

AKSHAYA COLLEGE OF ARTS & SCIENCE
Kinathukadavu, Coimbatore – 642109

TO SUPPLY LEFTOVER FOOD TO POOR

ID: NM2025TMID24852

TEAM LEADER: BAVITHRA M

TEAM MEMBERS:

DHIYA B

KEERTHANA R

SELVADHARSHINI S

AKALYA A

1.INTRODUCTION

1.1 Project Overview

This project titled "To Supply Leftover Food to Poor" aims to address the critical issue of food wastage and hunger by creating a sustainable system to collect leftover food from restaurants, hostels, functions, etc., and distribute it to underprivileged people in urban and rural areas.

1.2 Purpose

The main purpose of this project is to reduce food wastage and alleviate hunger by collecting leftover, edible food from sources like restaurants, hostels, weddings, and other events, and distributing it to the needy and underprivileged people in society.

DEVELOPMENT PHASE

Creating Developer Account:

By using this URL - <https://www.salesforce.com/form/developer-signup/?d=pb>

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

31°C Partly sunny Search 14:24 06-09-2025

Browser tabs: All Mail - 23itbavithra@acascb, Home | Salesforce, Drop-Off Point | Salesforce, - Student

Address bar: orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001kCwr/edit?address=%2F01lgL000001kCwr%2Fe%3FretURL%3D%252Fsetup%252Fobject%252F01lgL00...

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Drop-Off Point

Edit Custom Object

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

Custom Object Definition Edit

Custom Object Information

The singular and plural labels are used in tabs, page layouts, and reports. Be careful when changing the name or label as it may affect existing integrations and merge templates.

Label: Drop-Off Point Example: Account

Plural Label: Drop-Off Points Example: Accounts

Starts with vowel sound: ☐

The Object Name is used when referencing the object via the API.

Object Name: Drop-Off_Point Example: Account

Description

Context-Sensitive Help Setting: ☒ Open the standard Salesforce.com Help & Training window ☐ Open a window using a Visualforce page

Content Name: --None--

Enter Record Name Label and Format

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Drop-Off Point Name Example: Account Name

31°C Partly sunny

Search

ENG IN 14:24 06-09-2025

Browser tabs: All Mail - 23itbavithra@acascb, Home | Salesforce, Task | Salesforce, - Student

Address bar: orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001kD1h/edit?address=%2F01lgL000001kD1h%2Fe%3FretURL%3D%252Fsetup%252Fobject%252F01lgL00...

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Task

Edit Custom Object

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

Custom Object Definition Edit

Custom Object Information

The singular and plural labels are used in tabs, page layouts, and reports. Be careful when changing the name or label as it may affect existing integrations and merge templates.

Label: Task Example: Account

Plural Label: Tasks Example: Accounts

Starts with vowel sound: ☐

The Object Name is used when referencing the object via the API.

Object Name: Task Example: Account

Description

Context-Sensitive Help Setting: ☒ Open the standard Salesforce.com Help & Training window ☐ Open a window using a Visualforce page

Content Name: --None--

Enter Record Name Label and Format

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Task Name Example: Account Name

31°C Partly sunny

Search

ENG IN 14:24 06-09-2025

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

Custom Object Definition Edit

Custom Object Information

The singular and plural labels are used in tabs, page layouts, and reports. Be careful when changing the name or label as it may affect existing integrations and merge templates.

Label: Example: Account

Plural Label: Example: Accounts

Starts with vowel sound: ☐

The Object Name is used when referencing the object via the API.

Object Name: Example: Account

Description:

Context-Sensitive Help Setting: ☒ Open the standard Salesforce.com Help & Training window ☐ Open a window using a Visualforce page

Content Name:

Enter Record Name Label and Format

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Example: Account Name

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

Scoping Rules

Custom Object Definition Edit

Custom Object Information

The singular and plural labels are used in tabs, page layouts, and reports. Be careful when changing the name or label as it may affect existing integrations and merge templates.

