

Project: Leftover Food Supply to the Poor

FoodConnect



FOOD CONNECT

WE DELIVER HAPPINESS

Leftover Food Supply to the Poor

FoodConnect

1. Project Overview

The *FoodConnect* project is a community-driven initiative designed to combat hunger and food waste by efficiently redistributing surplus food. It leverages partnerships with restaurants, hotels, events, and households to collect excess food and deliver it to vulnerable populations. This structured and sustainable approach aims to minimize food wastage while providing nutritious meals to those in need.

Key Objectives:

1. **Reduce Hunger:** Ensure that the underprivileged and needy have access to adequate and healthy meals.
2. **Minimize Food Waste:** Redirect surplus food from being discarded to being utilized for a social cause.
3. **Foster Collaboration:** Build partnerships with food providers and community organizations to create an effective food redistribution network.
4. **Promote Sustainability:** Encourage responsible food consumption and distribution practices.

Key Components:

- **Food Collection:** Establishing a network to collect surplus food from donors such as restaurants, hotels, and households.
- **Quality Control:** Ensuring the food collected is safe, fresh, and nutritious before distribution.
- **Food Redistribution:** Strategically delivering the food to shelters, orphanages, and communities in need.
- **Technology Integration:** Developing a platform or app to connect donors, volunteers, and beneficiaries efficiently.
- **Community Engagement:** Raising awareness about food wastage and encouraging participation in the initiative.

Expected Outcomes:

- Reduced hunger and malnutrition in vulnerable populations.
- Significant reduction in food wastage across participating sectors.
- Strengthened community ties and a culture of social responsibility.

The *FoodConnect* project serves as a model for addressing critical social and environmental issues through collaboration, innovation, and a commitment to making a positive impact.

2. Background and need:

Background:

Hunger and food wastage are two of the most pressing challenges in today's world. Despite global advancements, millions of people continue to face food insecurity daily, while tons of food are wasted by restaurants, hotels, and households. According to the Food and Agriculture Organization (FAO), one-third of all food produced globally is wasted, even as over 800 million people struggle with hunger.

India, being home to a significant portion of the world's undernourished population, also contributes heavily to food wastage. The lack of an efficient system to redistribute surplus food exacerbates both problems. At the same time, discarded food contributes to environmental pollution by increasing landfill waste.

The *FoodConnect* project was conceived to bridge this gap by creating a structured, community-driven approach to redistribute surplus food to the needy, reducing both hunger and wastage.

Need for the Project:

1. Addressing Hunger:
Vulnerable populations, including the homeless, children, and economically disadvantaged families, often lack access to nutritious meals. FoodConnect provides an opportunity to meet this critical need.
2. Reducing Food Wastage:
A significant portion of surplus food from events, restaurants, and households goes to waste due to a lack of redistribution systems. By collecting and redistributing this food, the project helps tackle environmental and ethical concerns related to food wastage.
3. Community Building:
FoodConnect fosters a sense of social responsibility by encouraging collaboration among individuals, businesses, and organizations for a shared cause.
4. Environmental Benefits:
Preventing food wastage reduces greenhouse gas emissions and landfill waste, contributing to a healthier environment.

3. Target Beneficiaries:

The *FoodConnect* project is designed to impact various vulnerable groups within society. By redistributing surplus food, it aims to ensure that the following groups gain access to nutritious meals:

1. Economically Disadvantaged Families

- Families living below the poverty line who lack the resources to afford regular meals.

- Focus on communities in slums, rural areas, and urban low-income settlements.

2. Homeless Individuals

- People living on streets or in temporary shelters who do not have consistent access to food.

3. Orphanages and Children's Homes

- Institutions caring for abandoned and orphaned children, where resources are often limited.

4. Elderly in Need

- Senior citizens living alone or in old-age homes without adequate support for daily nutrition.

5. Disaster-Affected Communities

- Populations impacted by natural disasters or emergencies where food insecurity becomes acute.

6. Daily Wage Workers and Migrants

- Laborers, construction workers, and migrant populations who often prioritize shelter over meals due to financial constraints.

7. Patients in Underfunded Hospitals

- Individuals undergoing treatment in facilities with limited resources to provide meals to patients and caregivers.

Why These Beneficiaries?

- **Need-Based Approach:** These groups represent the most food-insecure demographics in society.
- **Impact Potential:** Redistribution of surplus food can significantly improve their quality of life, reduce malnutrition, and promote overall well-being.
- **Alignment with Mission:** Ensures that surplus food is directed to those who need it most, reducing both hunger and food wastage.

