

To Supply Leftover Food to Poor (Developer)

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College code: 3y

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Introduction:

Utilizing Salesforce, our project streamlines surplus food collection and distribution to the needy, ensuring efficiency and transparency

Creating Developer Account:

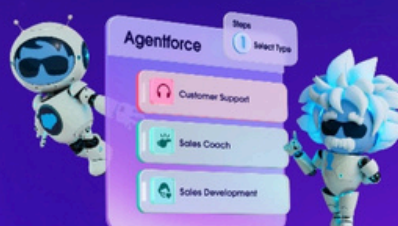
Creating a developer org in salesforce. <https://developer.salesforce.com>



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First name

Manikandan ✓

Last name

M ✓

Job title

Developer ✓

Work email

manikandan.m20 ✓

Company

Sri Ramalinga sov. ✓

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.

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✓ I'm not a robot


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create an object:

SETUP > OBJECT MANAGER

VEBDC

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

Flow Triggers

Validation Rules

Conditional Field Formatting

Details

Description

API Name
VEBDC__c

Custom
✓

singular Label
VEBDC

Plural Label
VEBDCs

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard Salesforce.com Help Window

Edit

Delete

Create a drop-off point,task, volunteer, execution detail:.

[illegible]

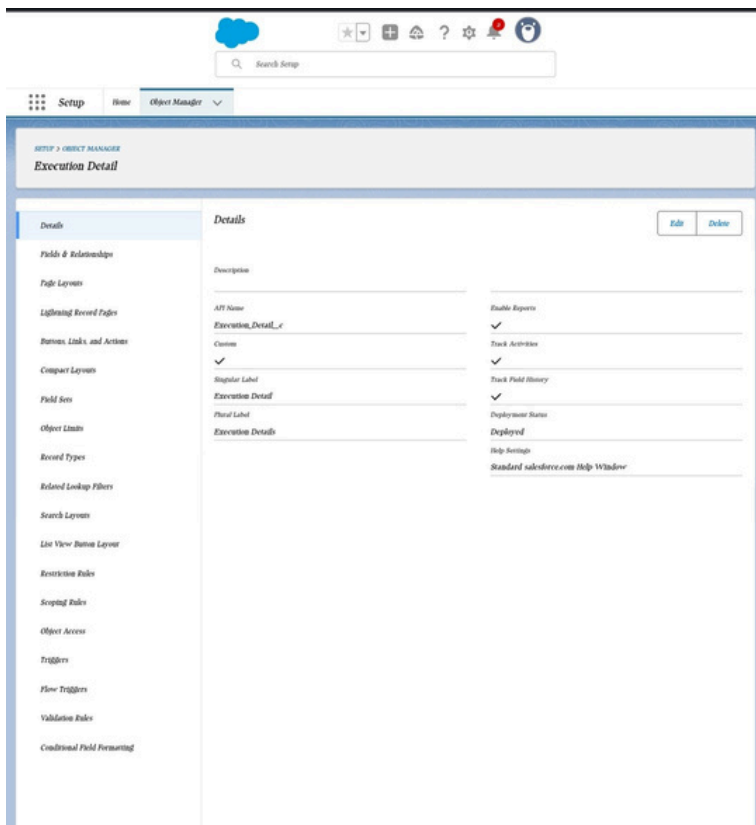
The screenshot shows the Salesforce Lightning interface. At the top, there's a navigation bar with icons for Home, Search, and various system tools. Below this is a breadcrumb trail: Setup > Home > Object Manager > Volunteer. The main header area displays "SETUP > OBJECT MANAGER" and "Volunteer".

The left sidebar contains a menu with the following items:

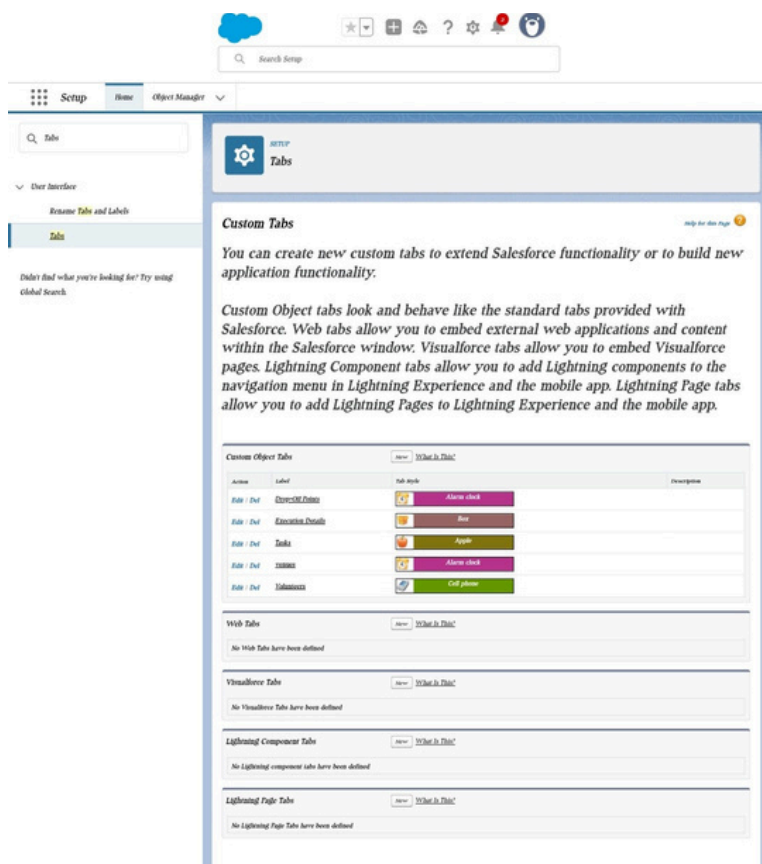
- Details** (selected)
- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters
- Search Layouts
- List View Button Layout
- Restriction Rules
- Scheduling Rules
- Object Access
- Triggers
- Flow Triggers
- Validation Rules
- Conditional Field Formatting

The main content area is titled "Details" and contains several sections:

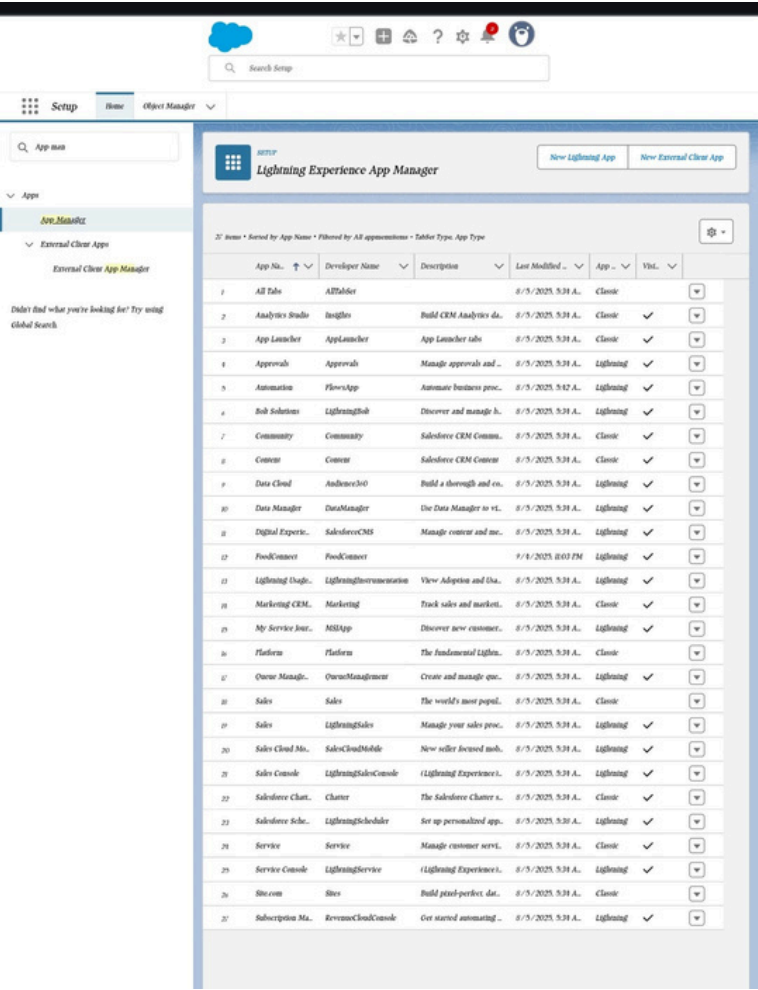
- Description**: A section for describing the object.
- API Name**: Displays "Volunteer__c".
- Custom**: Includes a checkmark indicating custom settings.
- singular Label**: Displays "Volunteer".
- Plural Label**: Displays "Volunteers".
- Enable Reports**: Includes a checkmark.
- Track Activities**: Includes a checkmark.
- Track Field History**: Includes a checkmark.
- Deployment Status**: Displays "Deployed".
- Help Settings**: Includes a link to "Standard salesforce.com Help Window".