Label: Example: Account

Plural Label: Example: Accounts

Starts with vowel sound: ☐

The Object Name is used when referencing the object via the API.

Object Name: Example: Account

Description:

Context-Sensitive Help Setting: ☒ Open the standard Salesforce.com Help & Training window ☐ Open a window using a Visualforce page

Content Name:

Enter Record Name Label and Format

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Example: Account Name

Developed Lightning App with relevant tabs:

The screenshot shows the 'New Lightning App' setup screen in Salesforce. The 'App Details & Branding' section is active, where the user is configuring the app's name, developer name, description, branding image, and primary color. The 'App Details' section includes fields for 'App Name' (FoodConnect), 'Developer Name' (FoodConnect), and 'Description' (Enter a description...). The 'App Branding' section includes an 'Image' upload button and a 'Primary Color Hex Value' dropdown set to '#0070D2'. Below these sections is an 'App Launcher Preview' and a 'Next' button. The background shows a list of existing Lightning apps.

ID	App Name	Developer Name	Description	Created At	Theme	Status
13	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	8/19/2025, 10:23 PM	Lightning	✓
14	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	8/19/2025, 10:23 PM	Classic	✓
15	My Service Journey	MSJApp	Discover new customer service capabilities.	8/19/2025, 10:23 PM	Lightning	✓

The screenshot shows the 'New Lightning App' setup screen in Salesforce, specifically the 'App Options' section. This section allows the user to configure navigation and form factors, setup experience, and app personalization settings. The 'Navigation and Form Factor' section includes options for 'Navigation Style' (Standard navigation, Console navigation) and 'Supported Form Factors' (Desktop and phone, Desktop, Phone). The 'Setup and Personalization' section includes options for 'Setup Experience' (Setup (full set of Setup options), Service Setup, Data Cloud Setup) and 'App Personalization Settings' (Disable end user personalization of nav items in this app, Disable temporary tabs for items outside of this app, Use Omni-Channel sidebar). The 'Back' and 'Next' buttons are visible at the bottom of the setup card. The background shows the same list of existing Lightning apps as the previous screenshot.

ID	App Name	Developer Name	Description	Created At	Theme	Status
13	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	8/19/2025, 10:23 PM	Lightning	✓
14	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	8/19/2025, 10:23 PM	Classic	✓
15	My Service Journey	MSJApp	Discover new customer service capabilities.	8/19/2025, 10:23 PM	Lightning	✓

orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

New Lightning App

Navigation Items

Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.

Available Items

repo

Selected Items

- Home
- Venues
- Drop-Off Points
- Tasks
- Execution Details
- Reports

Back Next

13	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	8/19/2025, 10:23 PM	Lightning	✓
14	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	8/19/2025, 10:23 PM	Classic	✓
15	My Service Journey	MSJApp	Discover new customer service capabilities.	8/19/2025, 10:23 PM	Lightning	✓

orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

New Lightning App

User Profiles

Choose the user profiles that can access this app.

Available Profiles

systeme

Salesforce API Only System Integrations

Selected Profiles

System Administrator

Back Save & Finish

13	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	8/19/2025, 10:23 PM	Lightning	✓
14	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	8/19/2025, 10:23 PM	Classic	✓
15	My Service Journey	MSJApp	Discover new customer service capabilities.	8/19/2025, 10:23 PM	Lightning	✓

Configured fields and relationships for Venue, Drop-Off Point, Task, Volunteer, Execution Detail:

Browser tabs: All Mail - 23itbavithra@acascb... | Home | Salesforce | Volunteer | Salesforce | Student

Address bar: orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001KD6X/FieldsAndRelationships/00NgL00001LI4OJ/edit

Search Setup

Setup | Home | Object Manager

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
Scoping Rules

Custom Field Definition Edit
Change Field Type | Save | Cancel

Field Information

Field Label	Drop-Off Point	Data Type	Master-Detail
Field Name	Drop_Off_Point		
Description			
Help Text			
Data Owner	User		
Field Usage	--None--		
Data Sensitivity Level	--None--		
Compliance Categorization	Available: PII, HIPAA, GDPR, PCI	Chosen:	

Master-Detail Options

Related To	Drop-Off Point	Child Relationship Name	Volunteers
Related List Label	Volunteers		
Sharing Setting	Select the minimum access level required on the Master record to create, edit, or delete related Detail records: <input type="radio"/> Read Only. Allows users with at least Read access to the Master record to create, edit, or delete related Detail records.		

