

To Supply Leftover Food to Poor

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Introduction:

Every day, large amounts of edible food go to waste while many poor people struggle with hunger. This project focuses on collecting surplus food from events, restaurants, and households. The aim is to supply this leftover food to the needy, reducing waste and feeding the hungry.

Salesforce developer account creation:



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First name

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Company

Kumaraguru College ✓

Country/Region


India ✓

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

☒ I agree to the Main Services Agreement – Developer Services and Salesforce Program Agreement. I acknowledge, as described in the Developer Documentation: (1) the Developer Edition Includes autonomous and other generative AI features; and (2) Salesforce may limit use of those features and the org, and may terminate any org that has been inactive for 45 days.

Object:

- Drop-off point:



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+

🔄

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⚙️

🔔

👤

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

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








Edit

Delete

- Execution details:



Search Setup



SetupHomeObject 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

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

- Task:



Search Setup



SetupHomeObject Manager

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

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

- Venue:

The screenshot shows the Salesforce Setup interface for the 'Venue' object. The left sidebar contains a list of configuration options: Details (selected), Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Venue' and includes a 'Details' section with the following fields:

Field	Value
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

Buttons for 'Edit' and 'Delete' are located in the top right corner of the details section.

- Volunteer:

The screenshot shows the Salesforce Setup interface for the 'Volunteer' object. The left sidebar contains a list of configuration options: Details (selected), Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Volunteer' and includes a 'Details' section with the following fields:

Field	Value
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

Buttons for 'Edit' and 'Delete' are located in the top right corner of the details section.

orgfarm-2373351694-dev-ed.develop.lightning.force.com/lightning/setup/.../view

Tabs:

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with "tabs" entered. Under "User Interface", "Rename Tabs and Labels" is selected, and "Tabs" is highlighted. The main content area is titled "Custom Tabs" and includes a "Help for this Page" link. Below the title, there is a paragraph explaining custom tabs. A table titled "Custom Object Tabs" lists several tabs with their labels, styles, and descriptions. A "Web Tabs" section is also visible at the bottom.

Action	Label	Tab Style	Description
Edit Del	Drop-Off Points	Alarm clock	
Edit Del	Execution Details	Bank	
Edit Del	Tasks	Apple	
Edit Del	Venues	Airplane	
Edit Del	Volunteers	Balls	

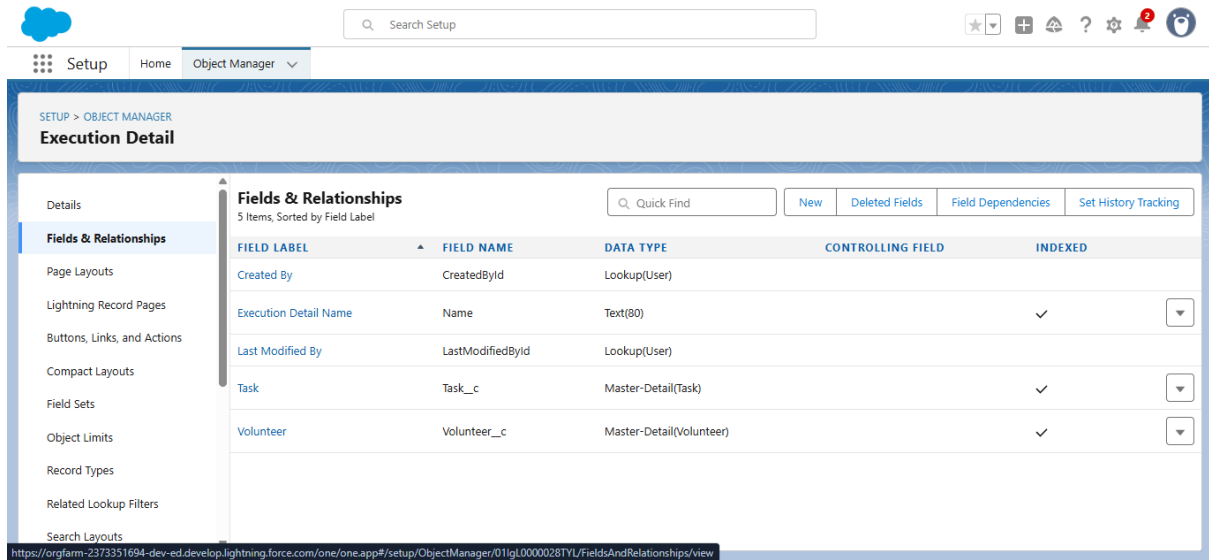
Fields:

