

To Supply Leftover Food To Poor

Project By,
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About To Supply Leftover Food To Poor people:

Salesforce has been involved in various corporate social responsibility (CSR) initiatives, including projects aimed at addressing hunger and food insecurity by leveraging its technology and platform for good. One specific type of project using Salesforce technology is food rescue and donation management systems. These systems are designed to streamline the process of connecting leftover food with those in need, improving food distribution to underserved populations, including poor communities.

Set-Up Guide

Creating a Salesforce Developer Account:

1. Visit Salesforce Developer Signup.
2. Fill out the signup form:
 - . First Name & Last Name :Prahallika Tummala
 - . Email:prahallikat@gmail.com
 - . Role: Developer
 - . Company: VVIT
 - . Country: India
 - . Postal Code: 522006
 - . Username: praha2512@vvit.com
2. Account Activation
 - Check your email inbox for a verification email from Salesforce.
 - Click Verify Account.
 - Set up your password and security question, then click Change Password.
3. Creating Salesforce Objects
 - Go to Object Manager and create the Custom Objects Like Venue,Drop-off point,Task,Volunteer,Execution Details.

For example create drop-off point :

Create Drop-Off Point Object

To create an object:

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.

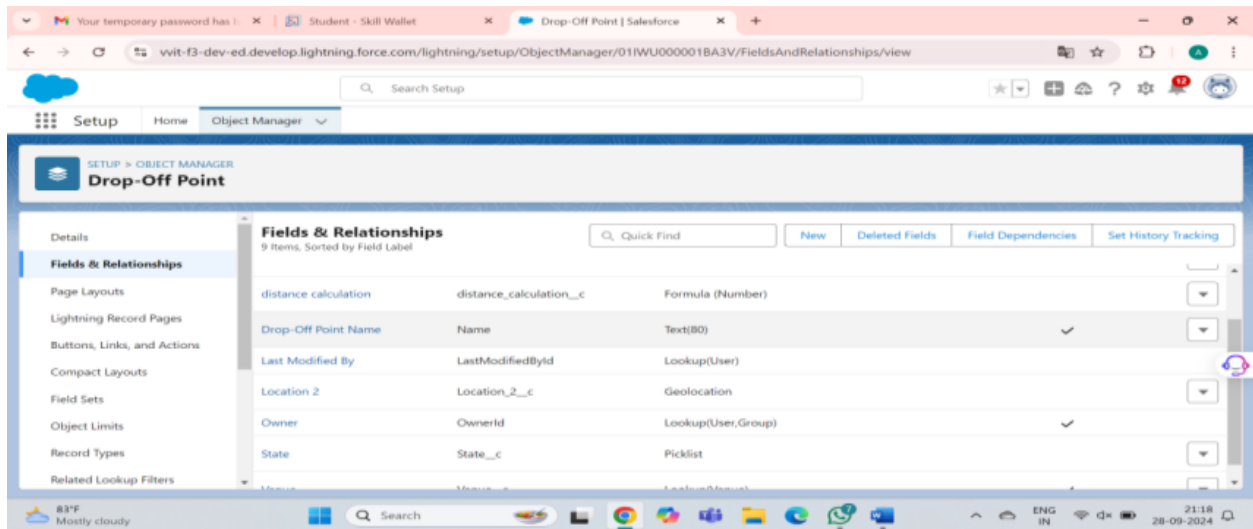
- Enter the label name >> Drop-Off Point
- Plural label name>> Drop-Off Points
- Enter Record Name Label and Format
- Record Name >> Drop-Off point Name
- Data Type >> Text

1. Click on Allow reports and Track Field History,Allow Activities
2. Allow search >> Save.

4.Tabs:

To create custom tabs:

A tab is like a user interface that is used to build records for objects and to view the records in the objects.



Creation of fields for the objects

For the Drop-off Point Object:

Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on

the object.

2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Geolocation” and Click on Next
4. Fill the Above as following:
 1. Field Label : Location 2
 2. Field Name : gets auto generated
 3. Description : Enter the Geolocation of the Drop off Point
 4. Geolocation Options : select Decimal
 5. Decimal Places : 4
 6. Click on Next >> Next >> Save and new.

