

# **SALESFORCE VIRTUAL INTERNSHIP**

## **SmartInternz**

### **TO SUPPLY LEFTOVER FOOD TO POOR**

By

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#### **Project Abstract :**

This project aims is TO SUPPLY LEFTOVER FOOD TO POOR. The primary aim of this project is to collect leftover food from restaurants, events, and homes and deliver it to poor and hungry people. Every day, a lot of good food is thrown away, while many people don't have enough to eat. The goal is to stop food waste and help those in need by connecting donors with volunteers who can safely deliver the surplus food to communities in need. We will create a simple system where restaurants and households can easily donate extra food, and volunteers will pick it up and take it to shelters, orphanages, and poor neighborhoods.

The project will also raise awareness to encourage more people to share food instead of wasting it. By doing this, we can reduce hunger and help more people get access to meals while minimizing food waste.

# INTRODUCTION



Food wastage and hunger are two major global challenges that often coexist despite their contradictory nature. Every day, restaurants, hotels, events, and households discard large amounts of perfectly edible food, while millions of people around the world, including many in our local communities, struggle with hunger. This project, titled "To Supply Leftover Food to the Poor : Delivering Happiness," is designed to tackle both problems by creating a system that collects surplus food and redistributes it to underprivileged individuals and families.

The primary aim of the project is to reduce food wastage while providing much-needed meals to those who cannot afford them. By connecting food donors such as restaurants, event organizers, and households with volunteers who can distribute the food, we can ensure that excess food reaches those in need. This initiative not only addresses hunger but also promotes sustainability and a sense of community responsibility. Through collective effort, we aim to make a positive difference in the lives of the poor and hungry, delivering happiness one meal at a time.

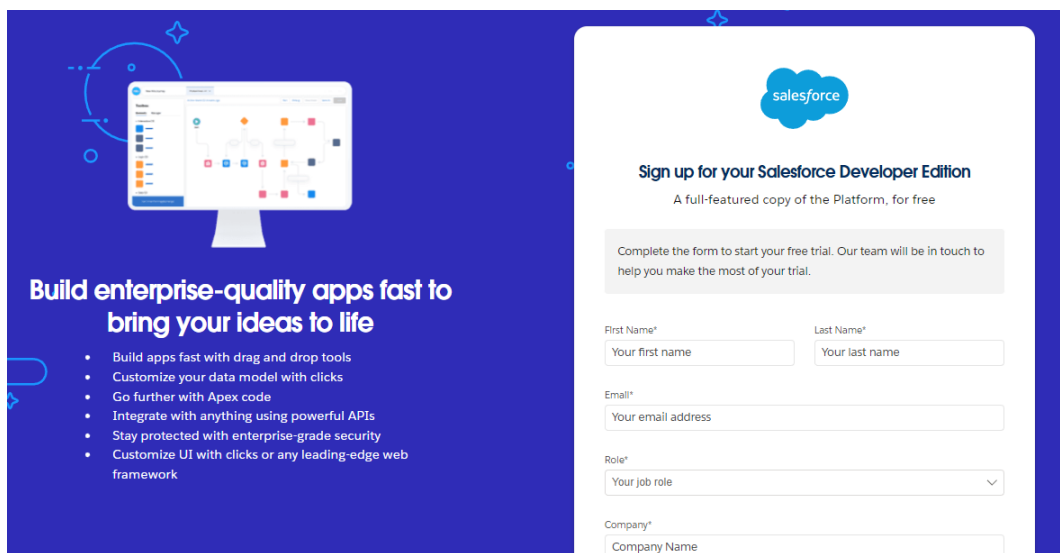
# Salesforce Developer Account Creation

Steps to Follow :

## 1. Creating Developer Account

Creating a developer org in salesforce.

1. Go to <https://developer.salesforce.com/signup>
2. On the sign up form, enter the following details :



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- Customize your data model with clicks
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- Integrate with anything using powerful APIs
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Complete the form to start your free trial. Our team will be in touch to help you make the most of your trial.

First Name\*  Last Name\*

Email\*

Role\*

Company\*

1. First name & Last name
2. Email
3. Role : Developer
4. Company : College or Company Name
5. Country : India
6. Postal Code : pin code
7. Username : should be a combination of your name and company

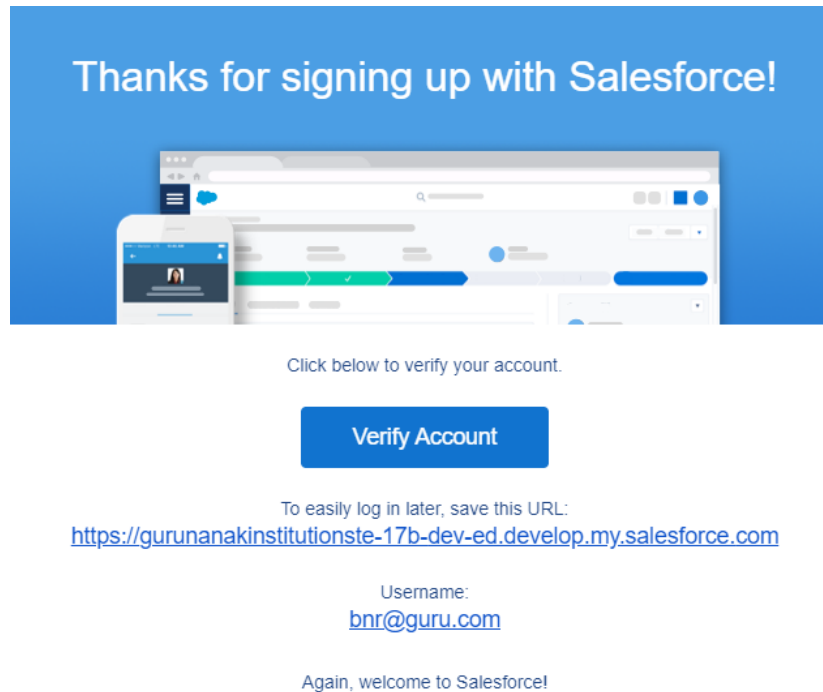
This need not be an actual email id, you can give anything in the format :

