SHIVANI ENGINEERING COLLEGE

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Project title

TO SUPPLY LEFTOVER FOOD TO POOR

TEAM MEMBERS

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Guided by
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Platform: Salesforce Developer

Data of submission: 01/11/2025

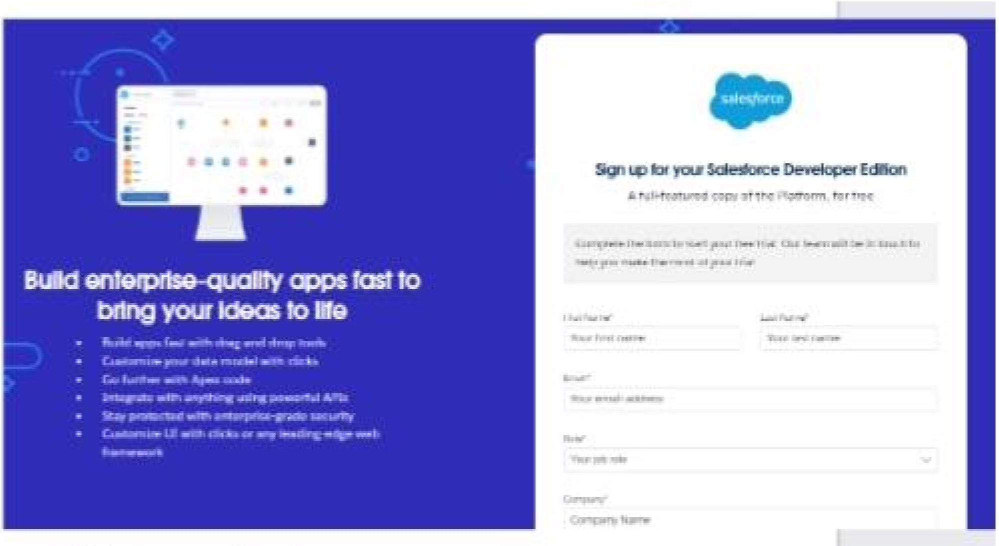
Project Description

This project aims to collect surplus or leftover food from restaurants, hotels, events, and households and distribute it to underprivileged communities. By creating an efficient food collection and delivery network, the project helps reduce food waste while addressing hunger. Through collaboration with volunteers and local NGOs, the initiative ensures safe, timely, and hygienic food distribution to those in need, promoting social responsibility and sustainability.

Creating Developer Account

1.Creating a developer org in salesforce.
Go to https://developer.salesforce.com/signup

2.On the sign up form, enter the following details :



1. First name & Last name
2. Email
3. Role : Developer
4. Company : College or CompanyName
5. county : India
6. Postal Code : pin code

Username : should be a combination of your name and company

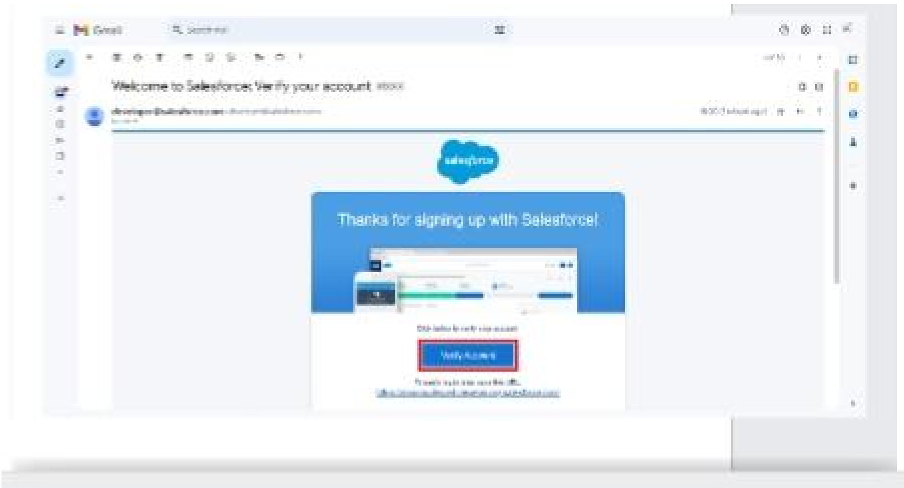
This need not be an actual email id, you can give anything in the format :

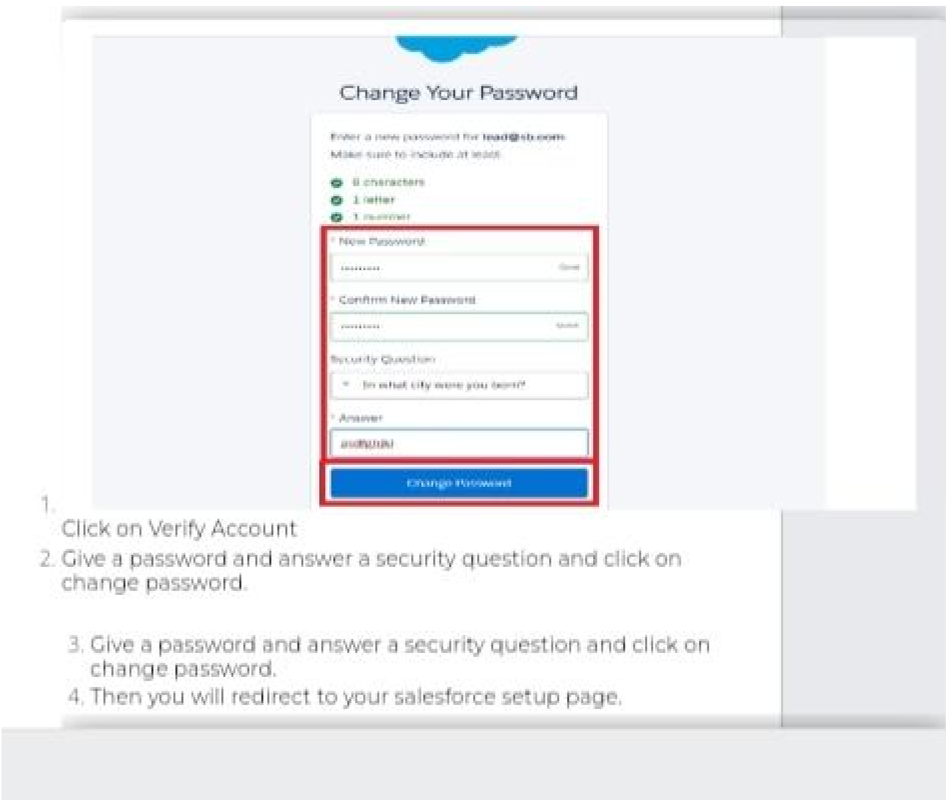
username@organization.com

Click on sign me up after filling these.

Account Activation

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.





Click on Verify Account

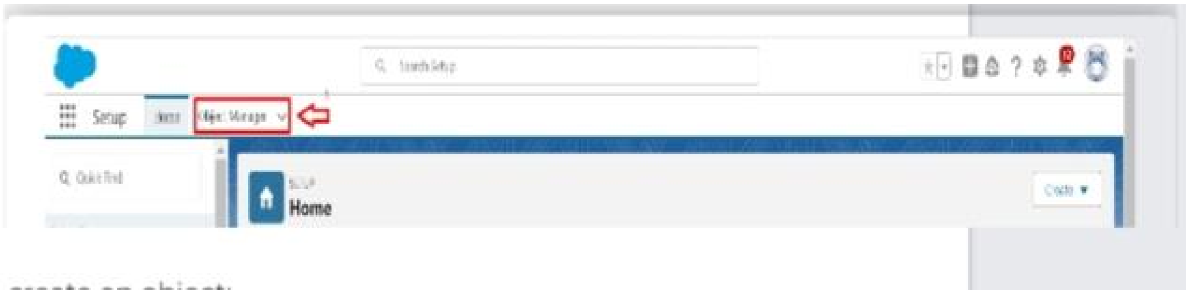
Give a password and answer a security question and click on change password.