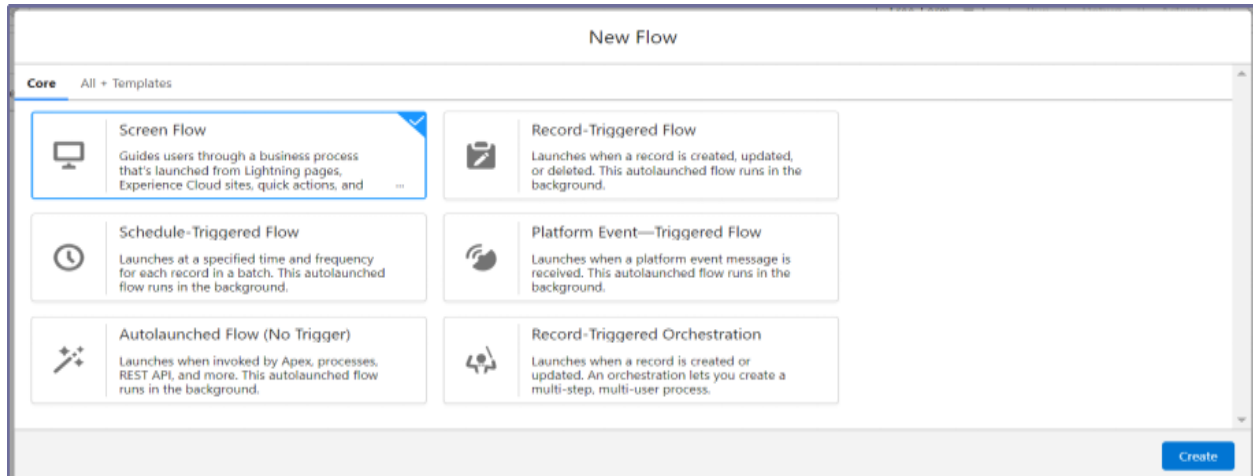
To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Formula” and Click on Next
4. Fill the Above as following:
 1. Field Label : distance calculation
 2. Field Name : distance_calculation
 3. Formula Return Type : Number
 4. Formula Options : `DISTANCE(Location_2__c , Venue__r.Location__c , 'km')`
 5. Click on Next >> Next >> Save and new.

Flows

Create Flow to create a record in Venue object

1. Go to setup >> type Flow in quick find box >> Click on the Flow and Select the New Flow.
2. Select the Screen flow. Click on create.



1. Click on the '+' icon in between start and end, and click on screen element.
 2. Under the Screen Properties:
Label : Venue Details
API Name : Venue_Details
-
1. Now lets add components in this flow. Click on Text Component and name it as:
Label : Venue Name
API Name : Venue_Name
-
1. Click on Email Component and name it as:
Label : Email
API Name : Contact_Email
-
1. Click on Phone Component and name it as:
Label : Phone
API Name : Contact_Phone
-
1. Click on Text Component and name it as:

Label : Venue Location

API Name : Venue_Location

1. Click on Number Component and name it as:

Label : Latitude

API Name : Latitude

1. Click on Number Component and name it as:

Label : longitude

API Name : longitude

1. Next click on Done.

1. Click on the '+' icon in between Venue details and end, and click on create record element.

2. Now label it as

Label : Create Venue Record

API Name : Create_Venue_Record

How Many Records to Create : One

How to Set the Record Fields : Use separate resources, and literal values

Object : Venue

Set Field Values for the Venue : Click on 'Add Field' 5 times

Field : Value = Contact_Email__c : {!Contact_Email.value}

Field : Value = Contact_Phone__c : {!Contact_Phone.value}

Field : Value = Name : {!Venue_Name}

Field : Value = Venue_Location__c : {!location}

Field : Value = Location__Latitude__s : {!latitude}

Field : Value = Location__Longitude__s : {!longitude}

1. This would look like:

Create a Record of This Object

* Object
Venue

Set Field Values for the Venue

Field Contact_Email__c	←	Value Contact_Email > Value X	
Field Contact_Phone__c	←	Value Contact_Phone > Value X	
Field Name	←	Value Venue_Name X	
Field Venue_Location__c	←	Value location X	

1. Click on Save as:

Flow Label : Venue Form

Flow API Name : Venue_Form

Trigger Code:

```
trigger DropOffTrigger on Drop_Off_point__c (before insert) {
    for(Drop_Off_point__c Drop : Trigger.new){
        Drop.Distance__c = Drop.distance_calculation__c;
    }
}
```

Creation Of Users:

User-1:

1. Go to setup page >> type users in Quick Find bar >> click on users>> New user.
2. In General Information give details as: (Note : create users as per your wish NGO's)
 - First Name : Iksha Foundation
 - Last Name : Iksha_Foundation
 - Alias : iiksh
 - Email : Give Your Email
 - Username : ikshafoundation@sb.com (give the username different)

Nickname : Auto Populated

User License : Salesforce Platform

Profile : NGOs Profile

Active : Check

3. Click On Save.

User-2, User-3:

1. Create another Two Users by following steps in Activity - 1 with similar User License and Profile.
2. Give Different First Name, Last Name based on Different NGO's.