- Drop-off point:

The screenshot shows the Salesforce Setup interface for the "Drop-Off Point" object. The left sidebar has "Setup > OBJECT MANAGER" selected, and "Drop-Off Point" is highlighted. The main content area is titled "Fields & Relationships" and includes a "Quick Find" search bar. Below the title, there is a table listing fields with their labels, names, data types, controlling fields, and indexed status.

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		

- Execution details:



The screenshot shows the Salesforce Setup interface. The top navigation bar includes the Setup icon, a search bar labeled "Search Setup", and several utility icons. The main navigation menu on the left shows "Setup" selected, with sub-menus for "Home" and "Object Manager". The "Object Manager" sub-menu is expanded, showing "Execution Detail" as the selected option.

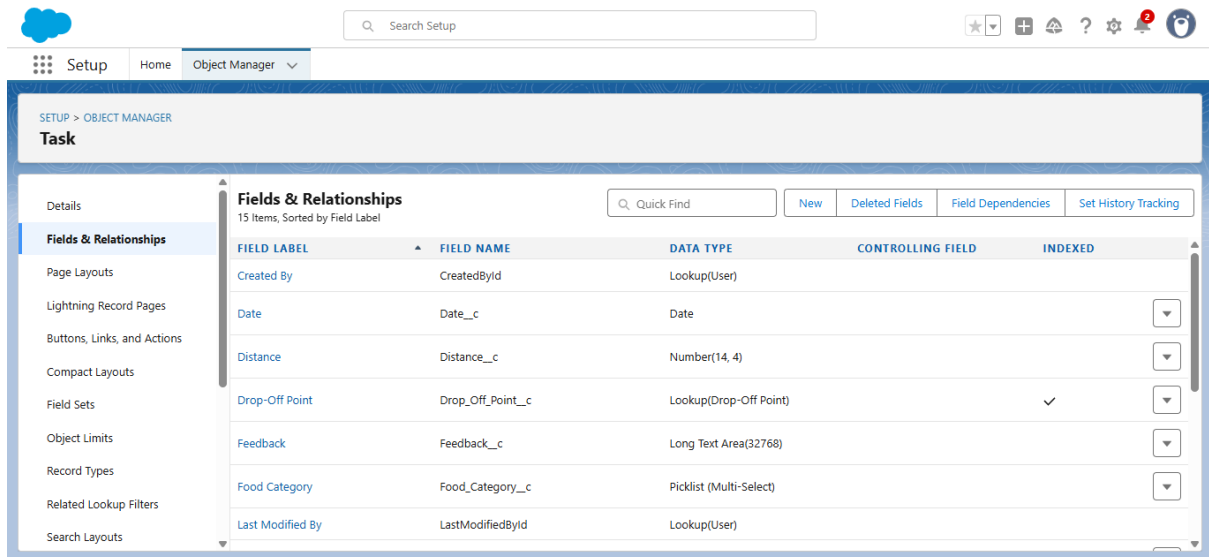
The main content area is titled "SETUP > OBJECT MANAGER Execution Detail". It features a left sidebar with a "Details" section containing links for "Fields & Relationships", "Page Layouts", "Lightning Record Pages", "Buttons, Links, and Actions", "Compact Layouts", "Field Sets", "Object Limits", "Record Types", "Related Lookup Filters", and "Search Layouts". The "Fields & Relationships" link is selected.