username@organization.com

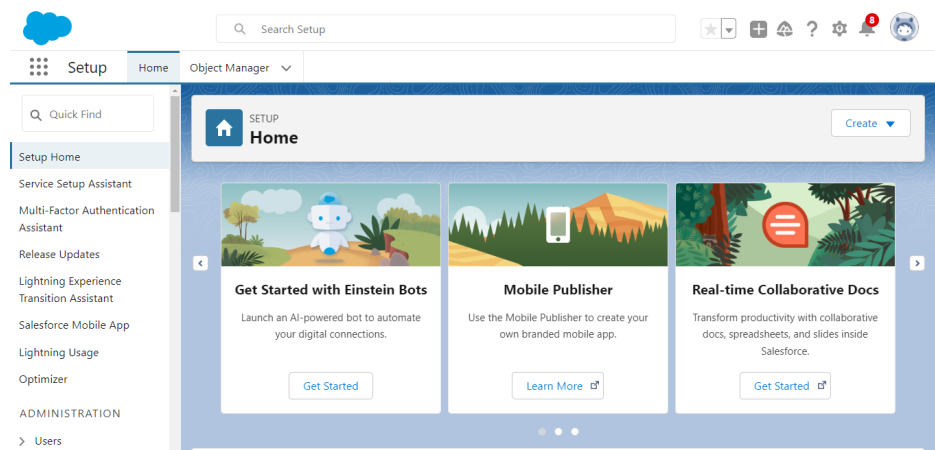
Click on sign me up after filling these.

## Account Activation

1. Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins.



1. Click on Verify Account
2. Give a password and answer a security question and click on change password.
3. Give a password and answer a security question and click on change password.
4. Then you will redirect to your salesforce setup page.



## Object

To create an object:

1. From the setup page > Click on Object Manager > Click on Create > Click on Custom Object.
2. On Custom object defining page:
3. Enter the label name, plural label name, click on Allow reports, Allow search.
4. Click on Save.

## Create Venue Object

To create an object:

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
1. Enter the label name >> Venue
2. Plural label name >> Venues
3. Enter Record Name Label and Format
  - Record Name >> Venue Name
  - Data Type >> Text
2. Click on Allow reports and Track Field History, Allow Activities.
3. Allow search >> Save.

## 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.
1. Enter the label name >> Drop-Off Point
2. Plural label name >> Drop-Off Points
3. Enter Record Name Label and Format
  - Record Name >> Drop-Off point Name
  - Data Type >> Text
2. Click on Allow reports and Track Field History, Allow Activities
3. Allow search >> Save.

## Create Task Object

To create an object:

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
1. Enter the label name>> Task
2. Plural label name>> Tasks
3. Enter Record Name Label and Format
  - Record Name >> Task Name
  - Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities
3. Allow search >> Save.

## Create Volunteer Object

To create an object:

1. From the setup page >> Click on Object Manager>> Click on Create >> Click on Custom Object.
1. Enter the label name>> Volunteer
2. Plural label name>> Volunteers
3. Enter Record Name Label and Format
  - Record Name >> Volunteer Name
  - Data Type >> Text
2. Click on Allow reports and Track Field History, Allow Activities
3. Allow search >> Save.

## Create Execution Details Object

To create an object:

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
1. Enter the label name >> Execution Detail
2. Plural label name >> Execution Details
3. Enter Record Name Label and Format
  - Record Name >> Execution Detail Name
  - Data Type >> Text

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

## **Tabs**

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

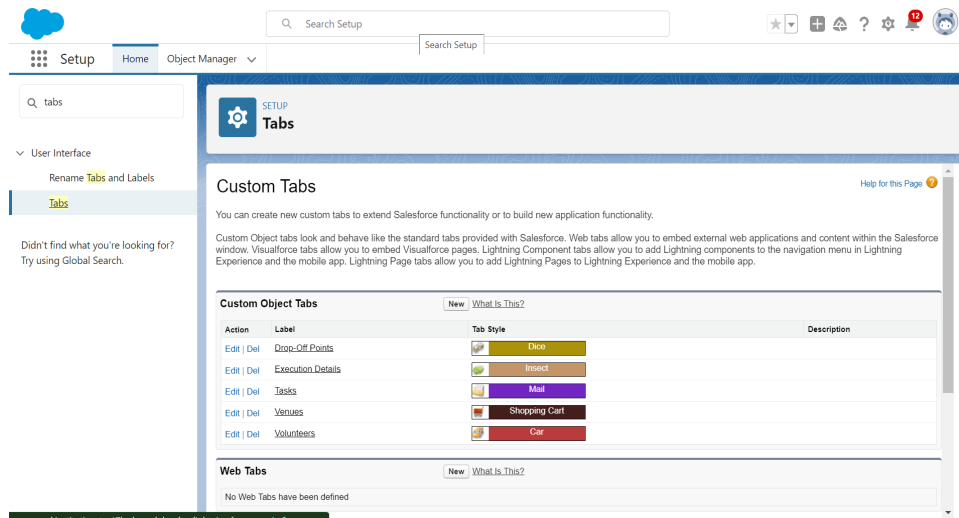
### **Creating a Custom Tab**

To create a Tab:(Venue)

1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)
1. Select Object(Venue) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab .
2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save

### **Creating Remaining Tabs**

1. Now create the Tabs for the remaining Objects, they are "Drop-Off Point, Task, Volunteer, Execution Details".
2. Follow the same steps as mentioned in Activity -1 .



# The Lightning App

## Create a Lightning App

To create a lightning app page:

1. Go to setup page >> search “app manager” in quick find >> select “app manager” >> click on New lightning App.

2. Fill the app name in app details and branding as follow

App Name : FoodConnect

Developer Name : This will auto populated

Image : optional (if you want to give any image you can otherwise not mandatory)

Primary color hex value : keep this default.



## App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

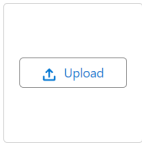
### App Details


\* App Name ⓘ  
FoodConnect

\* Developer Name ⓘ  
FoodConnect

Description ⓘ  
Enter a description...