Creation Of Report :

1. Go to the app(FoodConnect) >> click on the reports tab
2. Click on New Folder.
Folder Label : Custom Reports
Folder Unique Name : CustomReports
1. Open Custom Reports and click on New Report
2. Select Report Type : Venue with DropOff with Volunteer
3. Then click on Start Report.
4. In GROUP ROWS : Add Volunteer Name
5. In Columns : Add Venue Name, Drop-Off point Name, Distance.
1. Now click on Save & Run.
2. Give Label as :
3. Report Name : venue and Drop Off point
4. Report Unique Name : Auto Populated
5. Click on Select Folder and select Custom Report, then click on Save.

Dashboards:

Adding venue and Drop Off point Report to the Dashboard

1. Go to the app(FoodConnect) >> click on the Dashboards tab.
2. Click on New Folder.
Folder Label : Custom Dashboards
Folder Unique Name : Auto Populated
1. Open Custom Dashboards and click on New Dashboards
2. Name : Organization Details
3. Click on Widget and select Chart or Table
4. In Select Report : Select venue and Drop Off point Report.
5. Then click on select
6. In Add Component:
Display As : Select Lightning Table Component Theme : Select Dark (Optional)

Sharing Rules:

1. Go to setup >> type Sharing Settings in quick find box >> Click on the Sharing Settings.
2. Scroll down and find Drop-Off point Sharing Rules.
3. Click on new near Drop-Off point Sharing Rules and Name it as:
Label : Rule 1
Rule Name : Rule_1
1. Select your rule type : Select Based on criteria.
2. Select which records to be shared:
Field : Operator : Value = Distance : less than : 15
1. Select the users to share with : Near Share With
Public Groups : Iksha

1. Click on Save.
2. Click on new near Drop-Off point Sharing Rules and Name it as:
Label : Rule 2
Rule Name : Rule_2

1. Select your rule type : Select Based on criteria.
2. Select which records to be shared:
Field : Operator : Value = Distance : greater than : 15
Field : Operator : Value = Distance : less or equal : 30

1. Select the users to share with : Near Share With
Public Groups : NSS

1. Click on Save.
2. Click on new near Drop-Off point Sharing Rules and Name it as:
Label : Rule 3
Rule Name : Rule_3

1. Select your rule type : Select Based on criteria.
2. Select which records to be shared:
Field : Operator : Value = Distance : greater than : 30
Field : Operator : Value = Distance : less or equal : 50

1. Select the users to share with : Near Share With
Public Groups : Street Cause

1. Click on Save.

Creation Of HomePage:

1. Go to setup >> type Lightning App Builder in quick find box >> Click on the Lightning App Builder and Select the New.

2. Select Home Page and give Label as HOME Page.
3. Select Standard Home Page.
4. Near Components search for Flow and Drag and Drop in Right Side Section..
5. On the right hand side:

Flow : Venue Flow

1. Near Components search for Dashboard, then Drag and Drop it in first Section.
2. Click on Save and Activation, then click on App Default, then Add Assignments.
3. Add FoodConnect App and then Save.
4. FoodConnect Home Page would Look Like this.

The screenshot displays the FoodConnect Home Page in a web browser. The browser's address bar shows the URL: `wwit-19d-dev-ed.develop.lightning.force.com/lightning/page/home`. The page features a navigation bar with the following menu items: Home, Venues, Drop-Off Points, Tasks, Execution Details, Volunteers, Reports, and Dashboards. The main content area is divided into several sections:

- Organization Details:** A section at the top left showing the organization's name, a date stamp, and a user name. It includes buttons for Open, Refresh, and Subscribe.
- Venue and Drop Off point:** A table with three columns: Venue Name, Drop-Off Point Name, and Volunteer Name. The table contains two rows of data.

Venue Name	Drop-Off Point Name	Volunteer Name
Banquet Hall	Brodipet	PRAT
Banquet Hall	lakshimpuram	anusha
- Volunteer Task:** A section showing a record count and a list of volunteer tasks. It includes a line graph and a table of volunteer records.

Record Count	Volunteer	Volunteer ID
1	VOL-0001	
0.5	VOL-0002	
- Venue Form:** A form on the right side of the page for entering venue details. It includes fields for Venue Name, Email, Phone, Venue Location, Latitude, and Longitude. A 'Next' button is located at the bottom right of the form.

The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock displaying 13:22 on 30-09-2024.