31°C Partly sunny | Search | ENG IN | 14:39 06-09-2025

Browser tabs: All Mail - 23itbavithra@acascb... | Home | Salesforce | Execution Detail | Salesforce | Student

Address bar: orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001KD6X/FieldsAndRelationships/00NgL00001LI4jh/edit

Search Setup

Setup | Home | Object Manager

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
Scoping Rules

Custom Field Definition Edit
Change Field Type | Save | Cancel

Field Information

Field Label	Volunteer	Data Type	Master-Detail
Field Name	Volunteer		
Description			
Help Text			
Data Owner	User		
Field Usage	--None--		
Data Sensitivity Level	--None--		
Compliance Categorization	Available: PII, HIPAA, GDPR, PCI	Chosen:	

Master-Detail Options

Related To	Volunteer	Child Relationship Name	Execution_Details
Related List Label	Execution Details		
Sharing Setting	Select the minimum access level required on the Master record to create, edit, or delete related Detail records:		

31°C Partly sunny | Search | ENG IN | 14:41 06-09-2025

Browser tabs: All Mail - 23itbavithra@acascb, Home | Salesforce, Execution Detail | Salesforce, - Student

Address bar: orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001KDCz/FieldsAndRelationships/00NgL000001LH53a/edit

Search Setup

Setup Home Object Manager

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

Scoping Rules

Edit Execution Detail Custom Field

Task

Have feedback on lookup filters? Comment on IdeaExchange! Help for this Page

Custom Field Definition Edit

Change Field Type Save Cancel

Field Information

Field Label Task Data Type Master-Detail

Field Name Task

Description

Help Text

Data Owner User

Field Usage --None--

Data Sensitivity Level --None--

Compliance Categorization

Available: PII, HIPAA, GDPR, PCI

Chosen

Master-Detail Options

Related To Task

Child Relationship Name Execution_Details

Activate Windows

Go to Settings to activate Windows.

33°C Partly sunny

Search

ENG IN 14:41 06-09-2025

Browser tabs: All Mail - 23itbavithra@acascb, Home | Salesforce, Drop-Off Point | Salesforce, - Student

Address bar: orgfarm-1e1fa50e5c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001KCwr/FieldsAndRelationships/00NgL000001L6LJ/edit

Search Setup

Setup Home Object Manager

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

Edit Drop-Off Point Custom Field

Venue

Have feedback on lookup filters? Comment on IdeaExchange! Help for this Page

Custom Field Definition Edit

Change Field Type Save Cancel

Field Information

Field Label Venue Data Type Lookup

Field Name Venue

Description

Help Text

Data Owner User

Field Usage --None--

Data Sensitivity Level --None--

Compliance Categorization

Available: PII, HIPAA, GDPR, PCI

Chosen

Lookup Options

Related To Venue

Child Relationship Name Drop_Off_Points

Activate Windows

Go to Settings to activate Windows.