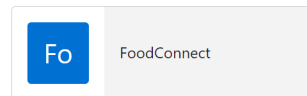
### App Branding

Image ⓘ  
  
[Upload](#)

Primary Color Hex Value ⓘ  
 #0070D2

Org Theme Options  
☐ Use the app's image and color instead of the org's custom theme

### App Launcher Preview



3. Then click Next >> (App option page)Set Navigation

Style as Standard Navigation >> Next.

## App Options

### Navigation and Form Factor ⓘ

#### \* Navigation Style

- ☒ Standard navigation  
☐ Console navigation

#### \* Supported Form Factors

- ☒ Desktop and phone  
☐ Desktop

If you don't see all the form factors in this list, it's because this app contains items that prevent selection of one or more options. For example, if an app contains pages assigned to the phone form factor, you can't switch the app to be for desktop only.

### Setup and Personalization ⓘ

#### Setup Experience

- ☒ Setup (full set of Setup options)  
☐ Service Setup

#### 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

4. (Utility Items) keep it as default >> Next.

5. To Add Navigation Items:

#### 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

Create

Type to filter list...

- Accounts
- All Sites
- Alternative Payment Methods
- Analytics
- App Launcher
- Appointment Categories
- Appointment Invitations
- Approval Requests

Selected Items

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

Search for the item in the (Home, Venue, Drop-Off Point, Task, Volunteer, Execution Details, Reports) from the search bar and move it using the arrow button >> Next >> Next.

#### 6. To Add User Profiles:

#### User Profiles

Choose the user profiles that can access this app.

Available Profiles

Type to filter list...

- Analytics Cloud Integration User
- Analytics Cloud Security User
- Authenticated Website
- Authenticated Website
- B2B Reordering Portal Buyer Profile
- Contract Manager
- Custom: Marketing Profile
- Custom: Sales Profile
- Custom: Support Profile

Selected Profiles

- System Administrator

Search profiles (System administrator) in the search bar >> click on the arrow button >> save & finish.

## Fields

### Creation of Relationship fields in objects

Creation of Lookup Relationship Field on Volunteer Object :

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in the search

bar >> click on the object.

2. Now click on “Fields & Relationships” >> New
3. Select Master Detail relationship
4. Select the related object “Drop-Off point” and click next.

The screenshot shows the 'Edit Volunteer Custom Field' window for the field 'Drop-Off point'. The window has a title bar 'Edit Volunteer Custom Field' and a subtitle 'Drop-Off point'. In the top right corner, there is a link: 'Have feedback on lookup filters? Comment on IdeaExchange'. Below the title bar is a section titled 'Custom Field Definition Edit' with buttons 'Change Field Type', 'Save', and 'Cancel'. The main area is titled 'Field Information' and contains the following fields:

- Field Label:** Drop-Off point
- Field Name:** Drop\_Off\_point
- Description:** (Empty text box)
- Help Text:** (Empty text box with an information icon)
- Data Owner:** User (dropdown menu)
- Field Usage:** --None-- (dropdown menu)
- Data Sensitivity Level:** --None-- (dropdown menu)

On the right side of the 'Field Information' section, there is a 'Data Type' dropdown menu set to 'Master-Detail'.

Creation of Master Detail Relationship Field on Execution Details Object :

8. Go to setup >> click on Object Manager >> type object name(Execution Details) in the search bar >> click on the object.
9. Now click on “Fields & Relationships” >> New
10. Select Master Detail relationship
11. Select the related object “Volunteer” and click next.
11. Field Name : Volunteer
12. Field label : Auto generated
13. Next >> Next >> Save.

Creation of Master Detail Relationship Field on Execution Details Object :

15. Go to setup >> click on Object Manager >> type object name(Execution Details) in

the search bar >> click on the object.

16. Now click on "Fields & Relationships" >> New

17. Select Master Detail relationship

18. Select the related object "Task" and click next.

19. Field Name : Task

20. Field label : Auto generated

21. Next >> Next >> Save.

Creation of Lookup Relationship Field on Drop-Off Point Object :

22. Go to setup >> click on Object Manager >> type object name(Task) in the search bar >> click on the object.

23. Now click on "Fields & Relationships" >> New

24. Select Lookup relationship

25. Select the related object "Drop-Off Point" and click next.

26. Field Name : Venue

27. Field label : Venue\_\_c

28. Next >> Next >> Save.

Creation of Lookup Relationship Field on Task Object :

29. Go to setup >> click on Object Manager >> type object name(Task) in the search bar >> click on the object.

30. Now click on "Fields & Relationships" >> New

31. Select Lookup relationship

32. Select the related object "Venue" and click next.

33. Field Name : Sponsored By

34. Field label : Auto generated

35. Next >> Next >> Save.

Creation of Lookup Relationship Field on Task Object :

36. Go to setup>> click on Object Manager >> type object name(Task) in the search bar >> click on the object.
37. Now click on "Fields & Relationships" >> New
38. Select Lookup relationship
39. Select the related object "Drop-Off point" and click next.
40. Field Name : Drop-Off point
41. Field label : Auto generated
42. Next >> Next >> Save.

## **Creation of fields for the Venue object**

1. Go to setup>> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Email" and Click on Next
4. Fill the Above as following:
  - Field Label : Contact Email
  - Field Name : Contact Email
  - Click on required check box
  - Click on Next >> Next >> Save and new.

### **To create another fields in an object:**

5. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
6. Now click on "Fields & Relationships" >> New
7. Select Data type as a "Phone" and Click on Next
8. Fill the Above as following:
  - Field Label : Contact Phone
  - Field Name : Contact Phone
  - Click on required check box
  - 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(Venue) 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:
  - Field Label : Location
  - Decimal Places : 4
  - Field Name : Location
  - Description : Enter the Geolocation of your Venue
  - Click on Next >> Next >> Save and new.