4. Stakeholder

The success of the *FoodConnect* project relies on active participation and collaboration among various stakeholders. These stakeholders play critical roles in the collection, redistribution, and utilization of surplus food.

1. Food Donors

- **Who They Are:** Restaurants, hotels, catering services, event organizers, households, supermarkets, and food manufacturing units.
- **Role:**

- Provide surplus or leftover food for redistribution.
- Ensure food safety and quality standards during donations.

2. Beneficiary Groups

- Who They Are: Economically disadvantaged families, homeless individuals, orphanages, old-age homes, disaster-affected communities, daily wage workers, and migrants.
- Role:
 - Receive and utilize the redistributed food.
 - Provide feedback on needs and preferences to improve distribution systems.

3. Non-Governmental Organizations (NGOs) and Community Organizations

- Who They Are: Organizations specializing in hunger eradication, food security, or social welfare.
- Role:
 - Partner with the project for food distribution logistics.
 - Identify and connect with target beneficiaries.

4. Volunteers and Social Workers

- Who They Are: Individuals or groups passionate about social causes.
- Role:
 - Assist in food collection, packaging, and delivery.
 - Create awareness and encourage more donors to participate.

5. Technology Partners

- Who They Are: Developers of mobile apps or software platforms for managing food donations and logistics.
- Role:
 - Develop tools for real-time tracking of food collection and distribution.
 - Create user-friendly interfaces for donors, transporters, and beneficiaries.

6. Government Agencies

- Who They Are: Local municipal corporations, food safety authorities, and social welfare departments.
- Role:
 - Provide regulatory oversight to ensure food safety and legal compliance.
 - Support through subsidies, grants, or public awareness campaigns.

7. Transport and Logistics Providers

- Who They Are: Delivery service providers, local transport companies, and logistics volunteers.
- Role:
 - Facilitate efficient and timely food collection and delivery.
 - Ensure minimal wastage during transportation.

8. Media and Awareness Campaigns

- Who They Are: Traditional media outlets, social media influencers, and marketing agencies.
- Role:
 - Spread awareness about the project and encourage participation.
 - Highlight the social and environmental impact of reducing food wastage.

9. Funding Agencies and Sponsors

- Who They Are: Corporations under CSR initiatives, philanthropists, and crowdfunding contributors.
- Role:
 - Provide financial resources to sustain and expand the project.
 - Support operational costs, technology development, and logistics.

10. Health and Nutrition Experts

- Who They Are: Dietitians, food safety experts, and public health professionals.
- Role:
 - Ensure the nutritional value and safety of the distributed food.
 - Provide guidelines for safe storage and distribution practices

5. Implementation Strategy:

1. Food Collection

- Process:
 - Collaborate with restaurants, hotels, events, supermarkets, and households to collect surplus food.
 - Set up collection points in high food wastage areas and residential neighborhoods.
 - Schedule regular pickups using dedicated vehicles or partner with logistics providers.
- Technology:
 - Use a mobile app or hotline to allow donors to schedule pickups.
 - Employ real-time tracking for food pickup and transportation.
- Key Considerations:
 - Ensure proper communication with donors to identify the type and quantity of food available.
 - Train volunteers or staff to handle food responsibly during collection.

2. Food Safety and Packaging

- Standards:
 - Adhere to food safety guidelines to ensure quality and prevent contamination.
 - Categorize perishable and non-perishable items for appropriate storage.

- Packaging:
 - Use biodegradable or eco-friendly packaging materials.
 - Label packages with contents, nutritional information, and expiration dates where applicable.
- Inspection:
 - Assign food safety officers or volunteers to inspect food quality at collection points.
 - Discard food that does not meet safety standards.

3. Distribution Plan

- Target Areas:
 - Identify locations with a high concentration of vulnerable populations, such as slums, orphanages, old-age homes, and shelters.
- Logistics:
 - Create a route plan for efficient delivery, minimizing delays and food spoilage.
 - Partner with NGOs and community organizations for distribution.
- Priority:
 - Ensure that fresh food reaches beneficiaries promptly to retain its nutritional value.
 - Prioritize areas based on need assessments conducted by volunteers or social workers.

4. Awareness Campaign

- Objectives:
 - Encourage participation from potential food donors.
 - Educate the public about the importance of reducing food wastage and addressing hunger.
- Methods:
 - Leverage social media platforms, print media, and local radio for outreach.
 - Conduct workshops in schools, colleges, and corporate offices to promote the initiative.
 - Use success stories and impact metrics to build trust and attract more stakeholders.