Give a password and answer a security question and click on change password.

Then you will redirect to your salesforce setup page.

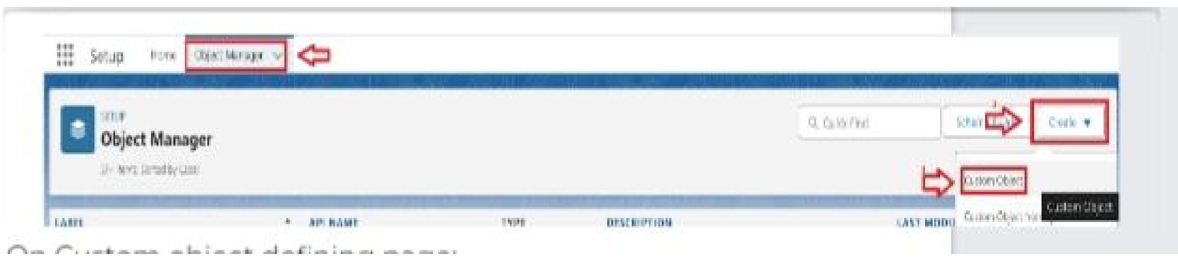
Object

To Navigate to Setup page:



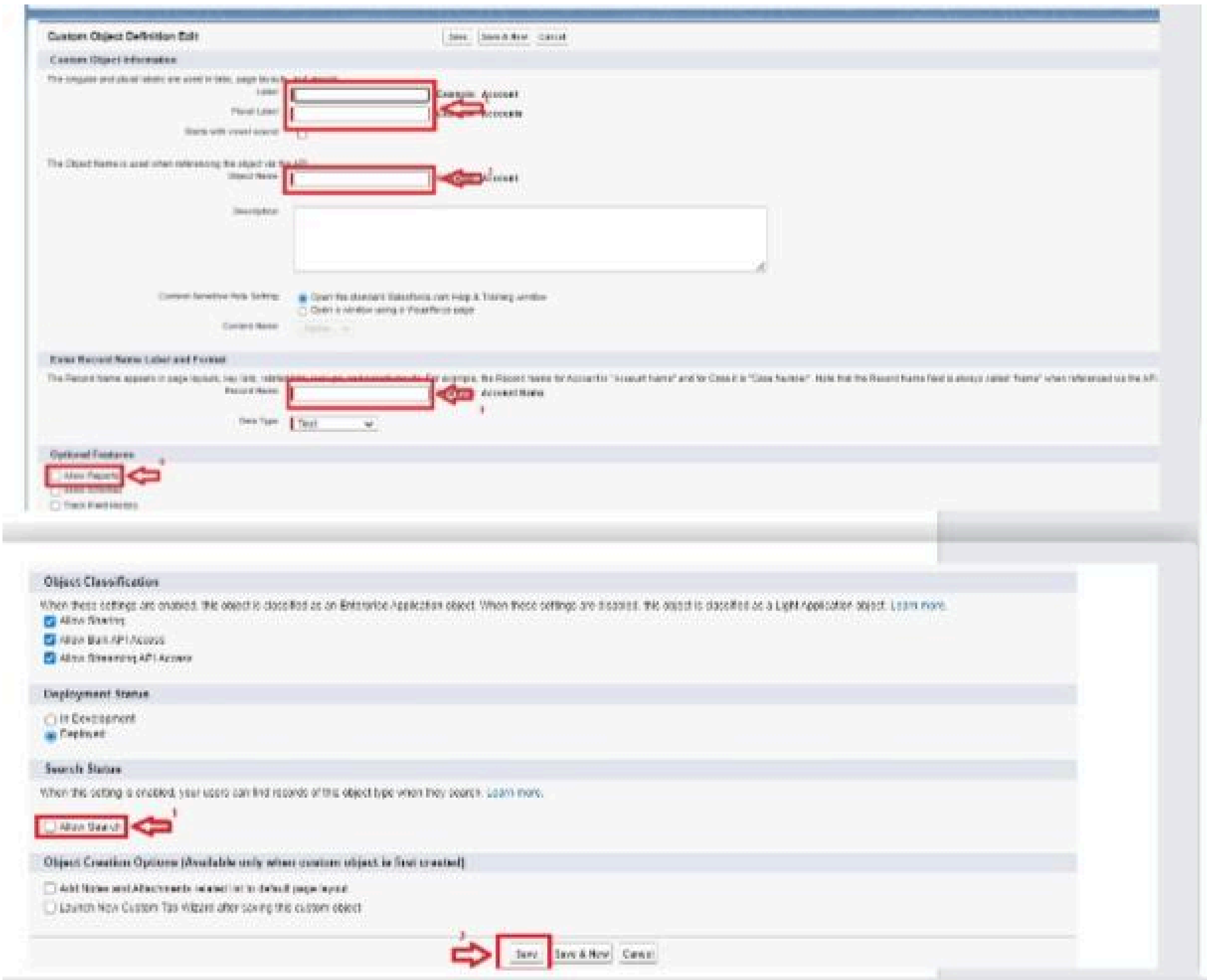
To create an object:

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



On Custom object defining page:

Enter the label name, plural label name, click on Allow reports, Allow search.



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

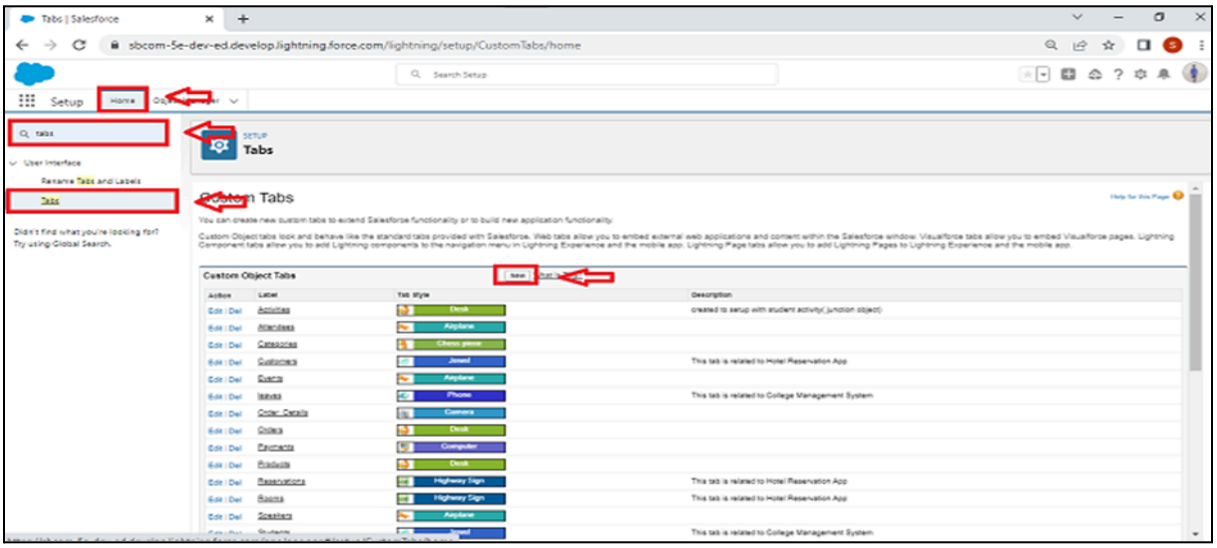
- Record Name >> Execution Detail Name
- Data Type >> Text