### **To create another fields in an object:**

9. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
10. Now click on "Fields & Relationships" >> New
11. Select Data type as a "Long Text Area" and Click on Next
12. Fill the Above as following:
  - Field Label : Venue Location
  - Field Name : Venue\_Location
  - Click on Next >> Next >> Save and new.

## **Creation of fields for the Drop-Off point object**

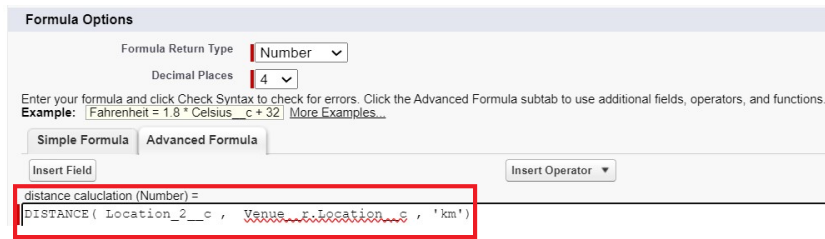
Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.

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

- Decimal Places : 4
- 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:
  - Field Label : distance calculation
  - Field Name : distance\_calculation
  - Formula Return Type : Number
  - Formula Options : DISTANCE( Location\_2\_\_c , Venue\_\_r.Location\_\_c , 'km')
  - Click on Next >> Next >> Save and new.



**Formula Options**

Formula Return Type: **Number**

Decimal Places: **4**

Enter your formula and click Check Syntax to check for errors. Click the Advanced Formula subtab to use additional fields, operators, and functions.  
**Example:** Fahrenheit = 1.8 \* Celsius\_\_c + 32 [More Examples...](#)

**Simple Formula** **Advanced Formula**

Insert Field Insert Operator ▼

distance calculation (Number) =  
 DISTANCE( Location\_2\_\_c , Venue\_\_r.Location\_\_c , 'km')

To create another fields in an object:

5. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
6. Now click on “Fields & Relationships” >> New
7. Select Data type as a “Picklist” and Click on Next

8. Fill the Above as following:

- Field Label : State
- Field Name : State
- Enter values, with each value separated by a new line :

Andhra Pradesh

Arunachal Pradesh

Assam

Bihar

Chhattisgarh

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

Karnataka

Kerala

Maharashtra

Madhya Pradesh

Manipur

Meghalaya

Mizoram

Nagaland

Odisha

Punjab

Rajasthan

Sikkim

Tamil Nadu

Tripura

Telangana

Uttar Pradesh

Uttarakhand

West Bengal

Andaman & Nicobar (UT)



Chandigarh (UT)  
Dadra & Nagar Haveli and Daman & Diu (UT)  
Delhi [National Capital Territory (NCT)]  
Jammu & Kashmir (UT)  
Ladakh (UT)  
Lakshadweep (UT)  
Puducherry (UT)

- Click on required check box
- Click on Next >> Next >> Save and new.

To create another fields in an object:

9. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
10. Now click on "Fields & Relationships" >> New
11. Select Data type as a "Number" and Click on Next
12. Fill the Above as following:
  - Field Label : Distance
  - Field Name : Distance
  - Length : 14
  - Decimal Places : 4
  - Click on required check box
  - Click on Next >> Next >> Save and new.

## **Creation of fields for the Task object**

Go to setup>> click on Object Manager >> type object name(Task) in search bar >> click on the object.

2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Auto Number" and Click on Next
4. Fill the Above as following:
  - Field Label : Task ID
  - Display Format : TASK-{0}

- Starting Number : 1
- Field Name : gets auto generated
- Click on required check box
- 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(Task) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Date” and Click on Next
4. Fill the Above as following:
  - Field Label : Date
  - Field Name : Date
  - Click on required check box
  - Click on Next >> Next >> Save and new.

To create another fields in an object:

5. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
6. Now click on “Fields & Relationships” >> New
7. Select Data type as a “Picklist (Multi-Select)” and Click on Next
8. Fill the Above as following:
  - Field Label : Food Category
  - Field Name : Food Category
  - Enter values, with each value separated by a new line :
    - Veg
    - Non-Veg
    - Salad
    - Snack
  - Click on required check box
  - Click on Next >> Next >> Save and new.

To create another fields in an object:

9. Go to setup >> click on Object Manager >> type object name(Task) in search bar

>> click on the object.

10. Now click on "Fields & Relationships" >> New

11. Select Data type as a "Number" and Click on Next

12. Fill the Above as following:

- Field Label : Number of People Served
- Field Name : Number\_of\_People\_Served
- Click on required check box
- Click on Next >> Next >> Save and new.

To create another fields in an object:

13. Go to setup >> click on Object Manager >> type object name(Task) in search bar  
>> click on the object.

14. Now click on "Fields & Relationships" >> New

15. Select Data type as a "Text" and Click on Next

16. Fill the Above as following:

- Field Label : Name of the Person
- Field Name : Name\_of\_the\_Person
- Click on Next >> Next >> Save and new.

To create another fields in an object:

17. Go to setup >> click on Object Manager >> type object name(Task) in search bar  
>> click on the object.

18. Now click on "Fields & Relationships" >> New

19. Select Data type as a "Phone" and Click on Next

20. Fill the Above as following:

- Field Label : Phone
- Field Name : Phone
- Click on Next >> Next >> Save and new.

To create another fields in an object:

21. Go to setup >> click on Object Manager >> type object name(Task) in search bar

>> click on the object.

22. Now click on "Fields & Relationships" >> New

23. Select Data type as a "Pick List" and Click on Next

24. Fill the Above as following:

- Field Label : Rating
- Field Name : Rating
- Enter values, with each value separated by a new line :  
1  
2  
3  
4  
5
- Click on Next >> Next >> Save and new.

To create another fields in an object:

25. Go to setup >> click on Object Manager >> type object name(Task) in search bar  
>> click on the object.

26. Now click on "Fields & Relationships" >> New

27. Select Data type as a "Long Text Area" and Click on Next

28. Fill the Above as following:

- Field Label : Feedback
- Field Name : Feedback
- Click on Next >> Next >> Save and new.

## **Creation of fields for the Volunteer object**

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar  
>> click on the object.