6. Monitoring and Evaluation

- Performance Metrics:
 - Measure the quantity of food collected and redistributed.
 - Track the number of beneficiaries served and geographic coverage.
- Feedback Mechanism:
 - Collect feedback from beneficiaries to assess the quality and utility of distributed food.
 - Regularly survey donors for process improvements.
- Technology Tools:

- Implement a dashboard for tracking operations, identifying bottlenecks, and measuring impact.

7. Budget

- Allocation:
 - Food Collection: Vehicle costs, driver salaries, collection point setup.
 - Packaging: Biodegradable materials, labeling, and storage.
 - Distribution: Fuel, logistics provider fees, and delivery tools.
 - Technology: App development, maintenance, and IT support.
 - Awareness Campaign: Advertising costs, event organization, and promotional materials.
- Funding Sources:
 - Corporate Social Responsibility (CSR) initiatives.
 - Crowdfunding and grants from philanthropists or government schemes.

8. Risks and Mitigation

- Food Spoilage:
 - Mitigation: Use cold storage units for perishable food and ensure quick transportation.
- Donor Fatigue:
 - Mitigation: Maintain consistent engagement through appreciation and impact reports.
- Logistics Challenges:
 - Mitigation: Develop backup plans for transportation and create partnerships with multiple service providers.
- Regulatory Issues:
 - Mitigation: Adhere to food safety laws and obtain necessary permits for operations.

9. Conclusion

The *FoodConnect* project aims to create a sustainable system to combat hunger and food wastage. By involving diverse stakeholders, adhering to food safety standards, and using technology for efficiency, the initiative can bring meaningful change to underserved communities. Regular monitoring, feedback, and risk mitigation strategies will ensure long-term success and scalability.


MY WORK

Object Creation

- Venue
- Drop-off point
- Task
- Volunteer
- Execution details

Execution Detail	Execution_Detail__c	Custom Object
Volunteer	Volunteer__c	Custom Object
Task	Task__c	Custom Object
Drop-Off Point	Drop_Off_Point__c	Custom Object
Venue	Venue__c	Custom Object

Tabs Creation

Custom Object Tabs			New	What Is This?
Action	Label	Tab Style		
Edit Del	Drop-Off Points	 Alarm clock		
Edit Del	Execution Details	 Big top		
Edit Del	Tasks	 Airplane		
Edit Del	Venues	 Bell		
Edit Del	Volunteers	 Diamond		

Lightning App

Lightning Pages								New
Action	Label	Name	Namespace Prefix	Description	Type	Created By	Last Modified By	
Edit Clone Del	HOME Page	HOME_Page			Home Page	NBaja, 26/11/2024, 1:43 am	NBaja, 10/12/2024, 10:46 pm	

Fields

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

Fields & Relationships

6 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE
Created By	CreatedById	Lookup(User)
Execution Detail Name	Name	Text(80)
Execution ID	Execution_ID__c	Auto Number
Last Modified By	LastModifiedById	Lookup(User)
Task	Task__c	Master-Detail(Task)
Volunteer	Volunteer__c	Master-Detail(Volunteer)

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

Object Access

Triggers

Fields & Relationships

17 Items, Sorted by Controlling Field

Quick Find

FIELD LABEL	FIELD NAME	DATA TYPE
Venue__c	Venue__c	Lookup(Drop-Off Point)
Task Name	Name	Text(80)
Task ID	Task_ID__c	Auto Number
Sponsored By	Sponsored_by__c	Lookup(Venue)
Rating	Rating__c	Picklist
Phone	Phone__c	Phone
Owner	OwnerId	Lookup(User,Group)
Number of People Served	Number_of_People_Served__c	Number(18, 0)
Name of the Person	Name_of_the_Person__c	Text(40)
Last Modified By	LastModifiedById	Lookup(User)
Food Category	Food_Category__c	Picklist

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

Fields & Relationships

9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE
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
lookup relation venue	lookup_relation_venue__c	Lookup(Venue)
Owner	OwnerId	Lookup(User,Group)
State	State__c	Picklist

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

Object Access

Fields & Relationships

8 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE
Contact Email	Contact_Email__c	Email
Contact Phone	Contact_Phone__c	Phone
Created By	CreatedById	Lookup(User)
Drop-Off Point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)
Last Modified By	LastModifiedById	Lookup(User)
Location	Location__c	Geolocation
Venue Location	Venue_Location__c	Long Text Area(32768)
Venue Name	Name	Text(80)