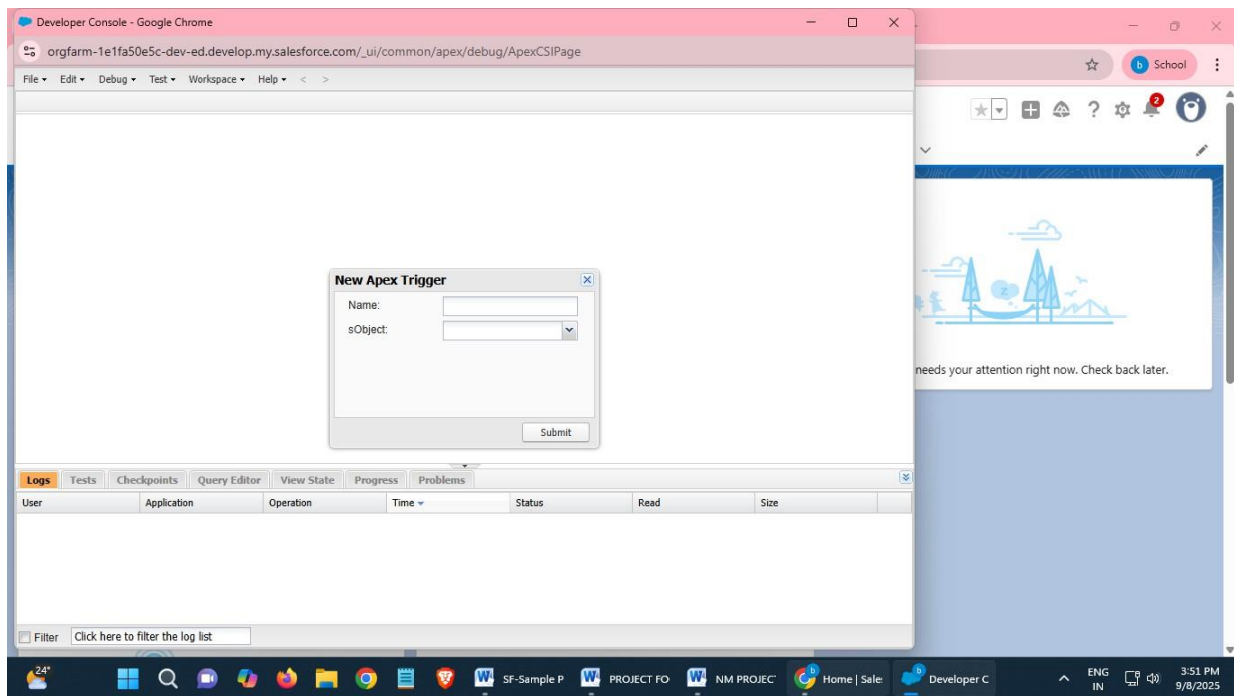
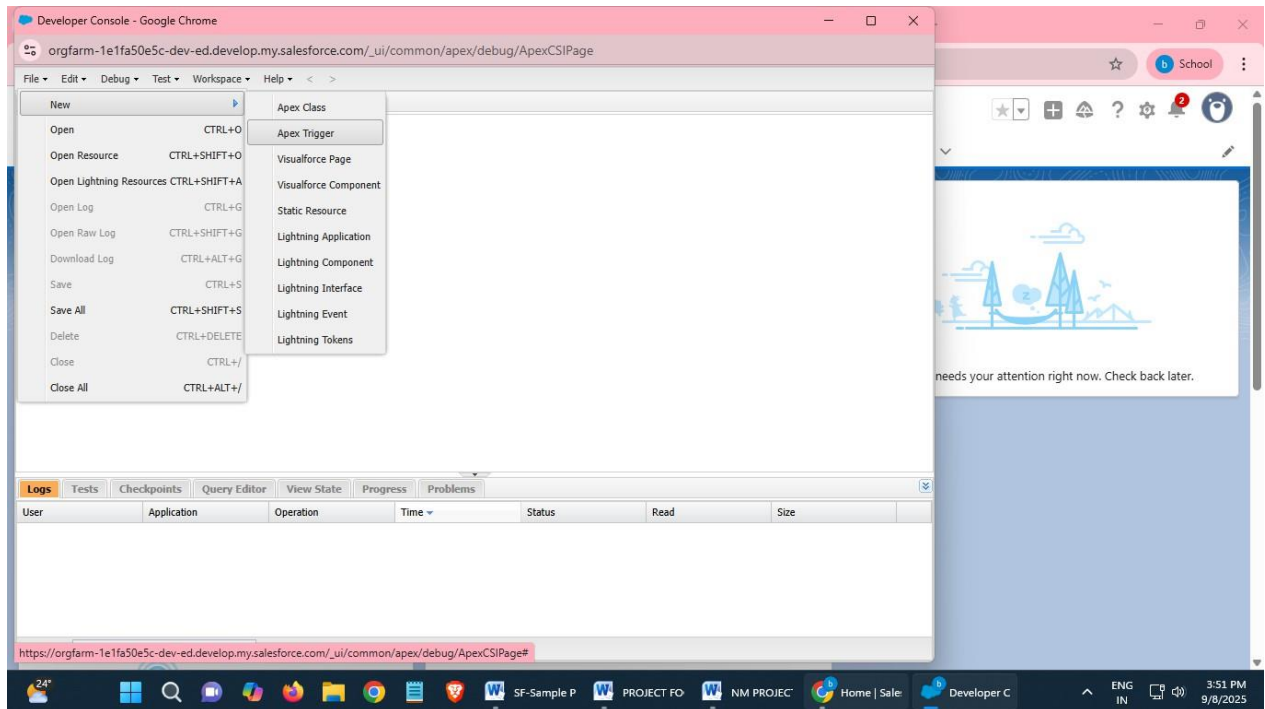
Required ☐ Always require a value in this field in order to save a record.