2. Now click on "Fields & Relationships" >> New

3. Select Data type as a "Auto Number" and Click on Next

4. Fill the Above as following:

- Field Label : Volunteer ID
- Field Name : gets auto generated
- Click on required check box

- Click on Next >> Next >> Save and new.
- 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(Volunteer) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Picklist” and Click on Next
4. Fill the Above as following:
  - Field Label : Gender
  - Field Name : Gender
  - Enter values, with each value separated by a new line :  
Female  
Male
- Click on Next >> Next >> Save and new.

To create another fields in an object:

5. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
6. Now click on “Fields & Relationships” >> New
7. Select Data type as a “Date” and Click on Next
8. Fill the Above as following:
  - Field Label : Available On
  - Field Name : Available On
  - Click on required check box
- Click on Next >> Next >> Save and new.

To create another fields in an object:

9. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

10. Now click on "Fields & Relationships" >> New

11. Select Data type as a "Number" and Click on Next

12. Fill the Above as following:

- Field Label : Age
- Field Name : Age
- Click on required check box
- Click on Next >> Next>> Save and new.

To create another fields in an object:

13. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

14. Now click on "Fields & Relationships" >> New

15. Select Data type as a "Email" and Click on Next

16. Fill the Above as following:

- Field Label : Email
- Field Name : Email
- Click on required check box
- Click on Next>> Next >> Save and new.

To create another fields in an object:

17. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

18. Now click on "Fields & Relationships" >> New

19. Select Data type as a "Number" and Click on Next

20. Fill the Above as following:

- Field Label : Contact Number
- Field Name : Contact\_Number
- Click on required check box
- Click on Next >> Next >> Save and new.

To create another fields in an object:

21. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

22. Now click on "Fields & Relationships" >> New

23. Select Data type as a "Text Area (Long)" and Click on Next

24. Fill the Above as following:

- Field Label : Address
- Field Name : Address
- Click on Next >> Next >> Save and new.

To create another fields in an object:

25. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

26. Now click on "Fields & Relationships" >> New

27. Select Data type as a "Date" and Click on Next

28. Fill the Above as following:

- Field Label : Date of Birth
- Field Name : Date\_of\_Birth
- Click on Next >> Next >> Save and new.

## **Creation of fields for the Execution Details object**

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

2. Now click on "Fields & Relationships" >> New

3. Select Data type as a "Auto Number" and Click on Next

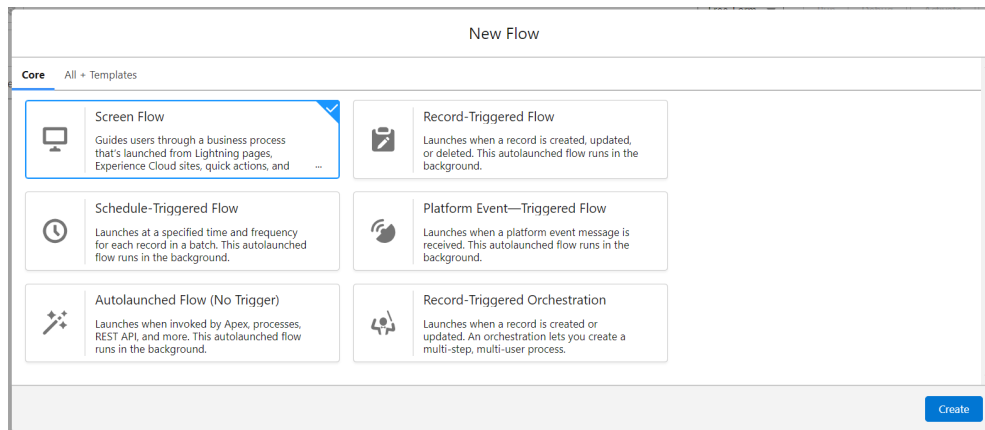
4. Fill the Above as following:

- Field Label : Execution ID
- Field Name : gets auto generated
- Click on required check box
- 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.



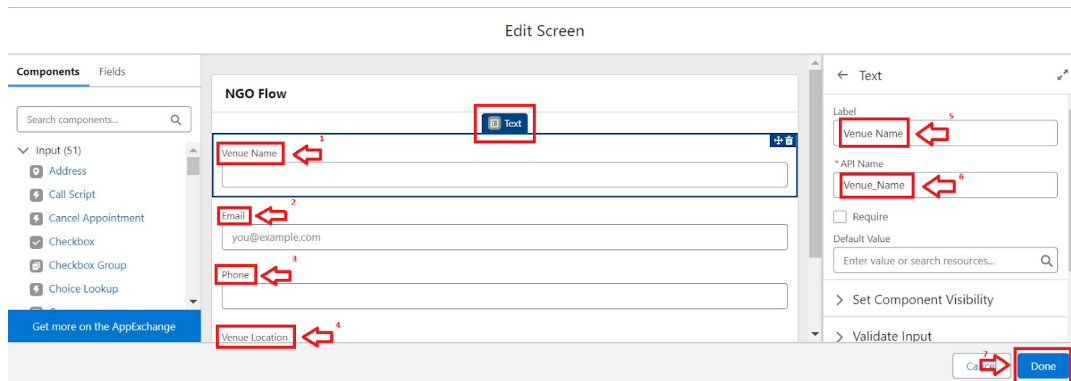
3. Click on the '+' icon in between start and end, and click on screen element.
4. Under the Screen Properties:  
Label : Venue Details  
API Name : Venue\_Details
5. Now lets add components in this flow. Click on Text Component and name it as:  
Label : Venue Name  
API Name : Venue\_Name
6. Click on Email Component and name it as:  
Label : Email  
API Name : Contact\_Email
7. Click on Phone Component and name it as:  
Label : Phone  
API Name : Contact\_Phone
8. Click on Text Component and name it as:  
Label : Venue Location  
API Name : Venue\_Location
9. Click on Number Component and name it as:  
Label : Latitude  
API Name : Latitude
10. Click on Number Component and name it as:



Label : longitude

API Name : longitude

11. Next click on Done. This would look like below



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

13. 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}

14. This would look like:

Create a Record of This Object

\* Object  
Venue

---

Set Field Values for the Venue

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

15. Click on Save as:

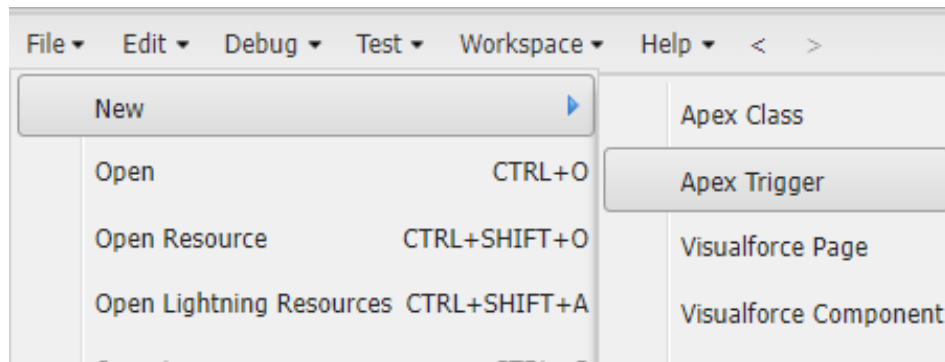
Flow Label : Venue Form

Flow API Name : Venue\_Form

## Trigger

### Create a Trigger

1. Log into the trailhead account, navigate to the gear icon in the top right corner.
2. Click on developer console and you will be navigated to a new console window.
3. Click on the File menu in the toolbar, and click on new >> Trigger.
4. Enter the trigger name and the object to be triggered.



5. Enter Name : DropOffTrigger  
sObject: Drop-Off Point
6. Click on Submit.

## Trigger Code

(This Trigger is to assign Distance field to the Distance Calculation field. So that we can assign the distance in the sharing rules.)