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

Scoping Rules

Object Access

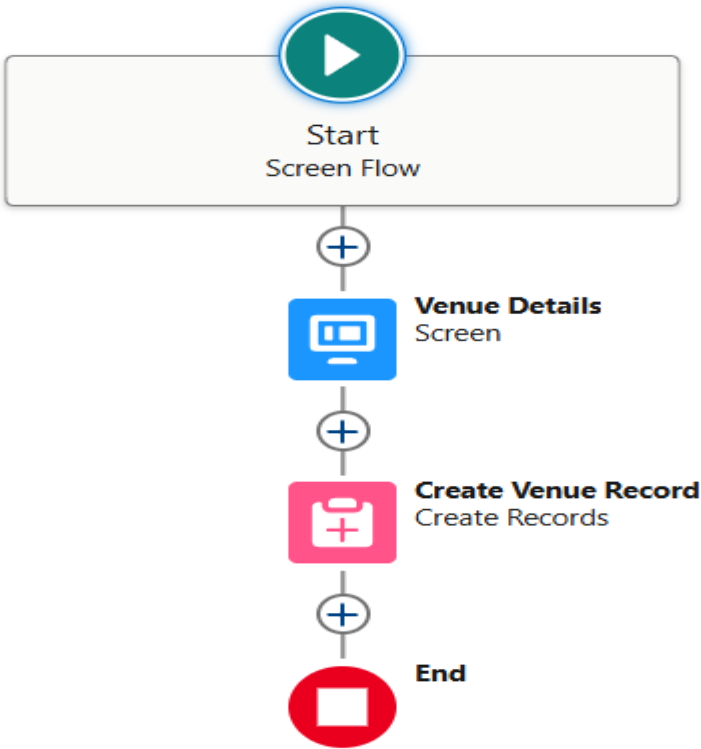
Triggers

Fields & Relationships

12 Items, Sorted by Controlling Field

FIELD LABEL	FIELD NAME	DATA TYPE
Volunteer Name	Name	Text(80)
Volunteer ID	Volunteer_ID__c	Auto Number
Last Modified By	LastModifiedById	Lookup(User)
Gender	Gender__c	Picklist
Email	Email__c	Email
Drop-Off Point	Drop_Off_point__c	Master-Detail(Drop-Off Point)
Date of Birth	Date_of_Birth__c	Date
Created By	CreatedById	Lookup(User)
Contact Number	Contact_Number__c	Number(18, 0)
Available On	Available_On__c	Date
Age	Age__c	Number(18, 0)

Flows



Triggers

DropOffTrigger.apxt

Code Coverage: None API Version: 62

```
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 }
```

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

New UserReset Password(s)Add Multiple Users

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Bajaj_Nishita	NBaja	nishitabajaj@salesforce.com		✓	System Administrator
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty00dns000007tzh72ak.hltictuadx@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	Iksha_Foundation_Iksha Foundation	Iksh	ikshafoundn21@sb.com		✓	NGOs Profile
<input type="checkbox"/> Edit	NSS_NSS	nssa	ns21@gmail.com		✓	NGOs Profile
<input type="checkbox"/> Edit	Street_Cause_Street Cause	sstre	street21@gmail.com		✓	NGOs Profile
<input type="checkbox"/> Edit	User_Integration	integ	integration@00dns000007tzh72ak.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User_Security	sec	insightsecurity@00dns000007tzh72ak.com		✓	Analytics Cloud Security User

New UserReset Password(s)Add Multiple Users

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

New

Action	Label	Group Name	Created By	Created Date
Edit Del	Iksha	Iksha	Bajaj_Nishita	24/11/2024, 1:11 am
Edit Del	NSS	NSS	Bajaj_Nishita	24/11/2024, 1:12 am
Edit Del	Street_Cause	Street_Cause	Bajaj_Nishita	24/11/2024, 1:12 am

Report Types

SETUP

Report Types

All Custom Report types

Help on this Page

With custom report types, you can enable users to create reports from the predefined objects, object relationships, and fields that you specify.