The "Fields & Relationships" section displays a table with 5 items, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The items are:

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)		✓

At the bottom of the page, a URL is visible: <https://orgfarm-2373351694-dev-ed.develop.lightning.force.com/one/app#/setup/ObjectManager/01lgL0000028TYL/FieldsAndRelationships/view>

- Task:



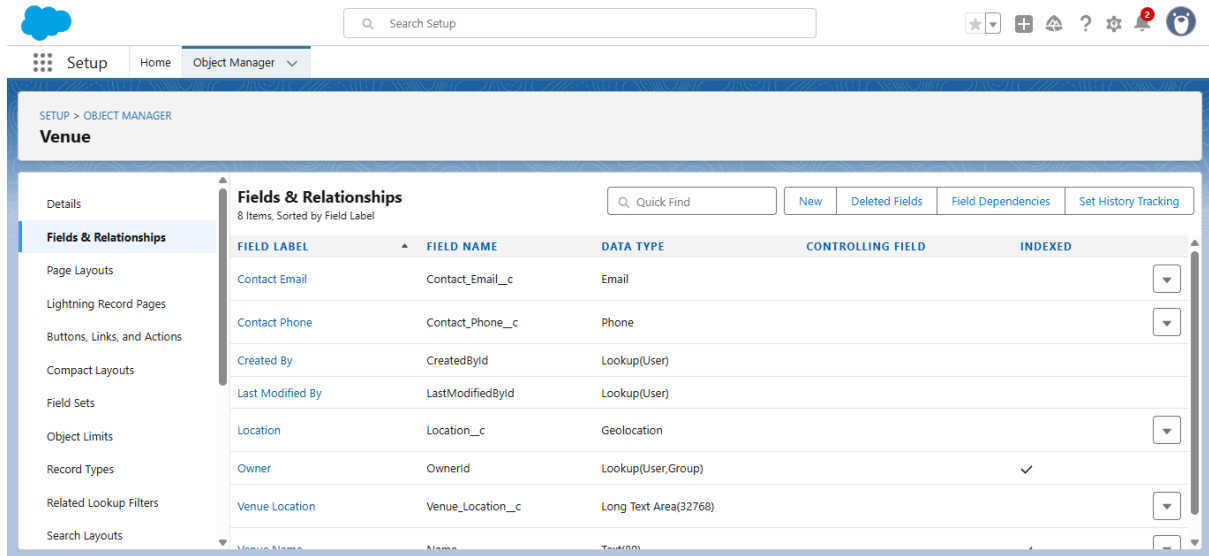
The screenshot shows the Salesforce Setup interface. The top navigation bar includes the Setup icon, a search bar labeled "Search Setup", and several utility icons. The main navigation menu on the left shows "Setup" selected, with sub-menus for "Home" and "Object Manager". The "Object Manager" sub-menu is expanded, showing "Task" as the selected option.

The main content area is titled "SETUP > OBJECT MANAGER Task". It features a left sidebar with a "Details" section containing links for "Fields & Relationships", "Page Layouts", "Lightning Record Pages", "Buttons, Links, and Actions", "Compact Layouts", "Field Sets", "Object Limits", "Record Types", "Related Lookup Filters", and "Search Layouts". The "Fields & Relationships" link is selected.

The "Fields & Relationships" section displays a table with 15 items, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The items are:

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)		

- Venue:



SETUP > OBJECT MANAGER

Venue

Details

Fields & Relationships
8 Items, Sorted by Field Label

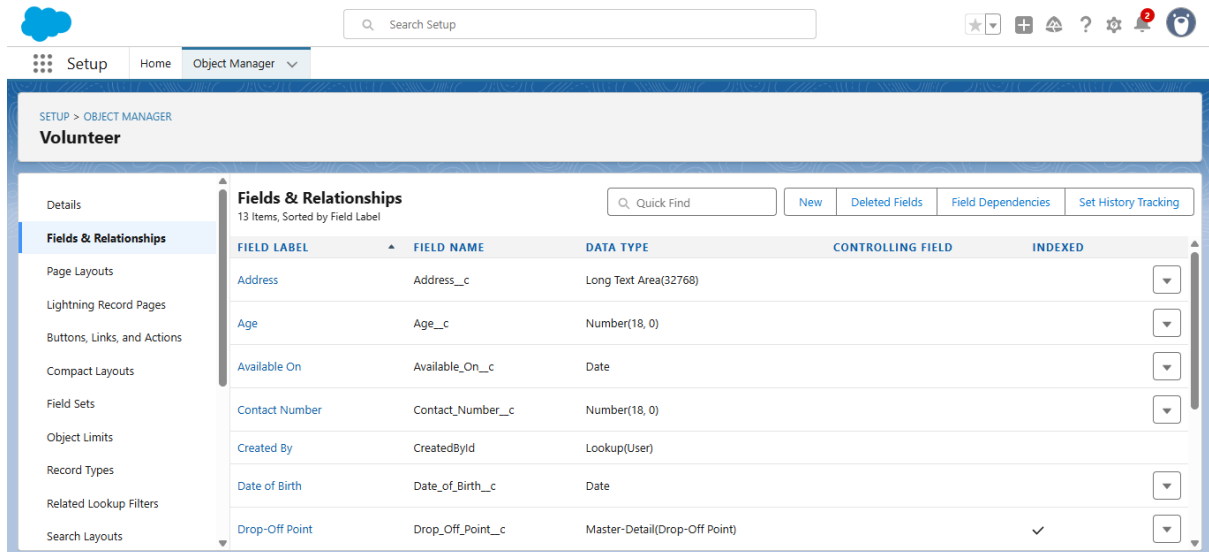
Quick Find:

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Email	Contact_Email__c	Email		<input type="checkbox"/>
Contact Phone	Contact_Phone__c	Phone		<input type="checkbox"/>
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Geolocation		<input type="checkbox"/>
Owner	OwnerId	Lookup(User,Group)		<input checked="" type="checkbox"/>
Venue Location	Venue_Location__c	Long Text Area(32768)		<input type="checkbox"/>
Venue Name	Name	Text(255)		<input type="checkbox"/>

Left sidebar menu: 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

- Volunteer:



SETUP > OBJECT MANAGER

Volunteer

Details

Fields & Relationships
13 Items, Sorted by Field Label

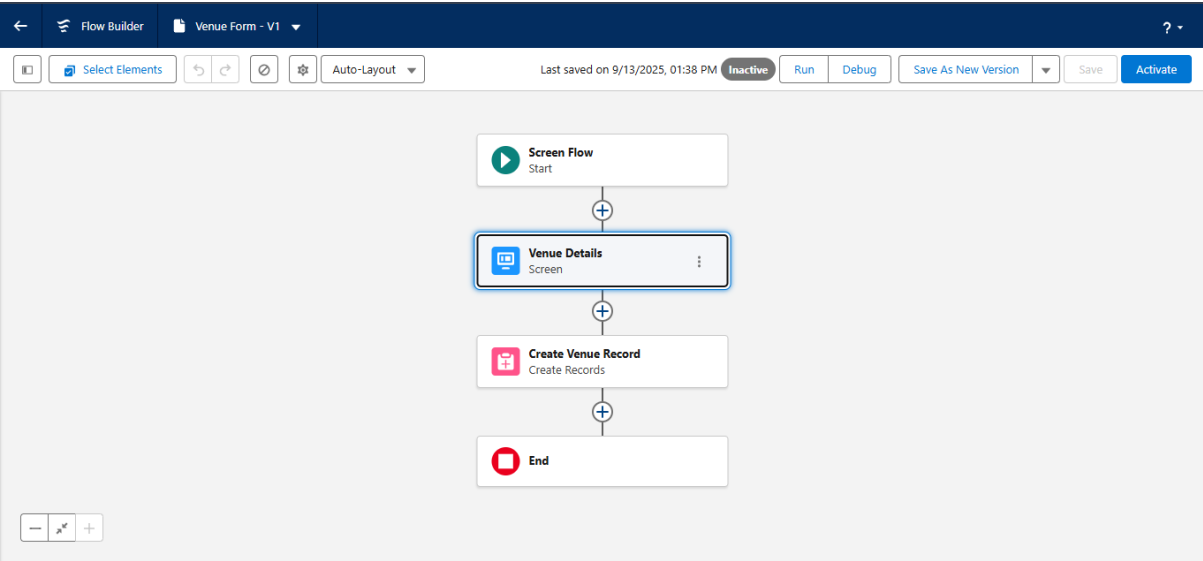
Quick Find:

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Long Text Area(32768)		<input type="checkbox"/>
Age	Age__c	Number(18, 0)		<input type="checkbox"/>
Available On	Available_On__c	Date		<input type="checkbox"/>
Contact Number	Contact_Number__c	Number(18, 0)		<input type="checkbox"/>
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		<input type="checkbox"/>
Drop-Off Point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)		<input checked="" type="checkbox"/>

Left sidebar menu: 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

Flows:



Creation of users:

The screenshot shows a 'Setup' page for 'Users'. The left sidebar contains a search bar with 'users' and a list of navigation items: 'Users' (selected), 'Permission Set Groups', 'Permission Sets', 'Profiles', 'Public Groups', 'Queues', 'Roles', 'User Management Settings', 'Feature Settings', and 'Data.com'. The main content area is titled 'All Users' and includes a description: 'On this page you can create, view, and manage users. To get more licenses, use the Your Account app. Let's Go'. Below this is a 'View: All Users' dropdown and a 'Create New View' link. A table lists the users with columns: Action, Full Name, Alias, Username, Role, Active, and Profile. The table includes buttons for 'New User', 'Reset Password(s)', and 'Add Multiple Users' at the top and bottom. The user list contains 10 entries, each with an 'Edit' link and a checkmark in the 'Active' column.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chatty.00d900000b99swua1.fykbsltn8w3@chatter.salesforce.com		✓	Chatter Free User
Edit	EPIC_OrgFarm	QEPIC	epic.74c9ab1006fd@orgfarm.salesforce.com		✓	System Administrator
Edit	G_Jana Sri	jan	janasri.23bds708@agentforce.com		✓	System Administrator
Edit	Iksha_Foundation_Iksha Foundation	iksh	iksha@nqo.com		✓	NGOs Profile
Edit	NSS_NSS	nss	nss@sbs.com		✓	NGOs Profile
Edit	Street_Cause_Street Cause	sttre	streetcause@sbs.com		✓	NGOs Profile
Edit	User_Integration	integ	integration@00d900000b99swua1.com		✓	Analytics Cloud Integration User
Edit	User_Security	sec	insightssecurity@00d900000b99swua1.com		✓	Analytics Cloud Security User

Public Groups:

Setup

Home

Object Manager

publ

Users

Public Groups

Feature Settings

Salesforce Files

Content Deliveries and Public Links

User Interface

Global Actions

Publisher Layouts

Company Settings

Calendar Settings

Public Calendars and Resources

Didn't find what you're looking for?
Try using Global Search.

Public Groups

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	G. Jana Sri	9/13/2025, 2:10 AM
Edit Del	NSS	NSS	G. Jana Sri	9/13/2025, 2:11 AM
Edit Del	Street Cause	Street Cause	G. Jana Sri	9/13/2025, 2:12 AM

Reports:

Student

Report Types | Salesforce

Recent | Reports | Salesforce

Home | Salesforce

orgfarm-4293dd56e5-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mrui

FoodConnect

Home

Venues

Tasks

Volunteers

Execution Details

Drop-Off Points

Reports

Dashboards

Home

Reports

Recent

4 items

Search recent reports...