### 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;
    }
}
```

## Profiles

1. Go to setup page >> type Profiles in Quick Find bar >> click on Profiles >> click on 'S'
2. Click on Clone beside Standard Platform User.
3. Under Clone Profile:  
Profile Name : NGOs Profile
4. Then click on Save

# Creation of Users

In our Project we consider them as NGO's

## Creation of User1

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 : Neha Foundation

Last Name : Neha\_Foundation

Alias : nneha

Email : Give Your Email

Username : bheemreddynehareddy2003@gmail;.com (give the username different)

Nickname : Auto Populated

User License : Salesforce Platform

Profile : NGOs Profile

Active : Check

The screenshot shows the Salesforce 'User Edit' interface. At the top, there's a 'SETUP Users' header. Below it, the user's name 'Neha Foundation Neha\_Foundation' is displayed. The main section is titled 'User Edit' and contains a 'General Information' tab. The form fields are organized into two columns. The left column includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The right column includes fields for Role, User License, Profile, Active (checkbox), and a list of user types: Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, and Site.com Publisher User. The 'Active' checkbox is checked. The 'Role' is set to '<None Specified>'. The 'User License' is set to 'Salesforce Platform'. The 'Profile' is set to 'NGOs Profile'. The 'Email' field contains 'bheemreddynehareddy2003@'. The 'Username' field contains 'bheemreddynehareddy2003@'. The 'Nickname' field contains 'User172823877209098103'. The 'First Name' field contains 'Neha Foundation'. The 'Last Name' field contains 'Neha\_Foundation'. The 'Alias' field contains 'nneha'. The 'Title', 'Company', 'Department', and 'Division' fields are empty. The 'Marketing User', 'Offline User', 'Knowledge User', 'Flow User', 'Service Cloud User', 'Site.com Contributor User', and 'Site.com Publisher User' checkboxes are all unchecked.

General Information	
First Name	Neha Foundation
Last Name	Neha_Foundation
Alias	nneha
Email	bheemreddynehareddy2003@
Username	bheemreddynehareddy2003@
Nickname	User172823877209098103
Title	
Company	
Department	
Division	
Role	<None Specified>
User License	Salesforce Platform
Profile	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"/>
Site.com Publisher User	<input type="checkbox"/>

3. Click on Save

## Creation of User2, User3

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.

<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">latha, latha</a>	<a href="#">llath</a>	<a href="#">latha@sb.com</a>
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Neha Reddy, BheemReddy</a>	<a href="#">BNeha</a>	<a href="#">bnr@guru.com</a>
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Neha_Foundation, Neha Foundation</a>	<a href="#">nneha</a>	<a href="#">bheemreddynehareddy2003@gmail.com</a>
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">raju, raju</a>	<a href="#">rraju</a>	<a href="#">raju@sb.com</a>

## Public Groups

### Creation of Public Group 1

1. Go to setup page >> type Public Groups in Quick Find bar >> click on Public Groups >> click on New.
2. Under Group Information:  
Label : Neha  
Group Name : Neha  
Grant Access Using Hierarchies : Check
3. In Search, Select Users.
4. In Selected Members Add Neha Foundation and System Administrator

### Creation of Public Group 2

1. By Following Steps in Activity 1, Create other two Public Groups for other two users.
2. After Saving this would look like this.

<a href="#">New</a>				
Action	Label ↑	Group Name	Created By	Created Date
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">latha</a>	<a href="#">latha</a>	<a href="#">Neha Reddy, BheemReddy</a>	06/10/2024, 11:55 pm
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Neha</a>	<a href="#">Neha</a>	<a href="#">Neha Reddy, BheemReddy</a>	06/10/2024, 11:54 pm
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">raju</a>	<a href="#">raju</a>	<a href="#">Neha Reddy, BheemReddy</a>	06/10/2024, 11:56 pm

# Report Types

## Creation of Report Types

1. Go to setup page >> type Report Types in Quick Find bar >> click on Report Types >> click on Continue >> Click on New Custom Report Type.
2. In Define the Custom Report Type:  
Primary Object : Select Venues  
Report Type Label : Venue with DropOff with Volunteer  
Report Type Name : Venue\_with\_DropOff\_with\_Volunteer  
Description : Venue with DropOff with Volunteer  
Store in Category : Select Other Reports  
Deployment Status : Deployed
3. Click on Next
4. Near Click to relate another Object Select Drop-Off Points.
5. And also select "A" records may or may not have related "B" records.
6. Now again Near Click to relate another Object Select Volunteers.
7. Now click on Save.

# Reports

## Creation of Report on Venue with DropOff with Volunteer

1. Go to the app(FoodConnect) >> click on the reports tab
2. Click on New Folder.  
Folder Label : Custom Reports  
Folder Unique Name : CustomReports
3. Open Custom Reports and click on New Report