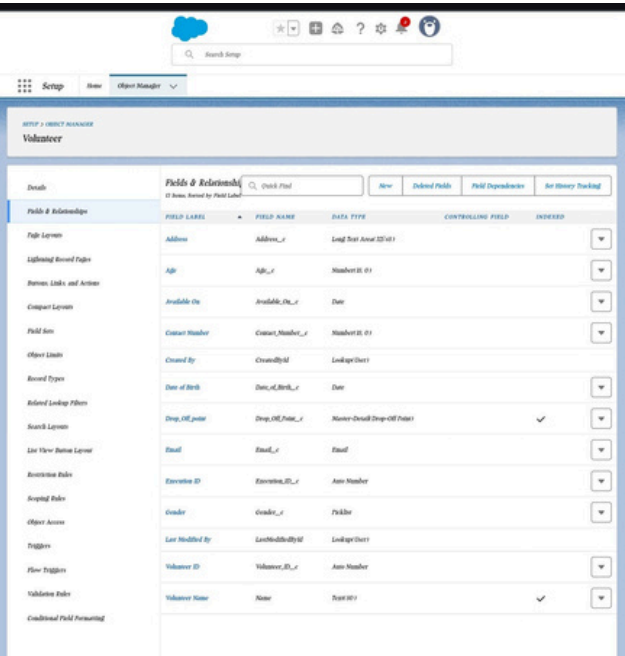
Create a tabs : venue,drop, volunteer,task, Execution detail



create a lightningapp:



Creation of Relationship fields venue, drop, volunteer, task, Execution details in objects:



Search Setup

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Volunteer

Details

Fields & Relationships

Quick Find

New

Deleted Fields

Field Dependencies

See Query Tracking

Fields & Relationships

17 Items. Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Address	Address_c	Long Text Area (255)	
Lightning Record Pages	Age	Age_c	Number (0)	
Buttons, Links, and Actions	Available On	Available_On_c	Date	
Compact Layouts	Contact Number	Contact_Number_c	Number (0)	
Field Sets	Created By	CreatedById	Lookup (User)	
Object Limits	Date of Birth	DateOfBirth_c	Date	
Record Types	Drop Off Point	DropOffPoint_c	Master-Detail Drop-Off Point	
Related Lookup Filters	Email	Email_c	Email	
Search Layouts	Execution ID	Execution_ID_c	Auto Number	
List View Button Layout	Gender	Gender_c	Picklist	
Restriction Rules	Last Modified By	LastModifiedById	Lookup (User)	
Scoping Rules	Volunteer ID	Volunteer_ID_c	Auto Number	
Object Access	Volunteer Name	Name	Text (80)	
Triggers				
Flow Triggers				
Validation Rules				
Conditional Field Formatting				