New Report

New Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Venue and Drop Off point		Custom Report	Vidula Sri	9/13/2025, 5:12 AM	
Created by Me	Volunteer Task Report Unique Name		Custom Report	Vidula Sri	9/13/2025, 5:10 AM	
Private Reports	Volunteer Task Report Unique Name		Custom Report	Vidula Sri	9/13/2025, 5:06 AM	
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Report Types:

The screenshot shows the Salesforce Setup interface for creating a custom report type. The left sidebar contains navigation links: Setup, Home, Object Manager, and a search bar. The main content area is titled 'Custom Report Types' and shows the first step: '1 Define the Custom Report Type'. The 'Report Type Focus' section indicates the 'Primary Object' is 'Volunteers'. The 'Details' section contains several input fields: 'Display Label' (Volunteers with Execution Details and Tasks), 'API Name' (Volunteers_with_Execution_Details_and_Tasks), 'Description' (Volunteers with Execution Details and Tasks), and 'Store in Category' (Other Reports). A note states: 'Note: Description will be visible to users who create reports.' At the bottom right, there are 'Cancel' and 'Save' buttons.

The screenshot shows the Salesforce Setup interface for the 'Volunteers with Execution Details and Tasks' custom report type. The left sidebar is the same as the previous screenshot. The main content area is titled 'Custom Report Types' and shows the configuration for the report type. The title 'Volunteers with Execution Details and Tasks' is displayed at the top, along with buttons for 'Preview Layout', 'Edit Layout', 'Clone', 'Delete', and 'Close'. Below the title, a note states: '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'. The 'Details' section lists the following information: 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 (Vidula Sri, 9/13/25, 5:25 PM), Store in Category (other), Deployment (Deployed), and Modified By (Vidula Sri, 9/13/25, 5:25 PM). The 'Object Relationships' section shows a diagram with two overlapping circles labeled 'A' and 'B', representing the relationship between 'Volunteers (A)' and 'Execution Details (B)'. Below the diagram, there is a table with columns 'A' and 'B'.

Dash boards:

Student

Report Types | Salesforce

Recent | Dashboards | Salesforce

Home | Salesforce

orgfarm-4293dd56e5-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mru

FoodConnect

Home

Venues

Tasks

Volunteers

Execution Details

Drop-Off Points

Reports

Dashboards

Home

Dashboards

Recent

2 Items

Search recent dashboards...

New Dashboard

New Folder

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Custom Dashboards	Custom Dashboards	Custom Dashboards	Vidula Sri	9/13/2025, 5:25 AM	
Created by Me	Custom Dashboards	Custom Dashboards	Private Dashboards	Vidula Sri	9/13/2025, 5:14 AM	
Private Dashboards						
All Dashboards						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Home page:

Student

Report Types | Salesforce

Home | Salesforce

Home | Salesforce

orgfarm-4293dd56e5-dev-ed.develop.lightning.force.com/lightning/page/home

FoodConnect

Home

Venues

Tasks

Volunteers

Execution Details

Drop-Off Points

Reports

Dashboards

Home

longitude

Next

Dashboard

Custom Dashboards

Custom Dashboards

As of Sep 13, 2025, 5:25 AM

Viewing as Vidula Sri

Open

Refresh

Subscribe

Venue and Drop Off point

We can't draw this chart because there is no data.

View Report (Venue and Drop Off point)

As of Sep 13, 2025, 5:25 AM

Volunteer Task Report Unique Name

We can't draw this chart because there is no data.

View Report (Volunteer Task Report Unique Name)

As of Sep 13, 2025, 5:25 AM

Feature Importance in Random Forest Model

Time spent

Wash activity

Washroom

Preparation

Preparation

Experience point

0.00

0.05

0.10

0.15

0.20

Importance

Conclusion:

This project helps reduce the gap between food wastage and hunger by redirecting surplus food to the needy. It ensures that edible leftovers from various sources are collected and distributed efficiently.

By minimizing waste, it contributes to both social welfare and environmental sustainability. The initiative builds a culture of sharing, compassion, and responsibility in society.

Ultimately, it creates a positive impact by feeding the poor and promoting a hunger-free community.