4. Select Report Type : Venue with DropOff with Volunteer
5. Then click on Start Report.
6. In GROUP ROWS : Add Volunteer Name
7. In Columns : Add Venue Name, Drop-Off point Name, Distance.

Outline

Filters2

Groups

GROUP ROWS

Add group...

Volunteer Name

GROUP COLUMNS

Add group...

Columns

Add column...

Venue Name

Drop-Off point Name

# Distance

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

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

8. Now click on Save & Run.
9. Give Label as :
10. Report Name : venue and Drop Off point
11. Report Unique Name : Auto Populated
12. Click on Select Folder and select Custom Report, then click on Save.

## Creation of Report on Volunteers with Execution Details and Tasks

1. Go to the app(FoodConnect) >> click on the reports tab
2. Click on Custom Reports Folder and click on New Report
3. Select Report Type : Volunteers with Execution Details and Tasks.
4. Then click on Start Report.
5. In GROUP ROWS : Volunteer ID
6. In Columns : Add Volunteer : Volunteer Name, Task : Task Name, Execution Detail : Execution Detail Name, Volunteer: Owner Name, Task: Date, Task : Rating.

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

7. Now click on Save & Run.

8. Give Label as :

Report Name : Volunteer Task

Report Unique Name : Auto Populated

1. 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

3. Open Custom Dashboards and click on New Dashboards

4. Name : Organization Details

5. Click on Widget and select Chart or Table

6. In Select Report : Select venue and Drop Off point Report.

7. Then click on select

8. In Add Component:

Display As : Select Lightning Table

Component Theme : Select Dark (Optional)



Report

venue and Drop Off point

☐ Use chart settings from report

Display As

123

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	6.9030k
Paradise Garden Function Hall	Suraram Village	28.2332
Ujwala Grand	-	-

View Report (venue and Drop Off point)

1. Now click on save.

## Adding Volunteer Task Report to the Dashboard

1. Click on Widget and select Chart or Table
2. In Select Report : Select Volunteer Task Report.
3. Then click on select
4. In Add Component:

Display As : Select Line Chart

Component Theme : Select Dark (Optional)

Report

Volunteer Task

☐ Use chart settings from report

Display As

123

X-Axis

Volunteer ID

Y-Axis

Preview

Volunteer Task

View Report (Volunteer Task)

1. Now click on save.

## Adding a Picture to the Dashboard (Optional)

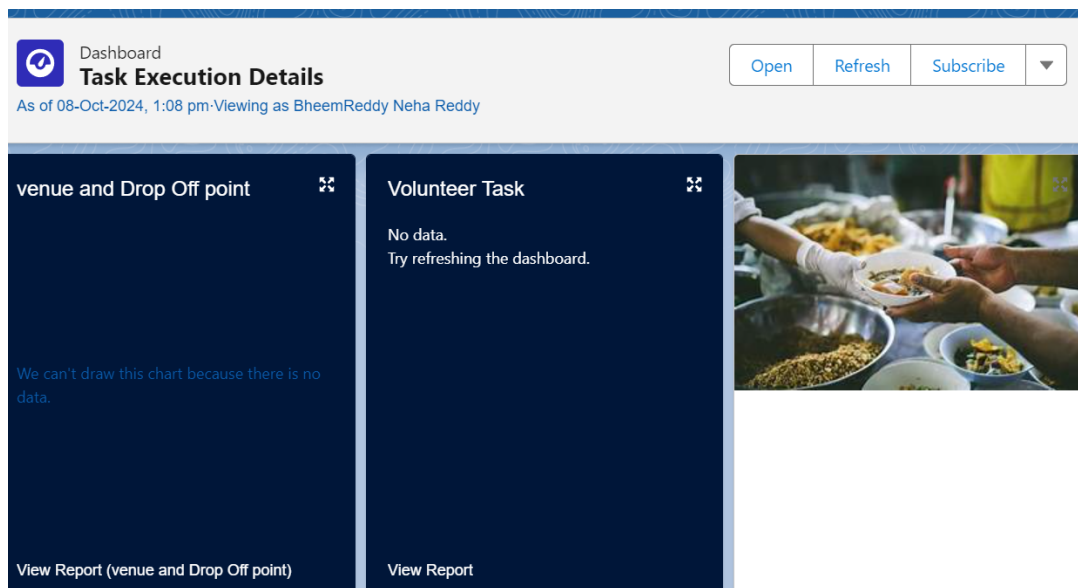
(Note : To upload an image into the Dashboard, we have to first download an image from google or other sources into your system)

1. Click on Widget and select Image. Then click on Browse Files.
2. Then Select the Picture you want to upload in this Dashboard.
3. Then click on Save As :

Name : Task Execution Details

Click on Select Folder and select Custom Dashboards

4. Click on Select Folder and then Save.



## Sharing Rules

### Creation of 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

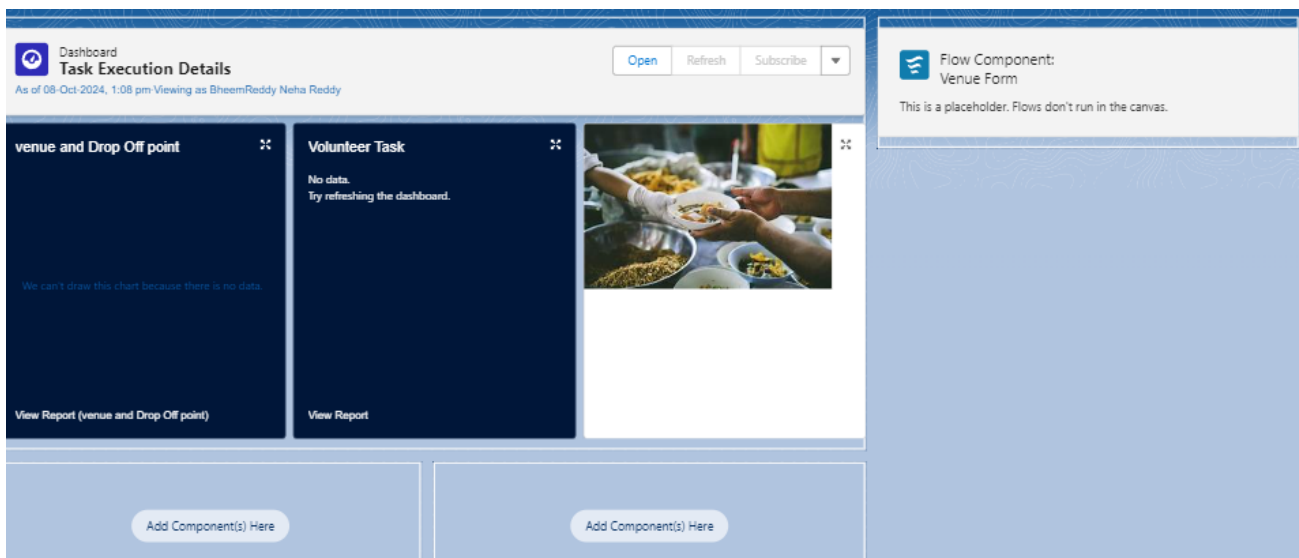
4. Select your rule type : Select Based on criteria.
5. Select which records to be shared:  
Field : Operator : Value = Distance : less than : 15
6. Select the users to share with : Near Share With  
Public Groups : Neha
7. Click on Save.
8. Click on new near Drop-Off point Sharing Rules and Name it as:  
Label : Rule 2  
Rule Name : Rule\_2
9. Select your rule type : Select Based on criteria.
10. Select which records to be shared:  
Field : Operator : Value = Distance : greater than : 15  
Field : Operator : Value = Distance : less or equal : 30
11. Select the users to share with : Near Share With  
Public Groups : latha
12. Click on Save.
13. Click on new near Drop-Off point Sharing Rules and Name it as:  
Label : Rule 3  
Rule Name : Rule\_3
14. Select your rule type : Select Based on criteria.
15. Select which records to be shared:  
Field : Operator : Value = Distance : greater than : 30  
Field : Operator : Value = Distance : less or equal : 50
16. Select the users to share with : Near Share With  
Public Groups : raju
17. Click on Save.

Drop-Off Point Sharing Rules				Drop-Off Point Sharing Rules Help ?	
		New Recalculate			
Action	Criteria	Shared With	Access Level		
<a href="#">Edit</a>   <a href="#">Del</a>	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)	<a href="#">Group: latha</a>	Read Only		
<a href="#">Edit</a>   <a href="#">Del</a>	Drop-Off Point: Distance LESS THAN 15	<a href="#">Group: Neha</a>	Read Only		
<a href="#">Edit</a>   <a href="#">Del</a>	(Drop-Off Point: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)	<a href="#">Group: raju</a>	Read Only		

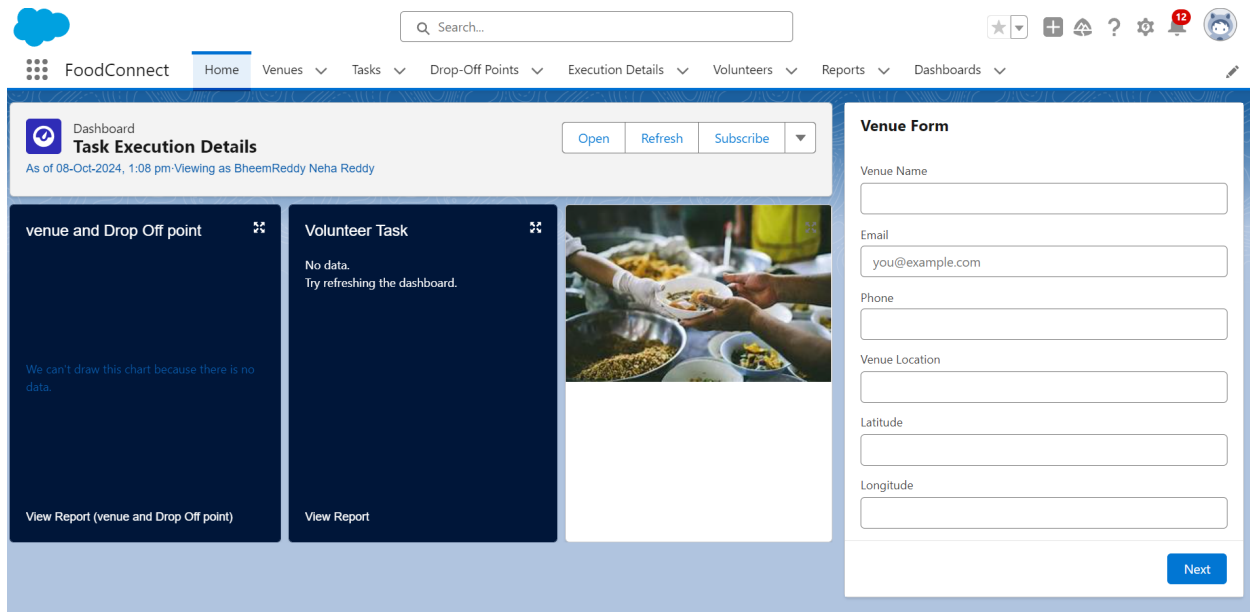
## Home Page

### Creation of Home Page

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
6. Near Components search for Dashboard, then Drag and Drop it in first Section.



7. Click on Save and Activation, then click on App Default, then Add Assignments.
8. Add FoodConnect App and then Save.
9. FoodConnect Home Page would Look Like this.



## 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.