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

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

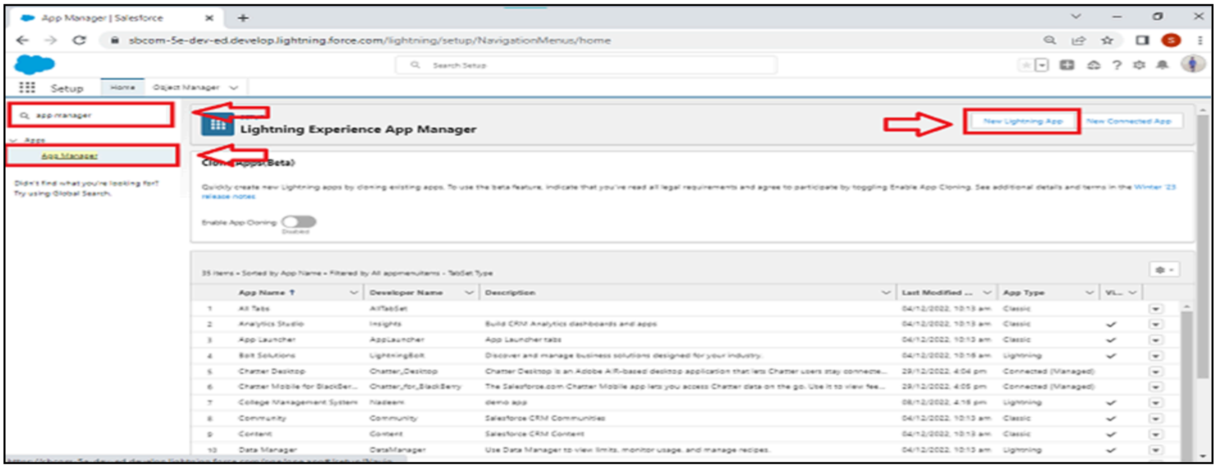
Creating Remaining Tabs

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 .

Create a Lightning App

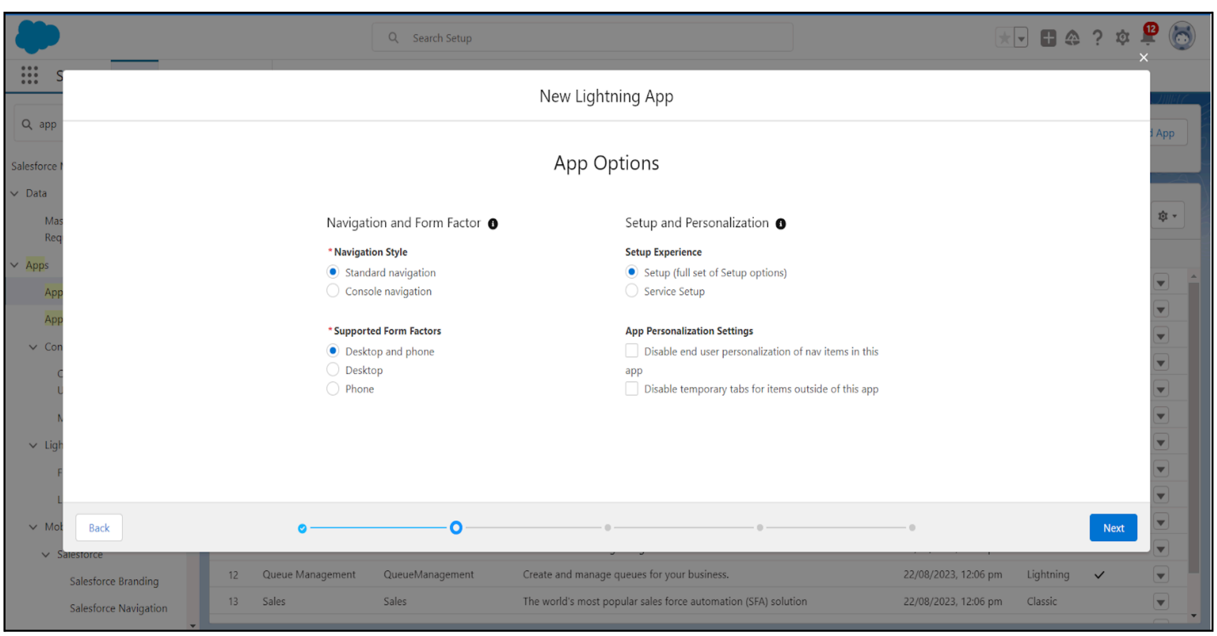
To create a lightning app page:

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

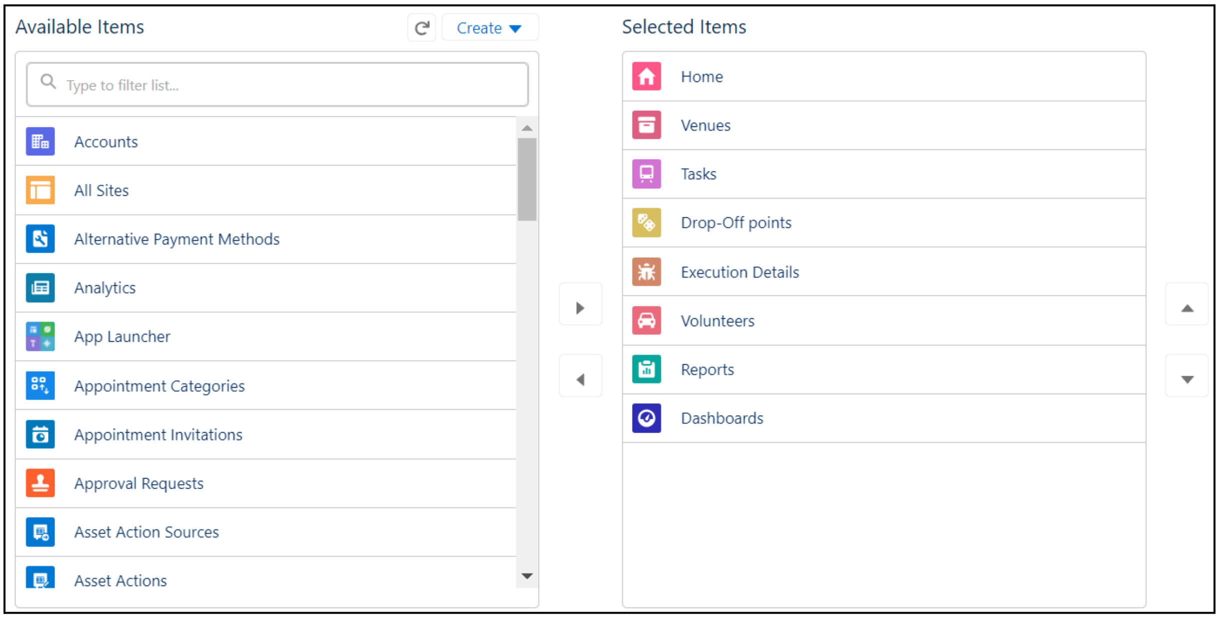


2. Fill the app name in app details and branding as follow
App Name : FoodConnect
Developer Name : This will auto populated
Image : optional (if you want to give any image you can otherwise not mandatory) Primary color hex value : keep this default.

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

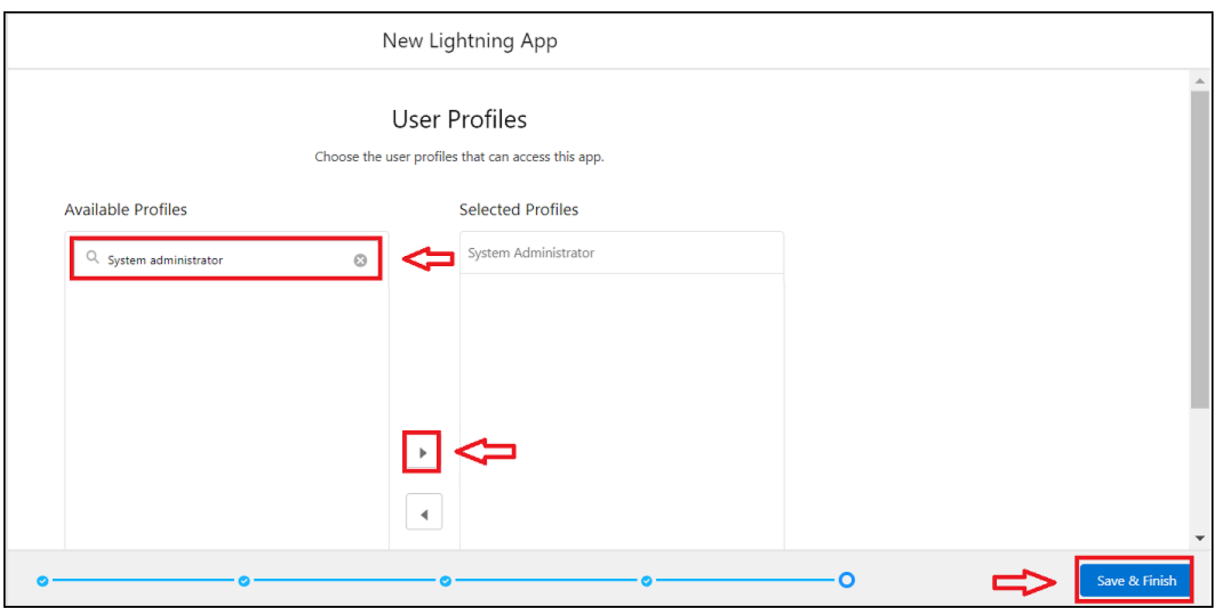


4. (Utility Items) keep it as default >> Next.
5. To Add Navigation Items:



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:

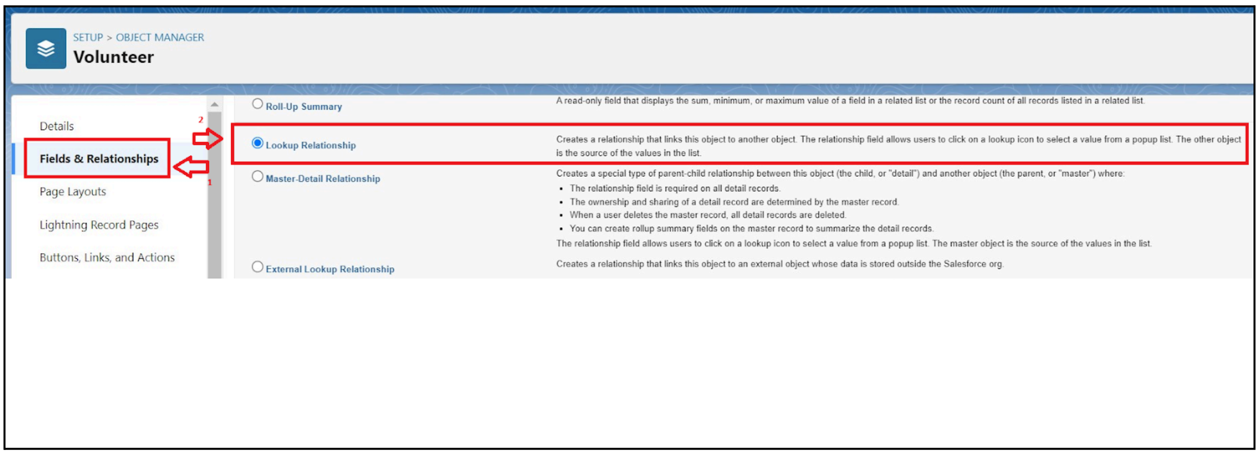


Search profiles (System administrator) in the search bar >> click on the arrow button >> save & finish.

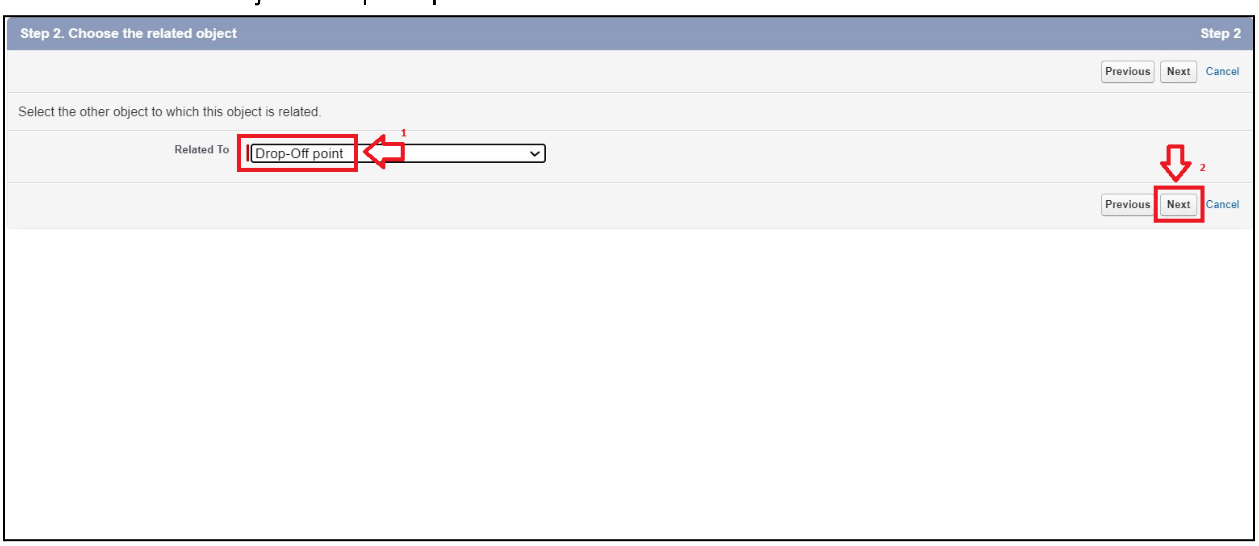
Creation of Relationship fields in objects

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.



5. Field Name : Drop_Off_point
6. Field label : Auto generated
7. Next >> Next >> Save.

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.
12. Field Name : Volunteer
13. Field label : Auto generated
14. 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(Drop-Off Point) in the search bar >> click on the object.
23. Now click on “Fields & Relationships” >> New
24. Select Lookup relationship
25. Select the related object “Venue” 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.

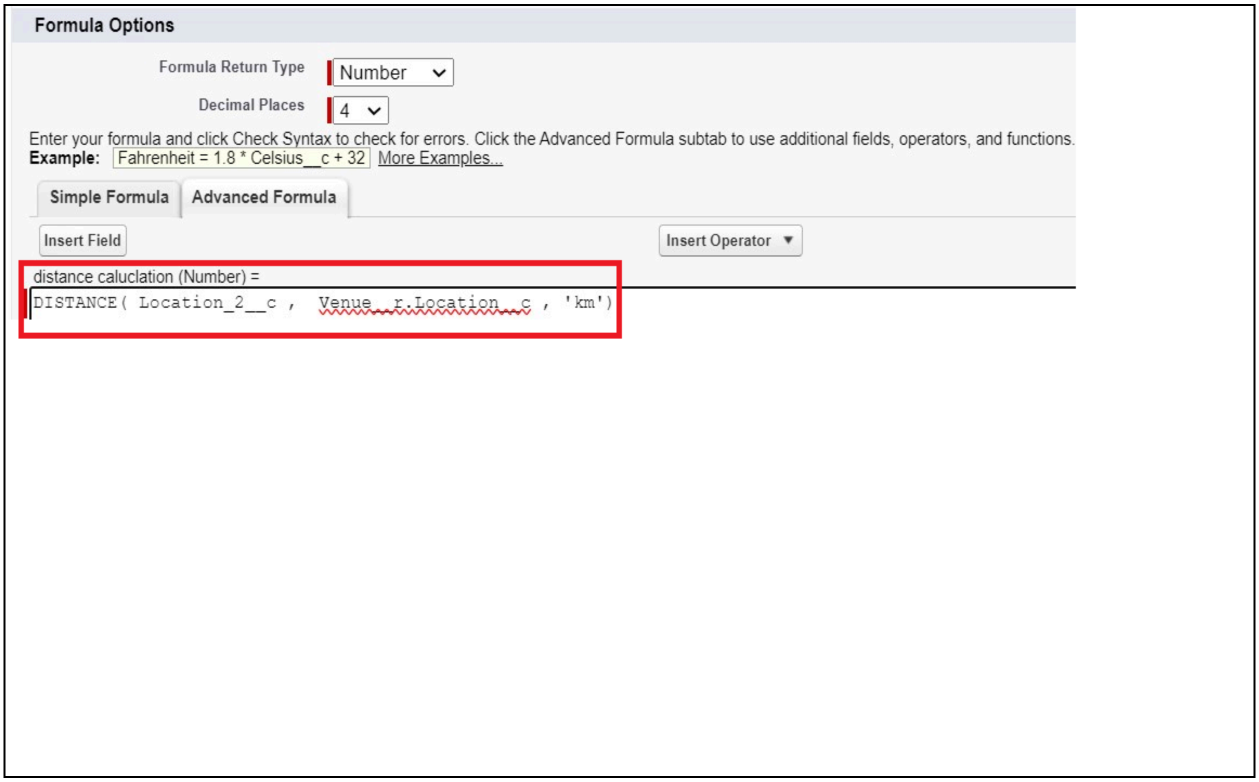
Creation of fields for the Drop-Off point object

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.