View:

All Custom Report Types

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 Custom Report Type

Action	Label	Description	Category	Deployed	Created By Alias	Created Date
Edit Del	Drop-Off Points with Volunteers with Execution Details	Drop-Off Points with Volunteers with Execution Details	Other Reports	<input checked="" type="checkbox"/>	NBajaj	23/11/2024
Edit Del	Orchestration Run Logs Spring '24	Find out which orchestration run logs were created and what happened in their associated orchestration runs.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Orchestration Runs Spring '24	Find out which orchestration runs were created.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Orchestration Stage Runs Spring '24	Find out which orchestration stage runs were created and the current status of each run.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Orchestration Step Runs Spring '24	Find out which orchestration step runs were created and the current status of each run.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Orchestration Work Items Spring '24	Find out which orchestration work items were created, who's the associated assignee, and what's the current status of each work item.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Program Definition Spring '24	Review your analytics with a program-like structure. See each program task, target day, results, and more directly in a report and dashboard.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Program Definition Summer '24	Review your analytics with a program-like structure. See each program task, target day, results, and more directly in a report and dashboard.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Program Item Progress Spring '24	Report on tasks like exercises, milestones, and outcomes progress. Overall program progress isn't captured in this report.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Program Item Progress Summer '24	Report on tasks like exercises, milestones, and outcomes progress. Overall program progress isn't captured in this report.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Program Progress Spring '24	Report on program progress. Specific progress on milestones and exercises aren't captured in this report.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Program Progress Summer '24	Report on program progress. Specific progress on milestones and exercises aren't captured in this report.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Screen Flows	Find out which flows get executed and how long users take to complete each flow screen.	Other Reports	<input checked="" type="checkbox"/>	autoproc	22/11/2024
Edit Del	Venue with DropOff with Volunteer	Venue with DropOff with Volunteer	Other Reports	<input checked="" type="checkbox"/>	NBajaj	24/11/2024
Edit Del	Volunteers with Execution Details and Tasks	Volunteers with Execution Details and Tasks	Other Reports	<input checked="" type="checkbox"/>	NBajaj	10/12/2024

Show me fewer records per list page

Reports

Report: Volunteers with Execution Details and Tasks

Volunteer Task

Total Records
1

<input type="checkbox"/> Volunteer ID	Volunteer Name	Task: Task Name	Execution Detail Name	Owner: Full Name	Date	Rating
<input type="checkbox"/> a03NS0000MmuhZ (1)	Vol1	tv3	EV#	Nishita Bajaj	31/12/2024	-
Subtotal						
Total (1)						

Report: Venue with DropOff with Volunteer

venue and Drop Off point

Total Records
2

Total Distance
65.0000

<input type="checkbox"/> Volunteer Name	Venue Name	Drop-Off Point Name	Distance
<input type="checkbox"/> Vol1 (1)	ven3	v3venue	50.0000
Subtotal			50.0000
<input type="checkbox"/> vol2 (1)	V2	v2	15.0000
Subtotal			15.0000
Total (2)			65.0000

Dashboards

Dashboard

Task Execution Details

As of 10-Dec-2024, 11:53 pm Viewing as Nishita Bajaj

Refresh

Edit

Subscribe

venue and Drop Off point

Venue Name	Drop-Off Point Name	Distance
v2	v2	15.0000
ven3	v3venue	50.0000

View Report (venue and Drop Off point)

Volunteer Task

Record Count

1

0.8

0.6

0.4

0.2

0

a03NS00000MmuhZ

Volunteer ID

View Report (Volunteer Task)

Dashboard

Organization Details

As of 10-Dec-2024, 10:46 pm Viewing as Nishita Bajaj

venue and Drop Off point

Venue Name	Drop-Off Point Name	Distance
fifth	-	-
first venue	third	-
fourth venue	-	-
second venue	-	-
third venue	-	-

View Report (venue and Drop Off point)

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

Home Page

FoodConnect

Home

Venues

Drop-Off Points

Tasks

Volunteers

Execution Details

Reports

Dashboards

Dashboard

Task Execution Details

As of 10-Dec-2024, 11:53 pm Viewing as Nishita Bajaj

Open

Refresh

Subscribe

venue and Drop Off point

Venue Name	Drop-Off Point Name	Distance
v2	v2	15.0000
ven3	v3venue	50.0000

View Report (venue and Drop Off point)

Volunteer Task

Record Count

1

0.8

0.6

0.4

0.2

0

a03NS00000MmuhZ

Volunteer ID

View Report (Volunteer Task)

Venue Form

Venue Name

Email

Phone

Venue Location

Latitude

Longitude

Next

Conclusion

By leveraging the Salesforce platform, the project successfully established a streamlined and transparent system for managing surplus food donations. Through efficient coordination with volunteers and timely delivery to beneficiaries, the project effectively addressed food insecurity while maximizing the utilization of available resources.