Search Setup

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

venue

Details

Fields & Relationships

Quick Find

New

Deleted Fields

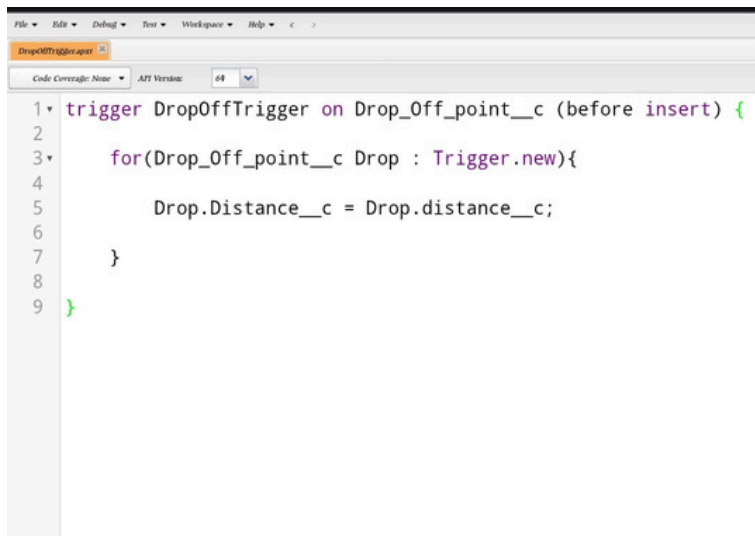
Field Dependencies

Fields & Relationships

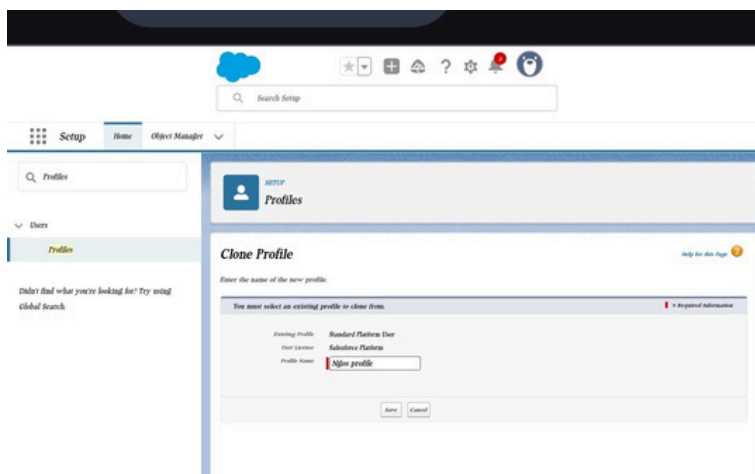
8 Items. Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD
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)	

Create a Trigger:



create a profiles :



Creation of Report Types:

Setup

Home

Object Manager

Reports

Feature Settings

Analytics

Reports & Dashboards

Access Policies

Historical Trending

Report Types

Reporting Snapshots

Reports and Dashboards Settings

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

Search Setup

Custom Report Types

New Custom Report Type

Define the Custom Report Type

Select Primary Object

Select the object that is the focus of reports created with this report type.

Primary Object

Select an object.

Details

Display Label

Enter Label.

API Name

Enter API Name.

Description

Enter description.

Note: Description will be visible to users who create reports.

Store in Category

Select a category.

Set Availability

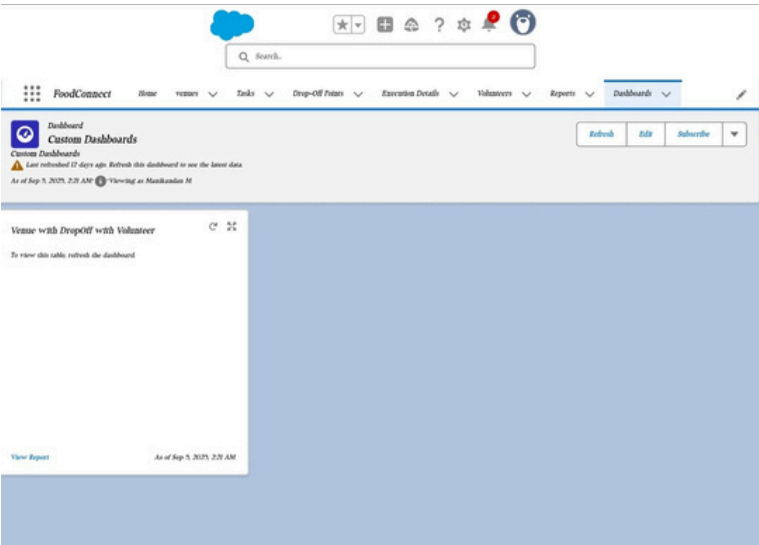
An in-development report type is visible only to users with the Manage Custom Report Types permission. A deployed report type is available to all users.

Status

In Development

Deployed

Adding a dashboards:



Creation of sharing rules

No sharing rules specified

Work Order Sharing Rules [New](#) [Evaluate](#) [Work Order Sharing Rules Help](#)

No sharing rules specified

Work Plan Sharing Rules [New](#) [Evaluate](#) [Work Plan Sharing Rules Help](#)

No sharing rules specified

Work Plan Template Sharing Rules [New](#) [Evaluate](#) [Work Plan Template Sharing Rules Help](#)

No sharing rules specified

Work Step Template Sharing Rules [New](#) [Evaluate](#) [Work Step Template Sharing Rules Help](#)

No sharing rules specified

Work Type Sharing Rules [New](#) [Evaluate](#) [Work Type Sharing Rules Help](#)

No sharing rules specified

Work Type Group Sharing Rules [New](#) [Evaluate](#) [Work Type Group Sharing Rules Help](#)

No sharing rules specified

Drop-Off Point Sharing Rules [New](#) [Evaluate](#) [Drop-Off Point Sharing Rules Help](#)

Action	Criteria	Shared With	Action Level
Edit / Del	Drop-Off Point: Distance LESS THAN 15	Custom Rule	Read Only
Edit / Del	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS THAN 30)	Custom Rule	Read Only
Edit / Del	(Drop-Off Point: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)	Custom Rule	Read Only

Task Sharing Rules [New](#) [Evaluate](#) [Task Sharing Rules Help](#)

Creation of Home Page



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