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 :
    - 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.

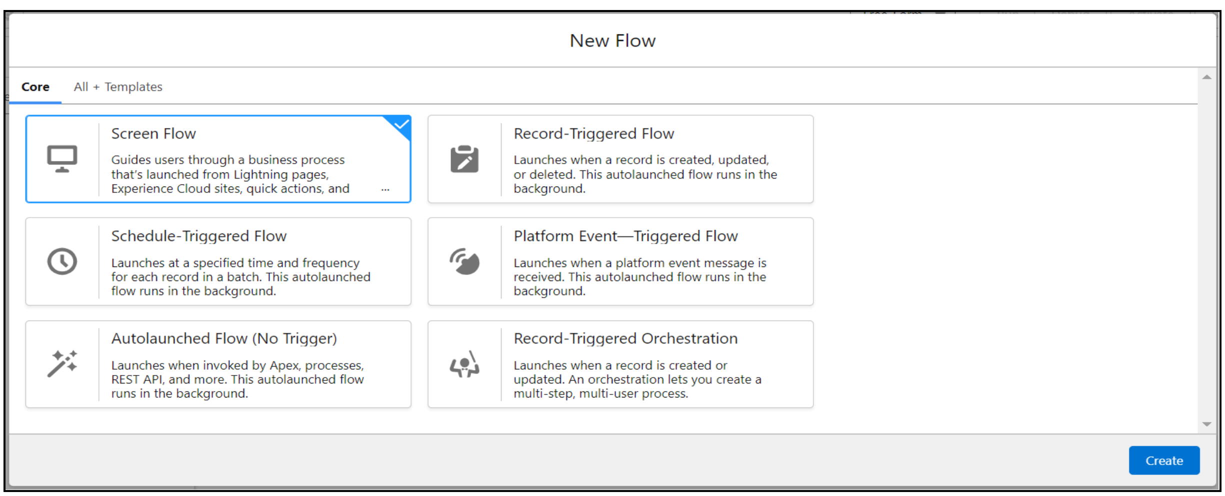
Creation of fields for the Execution Details object

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.

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

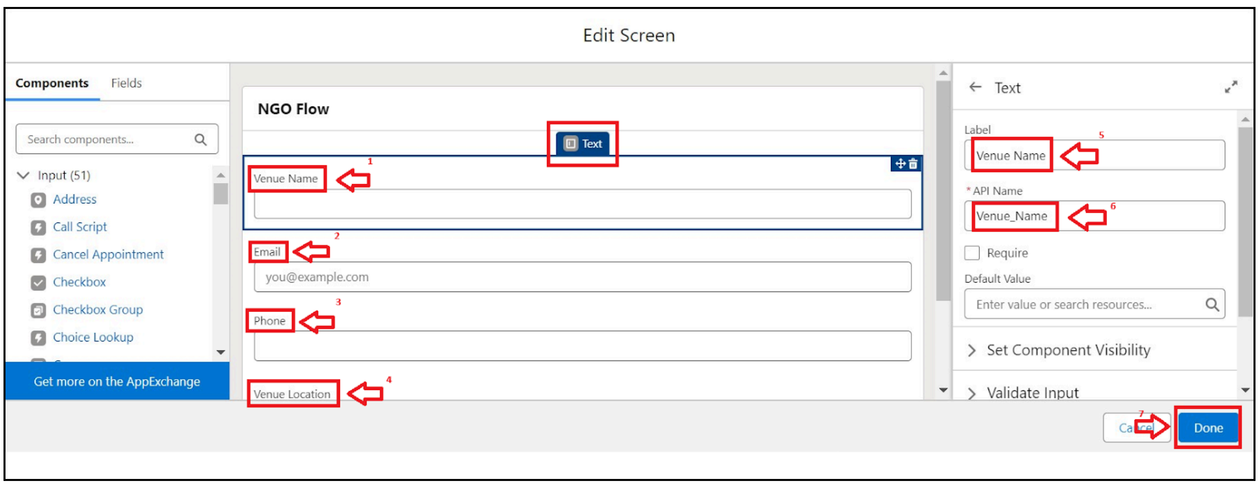
API Name : Latitude

10. Click on Number Component and name it as:

Label : longitude

API Name : longitude

11. Next click on Done. This would 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}

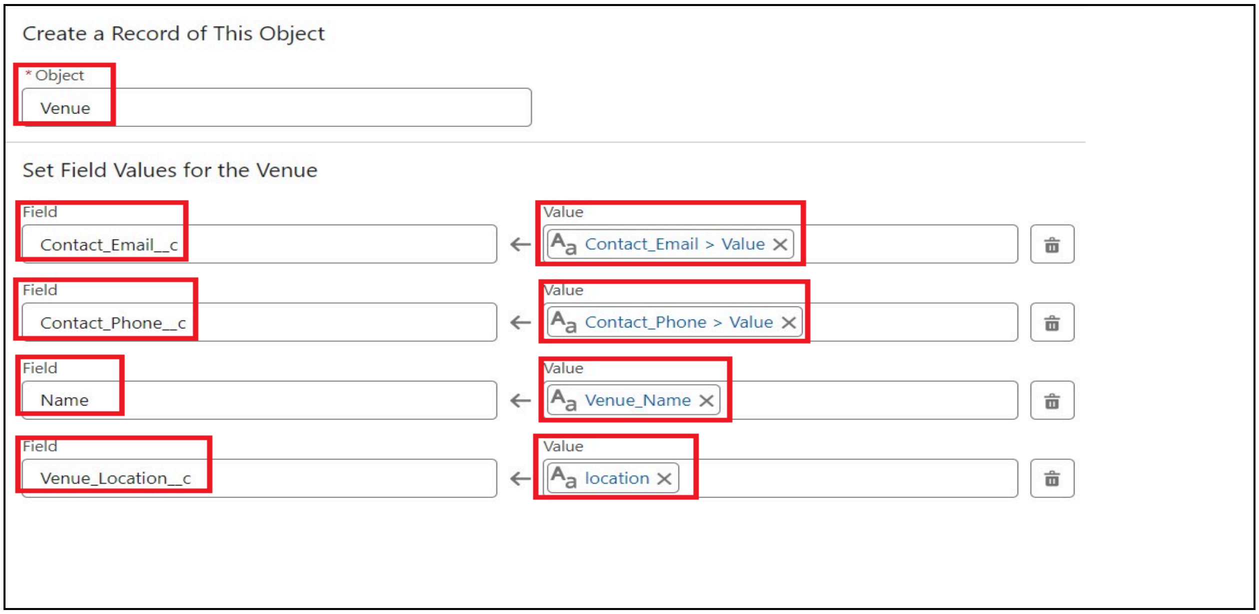
Field : Value = Name : {!Venue_Name}

Field : Value = Venue_Location__c : {!location}

Field : Value = Location__Latitude__s : {!latitude}

Field : Value = Location__Longitude__s : {!longitude}

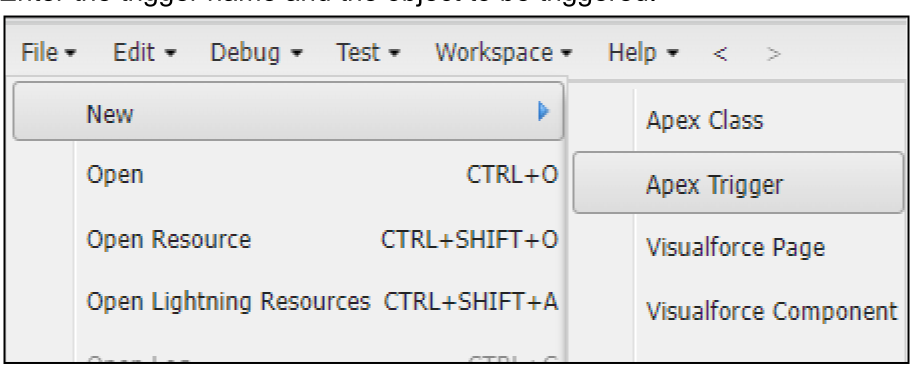
14. This would look like:

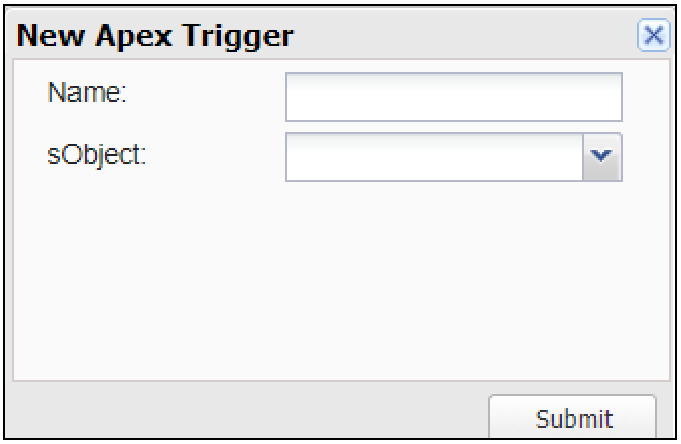


15. Click on Save as:
    Flow Label : Venue Form
    Flow API Name : Venue_Form

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
Go to setup page >> type Profiles in Quick Find bar >> click on Profiles >> click on ‘S’

Click on Clone beside Standard Platform User.

Under Clone Profile:

Profile Name : NGOs Profile

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 : 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

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.

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

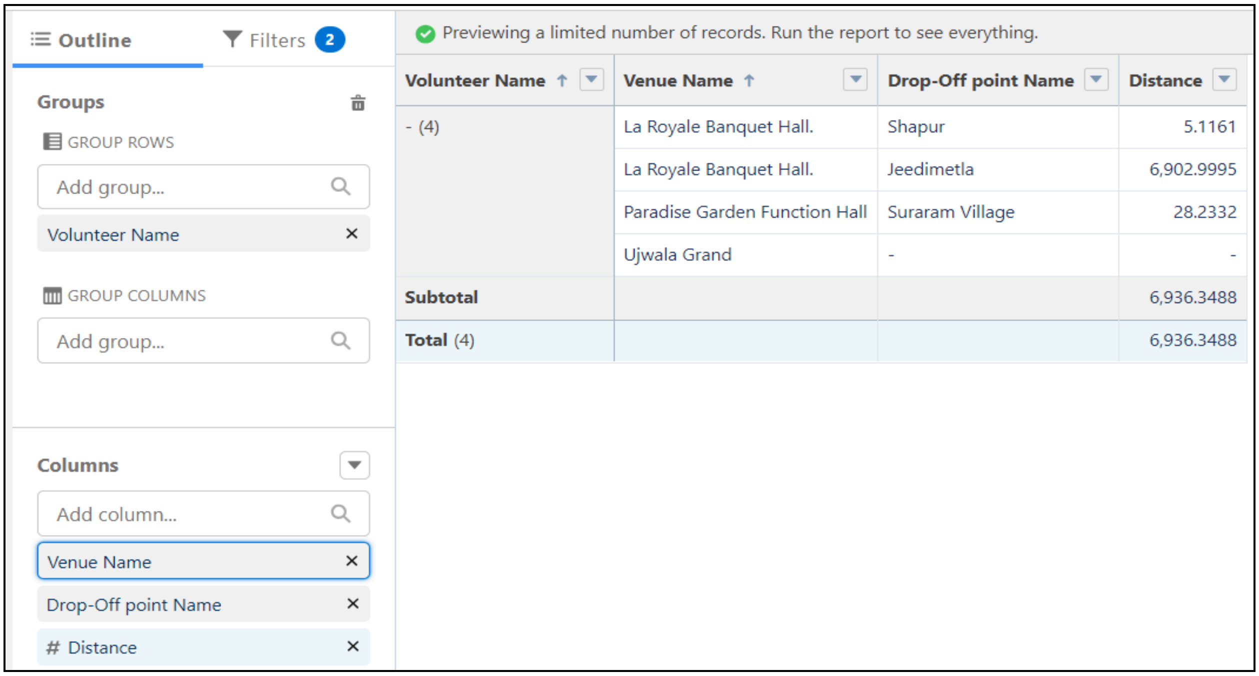
   Deployment Status : Deployed
3. Click on Next
4. Near Click to relate another Object Select Drop-Off Points.
5. And also select "A" records may or may not have related "B" records.
6. Now again Near Click to relate another Object Select Volunteers.
7. Now click on Save.

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.



Now click on Save & Run.

Give Label as :

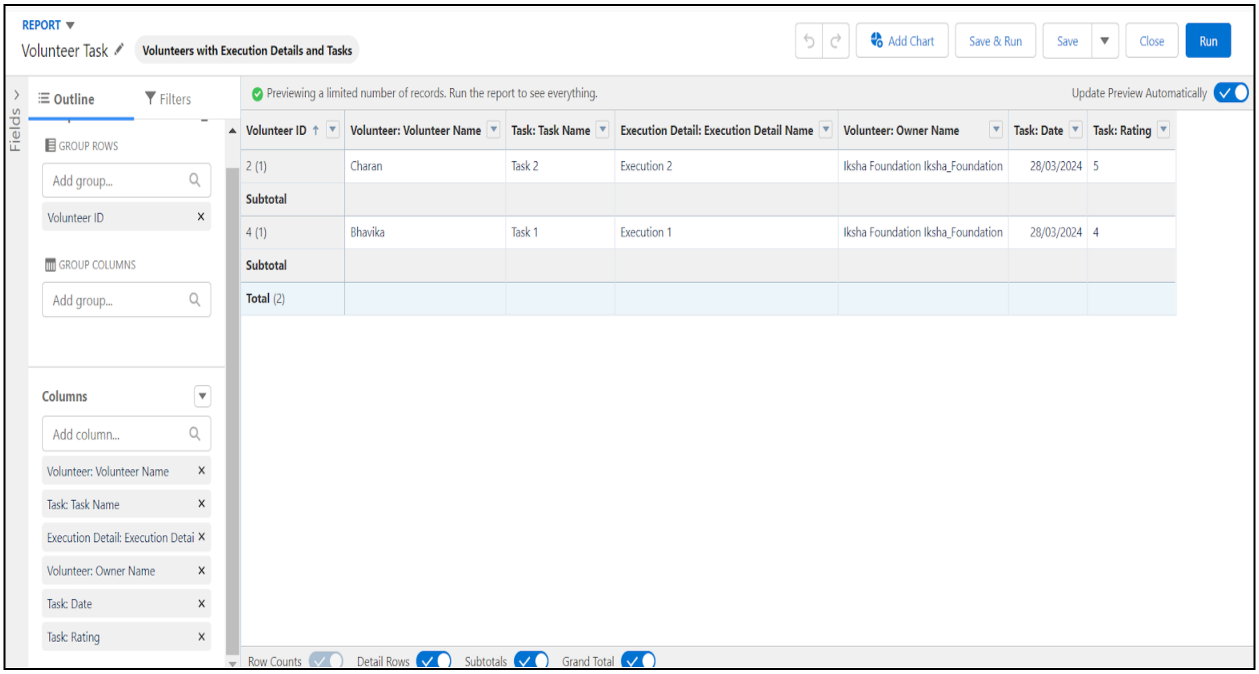
Report Name : venue and Drop Off point

Report Unique Name : Auto Populated

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.