33°C Partly sunny

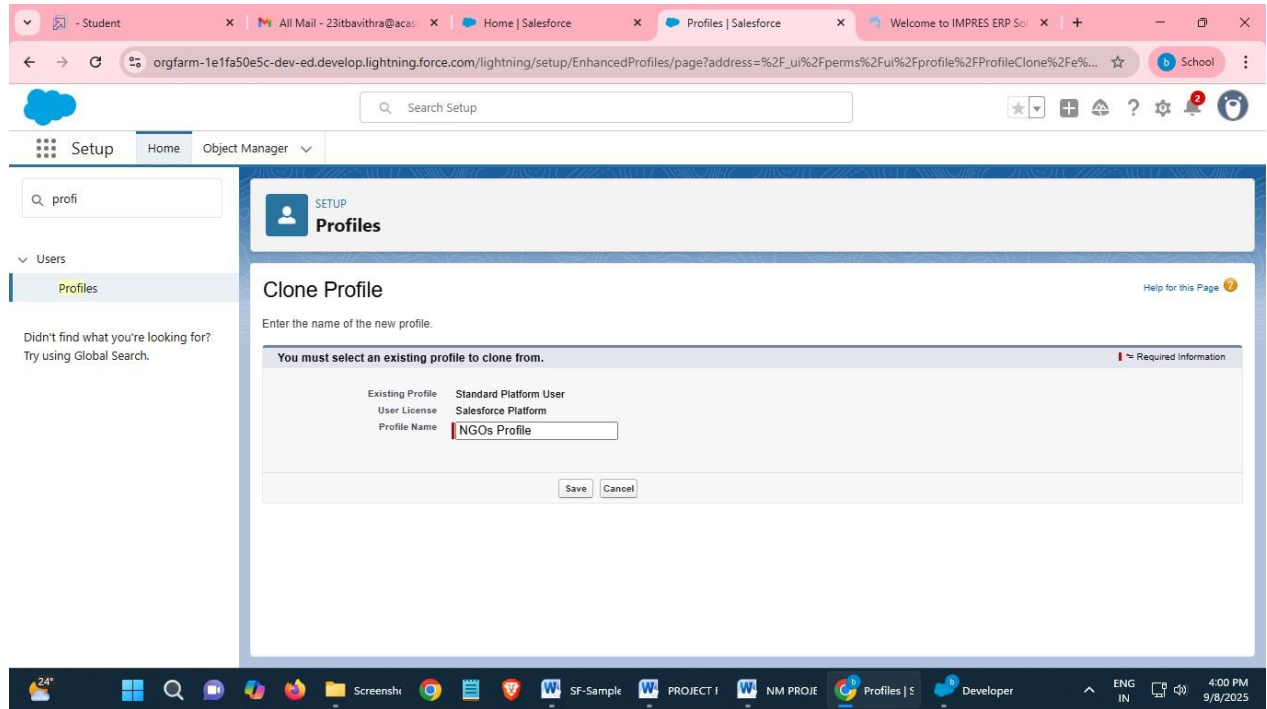
Search

ENG IN 14:42 06-09-2025

Create a Trigger:



Create Profiles:



Creation of Users:

General Information	
First Name	<input type="text" value="Iksha Foundation"/>
Last Name	<input type="text" value="Iksha_Foundation"/>
Alias	<input type="text" value="iiksh"/>
Email	<input type="text" value="bhargavipaila1023@gmail.co"/>
Username	<input type="text" value="ikshafoundation@sb.com"/>
Nickname	<input type="text" value="User1711437164226559933"/>
Title	<input type="text"/>
Company	<input type="text"/>
Department	<input type="text"/>
Division	<input type="text"/>
Role	<input type="text" value="<None Specified>"/>
User License	<input type="text" value="Salesforce Platform"/>
Profile	<input type="text" value="NGOs Profile"/>
Active	<input checked="" type="checkbox"/>
Marketing User	<input type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>

<input type="checkbox"/>	Edit Login	Iksha_Foundation_Iksha Foundation	iiksh	ikshafoundation@sb.com	<input checked="" type="checkbox"/>	NGOs Profile
<input type="checkbox"/>	Edit Login	NSS_NSS	nnss	nss@sb.com	<input checked="" type="checkbox"/>	NGOs Profile
<input type="checkbox"/>	Edit Login	Street_Cause_Street Cause	sstre	streetcause@sb.com	<input checked="" type="checkbox"/>	NGOs Profile

Creation of Report Types:

The screenshot shows the Salesforce Setup interface for creating a Custom Report Type. The left sidebar contains a search bar with 'repo' and a navigation menu with categories like Feature Settings, Analytics, and Security. The main content area is titled 'Custom Report Types' and shows step 1: 'Define the Custom Report Type'. The 'Report Type Focus' section has 'Primary Object' set to 'Venues'. The 'Details' section includes fields for 'Display Label' (Venue with DropOff with Volunteer), 'API Name' (Venue_with_DropOff_with_Volunteer), and 'Description' (Venue with DropOff with Volunteer). 'Cancel' and 'Save' buttons are at the bottom right.

Creation of Report on Venue with Drop Off with Volunteer:

<div>Outline</div> <div>Filters 2</div>		Previewing a limited number of records. Run the report to see everything.			
<div>Groups</div> <div>GROUP ROWS</div> <div>Add group...</div> <div>Volunteer Name</div> <div>GROUP COLUMNS</div> <div>Add group...</div> <div>Columns</div> <div>Add column...</div> <div>Venue Name</div> <div>Drop-Off point Name</div> <div># Distance</div>		Volunteer Name	Venue Name	Drop-Off point Name	Distance
		- (4)	La Royale Banquet Hall.	Shapur	5.1161
			La Royale Banquet Hall.	Jeedimetla	6,902.9995
			Paradise Garden Function Hall	Suraram Village	28.2332
			Ujwala Grand	-	-
		Subtotal			6,936.3488
		Total (4)			6,936.3488

Creation of Report on Volunteers with Execution Details and Tasks:

REPORT Volunteer Task Volunteers with Execution Details and Tasks

Previewing a limited number of records. Run the report to see everything.

Update Preview Automatically

Volunteer ID	Volunteer: Volunteer Name	Task: Task Name	Execution Detail: Execution Detail Name	Volunteer: Owner Name	Task: Date	Task: Rating
2 (1)	Charan	Task 2	Execution 2	Iksha Foundation Iksha_Foundation	28/03/2024	5
Subtotal						
4 (1)	Bhavika	Task 1	Execution 1	Iksha Foundation Iksha_Foundation	28/03/2024	4
Subtotal						
Total (2)						

Row Counts Detail Rows Subtotals Grand Total

Creation Of Dashboards:

Report

venue and Drop Off point

☐ Use chart settings from report

Display As



Groups

Add group...

