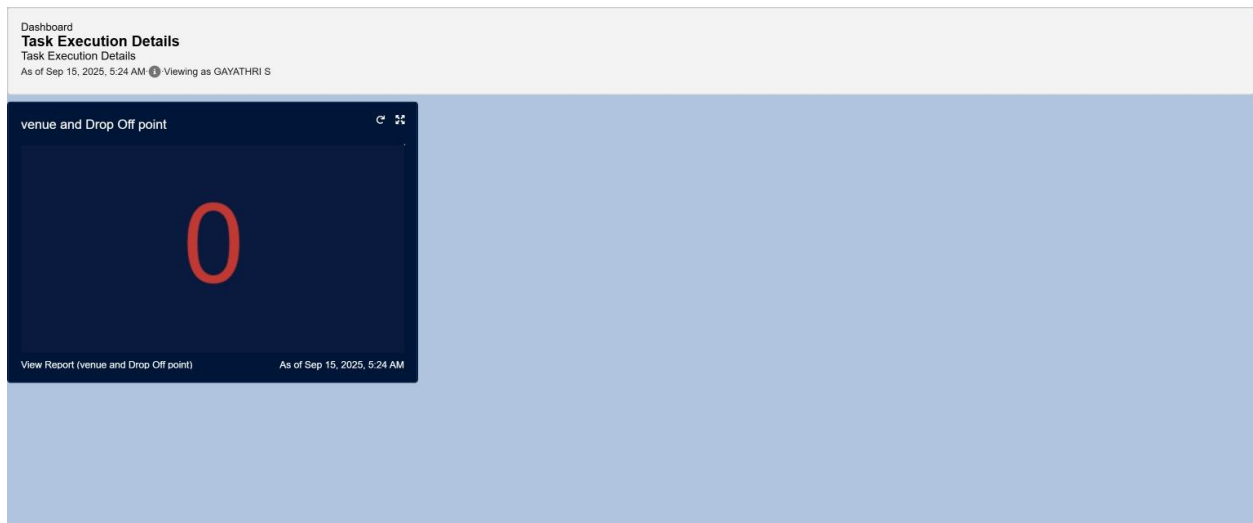
Report: Venue with DropOff with Volunteer venue and Drop Off point			
Total Records	Total distance calculation		
1	0.00		
<input type="checkbox"/> Volunteer Name ↑	Venue Name	Drop-Off Point Name	distance calculation
<input type="checkbox"/> - (1)	a00gL00000lwdDM	-	-
Subtotal			0.00
Total (1)			0.00

12. To create dashboard

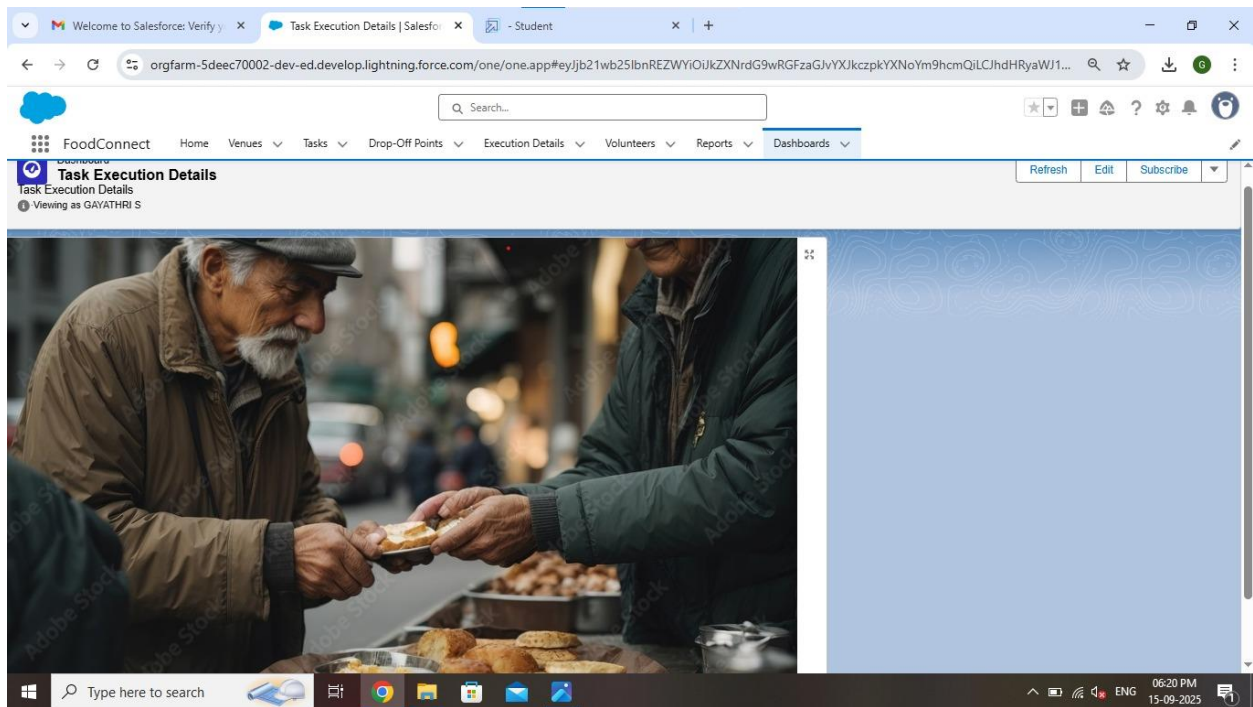
- Adding venue and Drop Off point Report to the Dashboard.