7. Now click on Save & Run.
8. Give Label as :

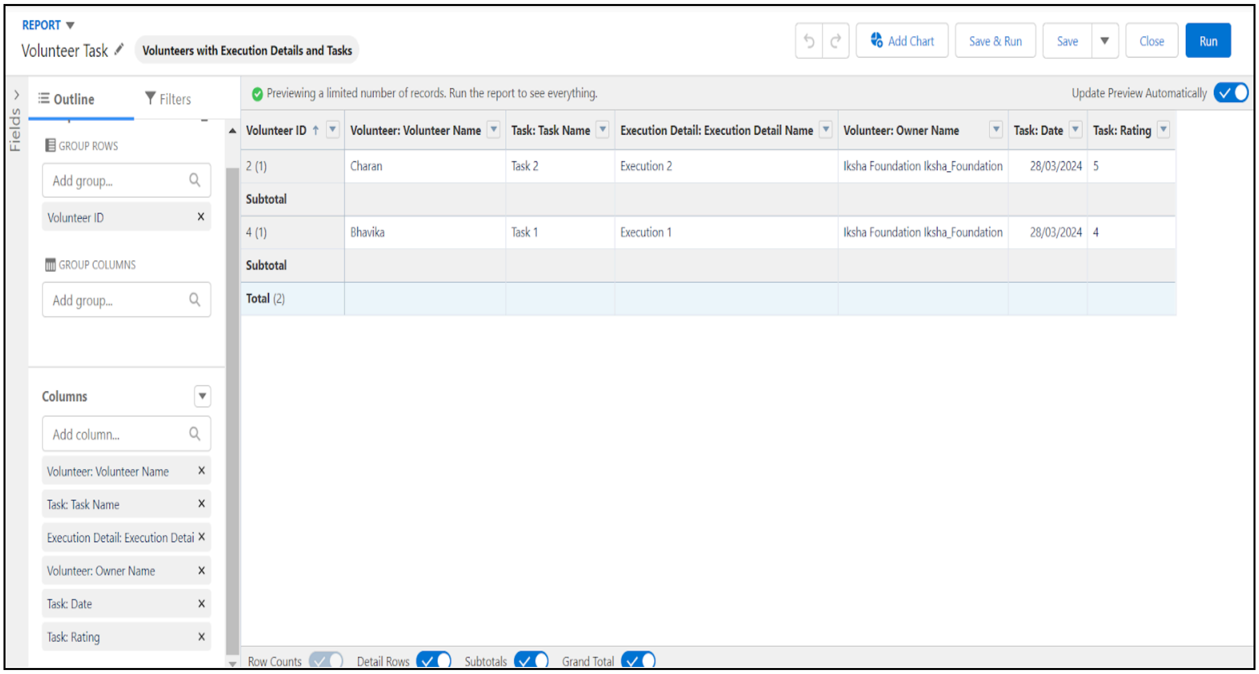
   Report Name : Volunteer Task

   Report Unique Name : Auto Populated

1. Click on Select Folder and select Custom Report, then click on Save.

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.



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.

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.

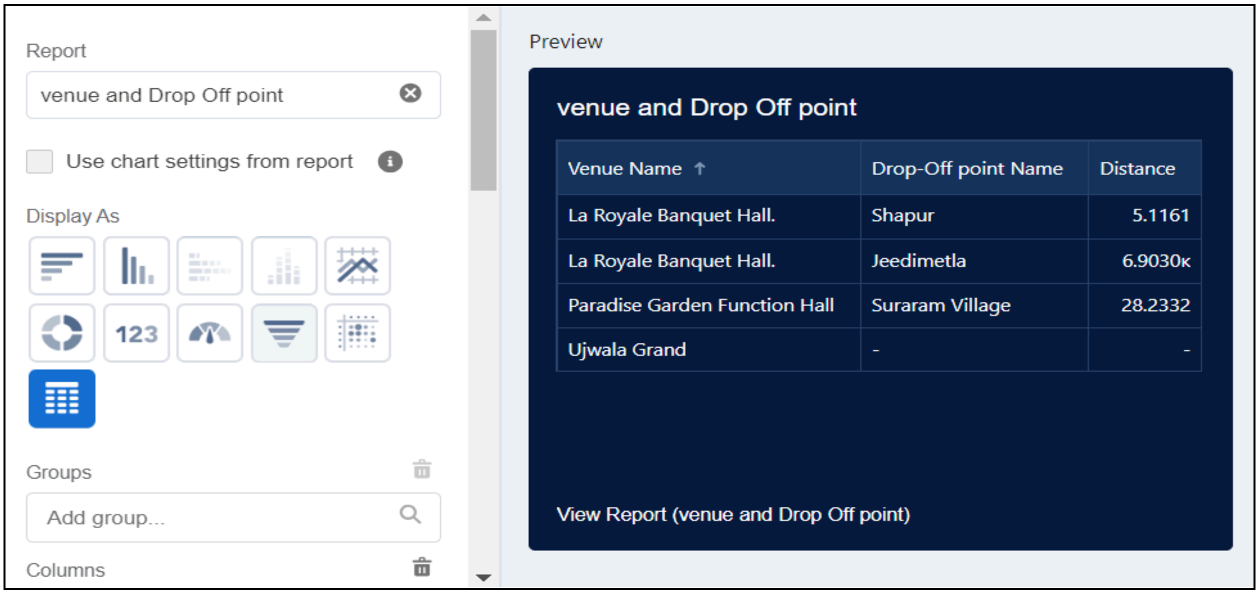
    Folder Label : Custom Dashboards

    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)



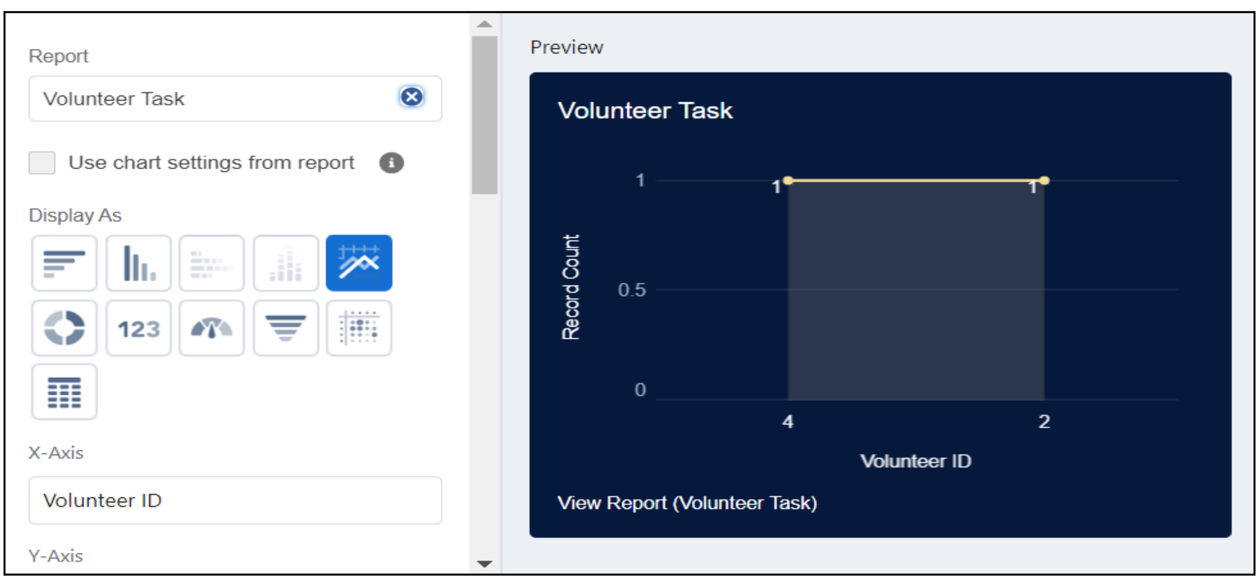
1. Now click on save.