Columns

Preview

venue and Drop Off point

Venue Name	Drop-Off point Name	Distance
La Royale Banquet Hall.	Shapur	5.1161
La Royale Banquet Hall.	Jeedimetla	6.9030κ
Paradise Garden Function Hall	Suraram Village	28.2332
Ujwala Grand	-	-

View Report (venue and Drop Off point)

Report

Volunteer Task

☐ Use chart settings from report

Display As



X-Axis

Volunteer ID

Y-Axis

Preview

Volunteer Task



View Report (Volunteer Task)



Dashboard

Task Execution Details

As of 29-Mar-2024, 9:55 am Viewing as Palla Bhargavi

Refresh

Edit

Subscribe

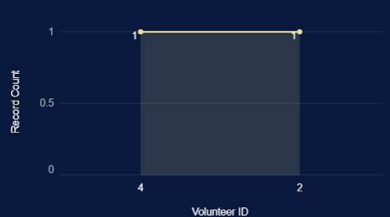


venue and Drop Off point

Venue Name	Drop-Off point Name	Distance
La Royale Banquet Hall.	Shapur	5.1161
La Royale Banquet Hall.	Jeedimetla	6.9030
Paradise Garden Function Hall	Suraram Village	28.2332
Ujwala Grand	-	-

View Report (venue and Drop Off point)

Volunteer Task



View Report (Volunteer Task)



Creation of Home Page:

Dashboard

Task Execution Details

As of 29-Mar-2024, 9:55 am Viewing as Palla Bhargavi

Open

Refresh

Subscribe

venue and Drop Off point

Venue Name	Drop-Off poi...	Dis...
La Royale Banquet Hall.	Shapur	5.116
La Royale Banquet Hall.	Jeedimetla	6.903
Paradise Garden Function Hall	Suraram Village	28.23
Ujwala Grand	-	-

View Report (venue and Drop Off point)

Volunteer Task

Volunteer ID	Record Count
4	1
2	1

View Report (Volunteer Task)

Flow Component: Venue Form

This is a placeholder. Flows don't run in the canvas.

Add Component(s) Here

Add Component(s) Here

ADVANTAGES

Environmental Benefits:

Donating surplus food prevents food from being wasted, which reduces the environmental footprint associated with food production and disposal.

Social and Economic Support:

It provides immediate relief to vulnerable people and households, helping to alleviate their food insecurity and reduce personal financial burdens.

Resource Conservation:

Food donation reduces the waste of resources like land, water, fuel, and labour used in food production.

Community Engagement:

It fosters social value and can strengthen community involvement in addressing hunger and food waste.

DISADVANTAGES

Food Safety Risks:

Leftover food, especially after several days in storage, can be a breeding ground for bacteria, posing a risk of foodborne illness for recipients, as bacteria may not always alter the food's taste, smell, or appearance.

Doesn't Address Root Causes:

Donating surplus food does not resolve the underlying issues of poverty and food insecurity, which require structural solutions from governments and companies.

Logistical Challenges:

Establishing effective and hygienic systems for collecting, transporting, and distributing leftover food can be challenging.

Ethical Concerns:

Relying on ad-hoc charity can sometimes divert focus from more robust and sustainable government policies needed to tackle food poverty.

CONCLUSION

Supplying leftover food to the poor is not just an act of charity but also a step towards reducing hunger and preventing food wastage. By channeling surplus food to those in need, we promote compassion, social responsibility, and sustainable living. It creates a society where no one goes to bed hungry while also addressing the problem of excess food disposal. Therefore, donating leftover food is a noble initiative that benefits both humanity and the environment.

APPENDIX

Source Code: Provided in Triggers

```
trigger DropOffTrigger on Drop_Off_point_____c (before
insert)
{
    For (Drop_Off_point_c Drop: Trigger.new)
    {
        Drop.Distance_c = Drop.distance_calculation_c;
    }
}
```