- Adding Volunteer Task Report to the Dashboard.



- Adding a Picture to the Dashboard .This one is Optional.



13.The 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: Owner NOT EQUAL TO 30) AND (Drop-Off Point: Owner EQUALS 15)	Group: gayu foundation	Read Only
Edit Del	(Drop-Off Point: Location 2 (Latitude) GREATER THAN 30) AND (Drop-Off Point: Location 2 (Latitude) LESS THAN 50)	Group: gayu foundation	Read Only
Edit Del	Drop-Off Point: Drop-Off Point Name EQUALS 15	Group: gayu foundation	Read Only

14.Creation of Homepage.

FoodConnect

Home

Venues

Tasks

Drop-Off Points

Execution Details

Volunteers

More

Venue Form

venue Name

Email

you@example.com

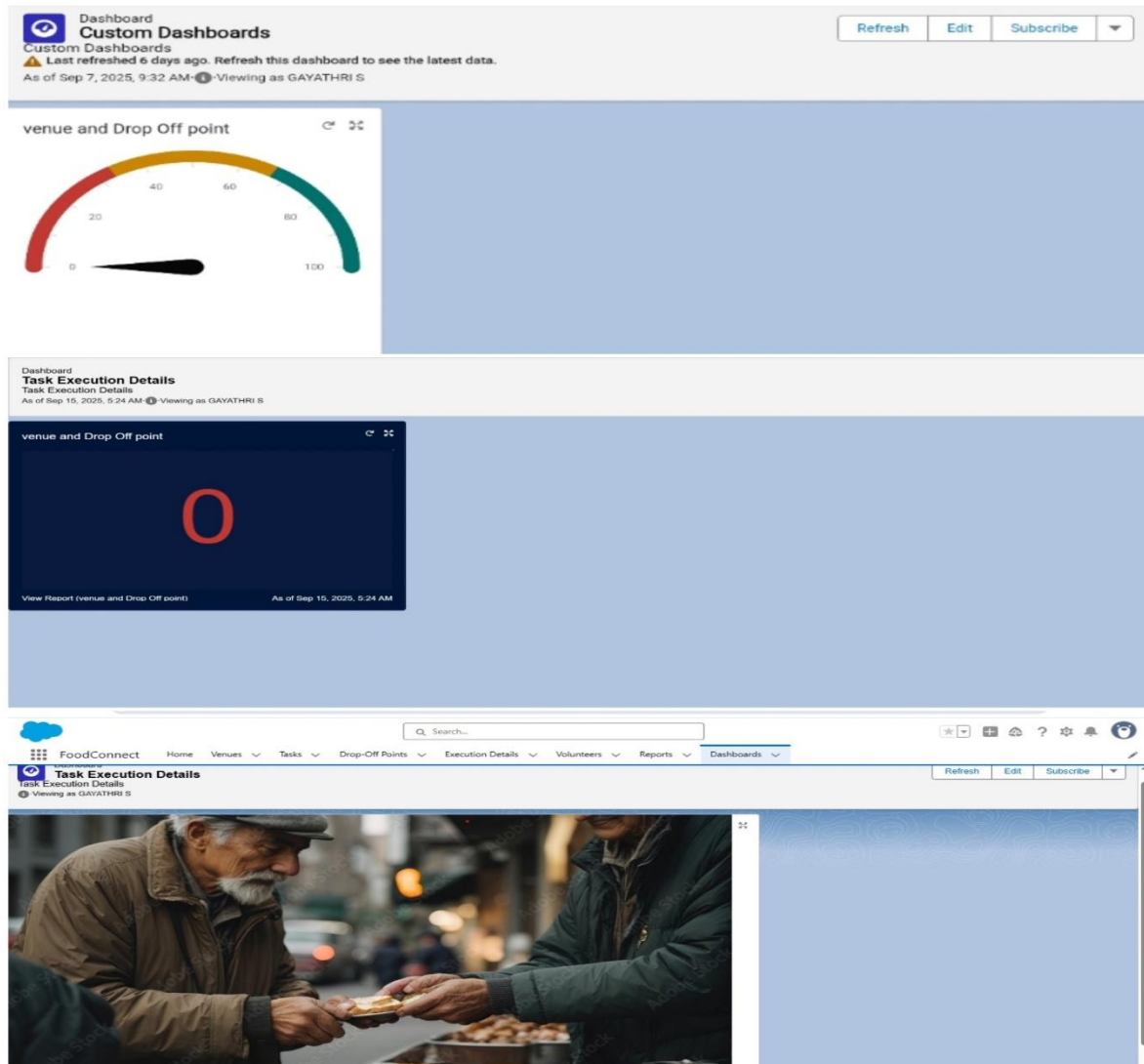
Phone

venue location

Latitude

longitude

Next



ADVANTAGES AND DISADVANTAGES

ADVANTAGES:

1.Improves Nutrition – Poor people get access to balanced meals they might otherwise miss. People with poor nutrition get good and healthy food by this program or process.

2. Encourages Volunteerism – Involves students, NGOs, and communities in social service. This will improve bond between people around world and grow humanity.

3. Supports SDGs (Sustainable Development Goals) – Helps in achieving “Zero Hunger.” Reduce hunger, death by hunger.

4. Positive Brand Image – Restaurants and companies gain goodwill by donating food. It is beneficial for both side.

5. Efficient Resource Use – Maximizes the value of food already prepared. Reduce food wastage and improve awareness.

DISADVANTAGES:

1. Transportation Costs – Even though food is free, moving it requires money and effort. It will take more time and cost. It is not a easy task

2. Uneven Distribution – Some areas may receive more, others less, leading to imbalance. This may create big chaos which will lead to a fight between people.

3. Storage Infrastructure – Lack of refrigeration or packaging can cause spoilage. This also causes food wastage. For storage it will require large area and need massive machine (refrigerator).

4. Quality Doubts – Recipients may feel hesitant to accept “leftover” food. Some people may not accept it or people may take more than that they want and waste it also lead to wastage.

5. Sustainability Concerns – Depends heavily on daily availability of surplus, not guaranteed. In disasters like flood , tsunami we need to supply more food to people who are lost their home .

6. During disasters – During disasters like flood , tsunami it becomes more difficult to supply food to many people who are lost their home. It need a massive amount of food , time and cost.

CONCLUSION:

The project of supplying leftover food to the poor is a meaningful step toward reducing food waste and fighting hunger. While it faces challenges like food safety and logistics, with proper planning and community support it can create a sustainable system that benefits both society and the environment. It not only fills empty stomachs but also spreads kindness, responsibility, and hope. This project is not only a way to feed the hungry but also a solution to manage food waste responsibly. With strong planning, safety measures, and community participation, it can become a sustainable initiative that benefits people, society, and the environment.