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)



1. Now click on save.

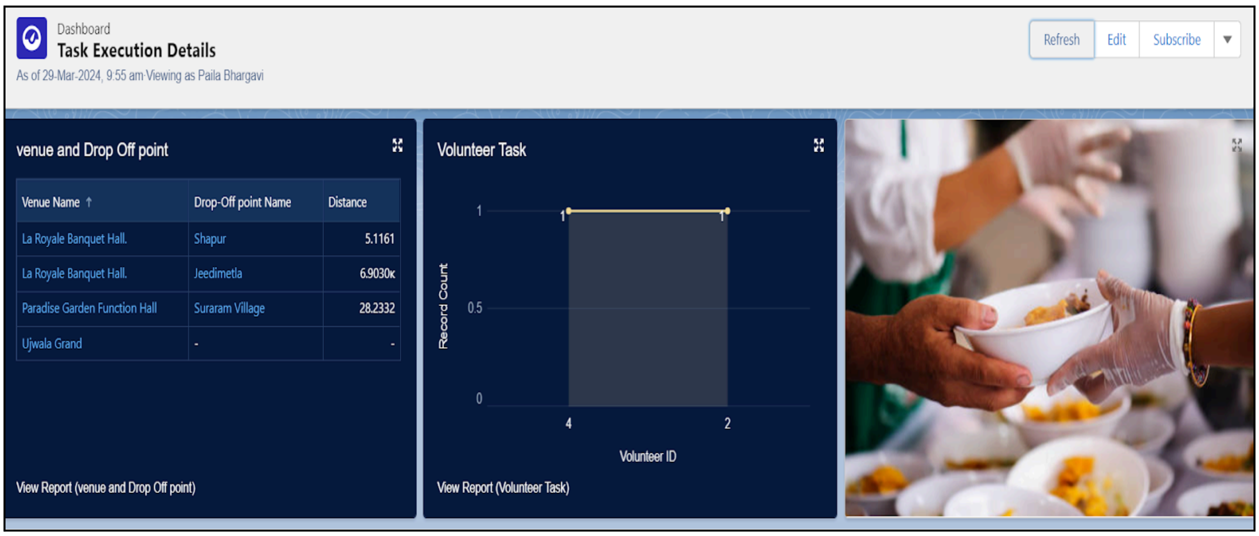
Adding a Picture to the Dashboard (Optional)

(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.



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 : Iksha
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 : NSS

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 : Street Cause

17. Click on Save.

Drop-Off point Sharing Rules New Recalculate Drop-Off point Sharing Rules Help

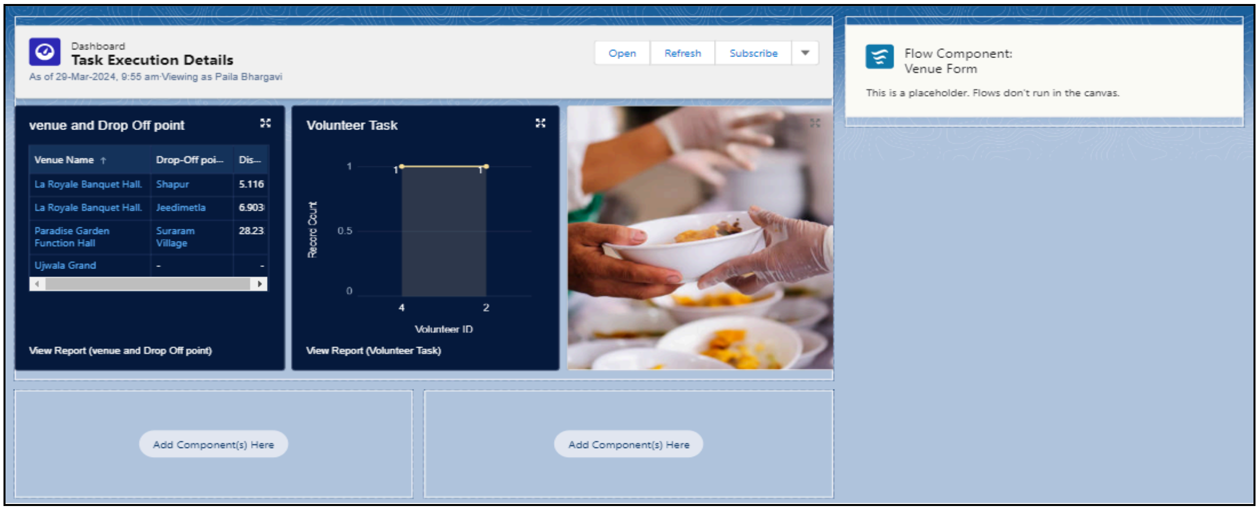
Action	Criteria	Shared With	Access Level
Edit | Del	Drop-Off point: Distance LESS OR EQUAL 15	Group: Iksha	Read/Write
Edit | Del	(Drop-Off point: Distance GREATER THAN 15) AND (Drop-Off point: Distance LESS OR EQUAL 30)	Group: NSS	Read/Write
Edit | Del	(Drop-Off point: Distance GREATER THAN 30) AND (Drop-Off point: Distance LESS OR EQUAL 50)	Group: Street Cause	Read/Write

Creation of Home Page

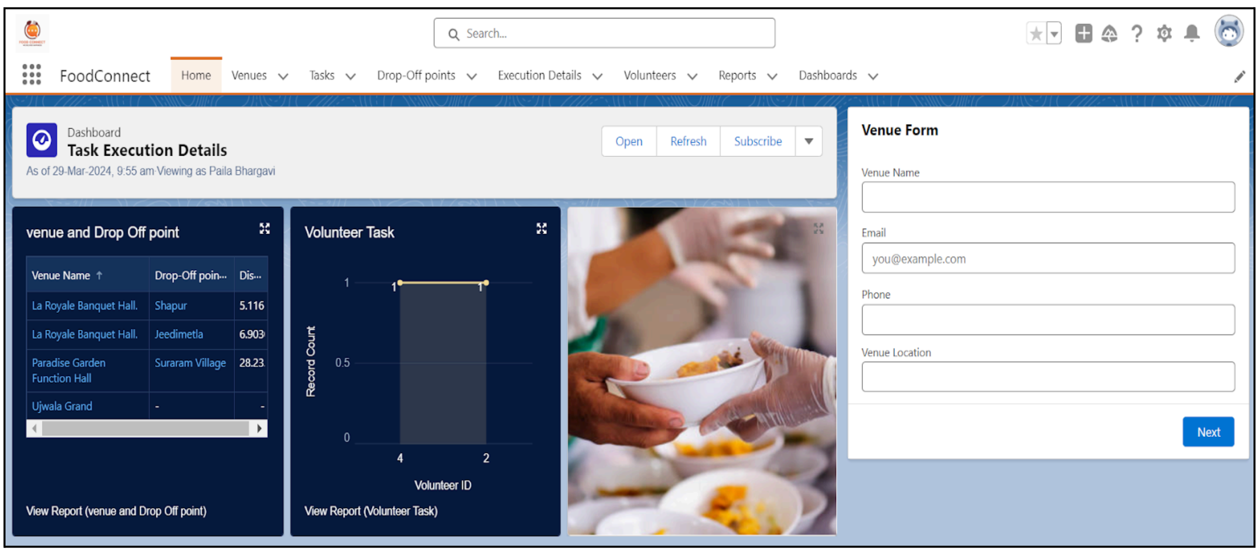
1. Go to setup >> type Lightning App Builder in quick find box >> Click on the Lightning App Builder and Select the New.
2. Select Home Page and give Label as HOME Page.
3. Select Standard Home Page.
4. Near Components search for Flow and Drag and Drop in Right Side Section..
5. On the right hand side:

    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.