INTRODUCTION:

Food wastage is a major concern globally, especially in countries where millions of people struggle with hunger and poverty. Every day, a large amount of edible food is discarded from households, restaurants, events, and other establishments. At the same time, countless individuals go to bed hungry, lacking even a single nutritious meal.

AIM:

The project **"To Supply Leftover Food to Poor"** aims to bridge this gap by collecting surplus or leftover food and distributing it to those in need. This initiative is driven by two core goals: reducing food wastage and addressing hunger in underprivileged communities.

By creating a network of donors (restaurants, caterers, households) and coordinating with volunteers and NGOs, the project seeks to ensure that excess food reaches the hungry instead of going to landfills. The emphasis will be on maintaining food safety, quick distribution, and creating a sustainable model that can be replicated in other areas.

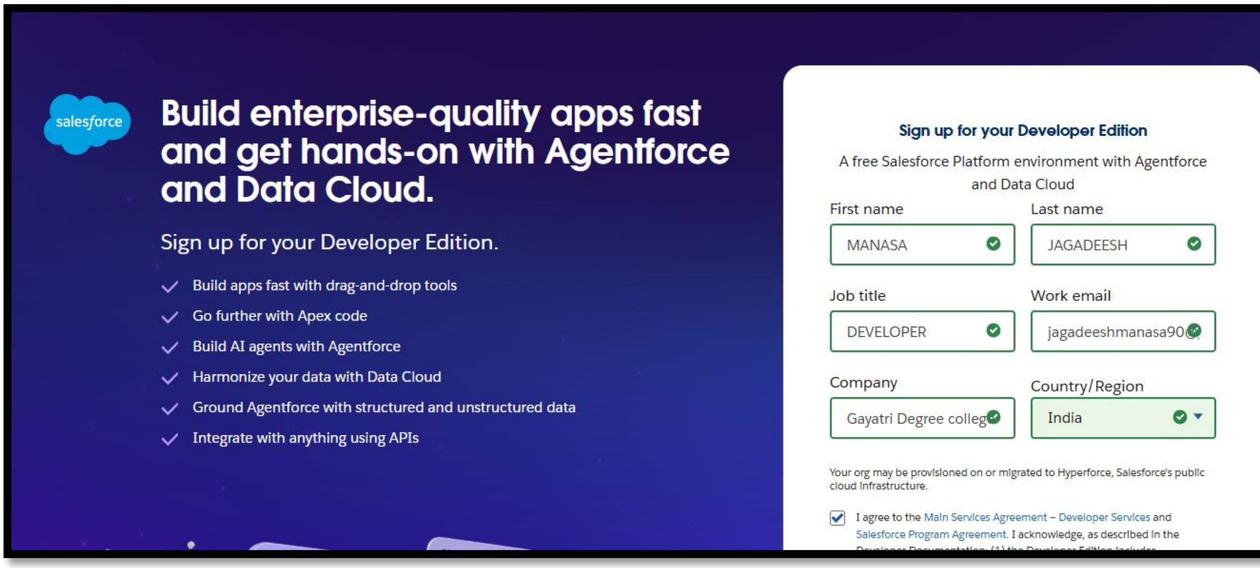
This project not only provides meals to the poor but also fosters a sense of social responsibility and community engagement. It turns waste into hope — one meal at a time.

By turning surplus food into a source of nourishment for the needy, this initiative hopes to inspire compassion, responsibility, and a shared commitment to ending hunger. Ultimately, this project envisions a world where no food is wasted and no one sleeps hungry.

MILESTONE-1

Creating Developer Account:

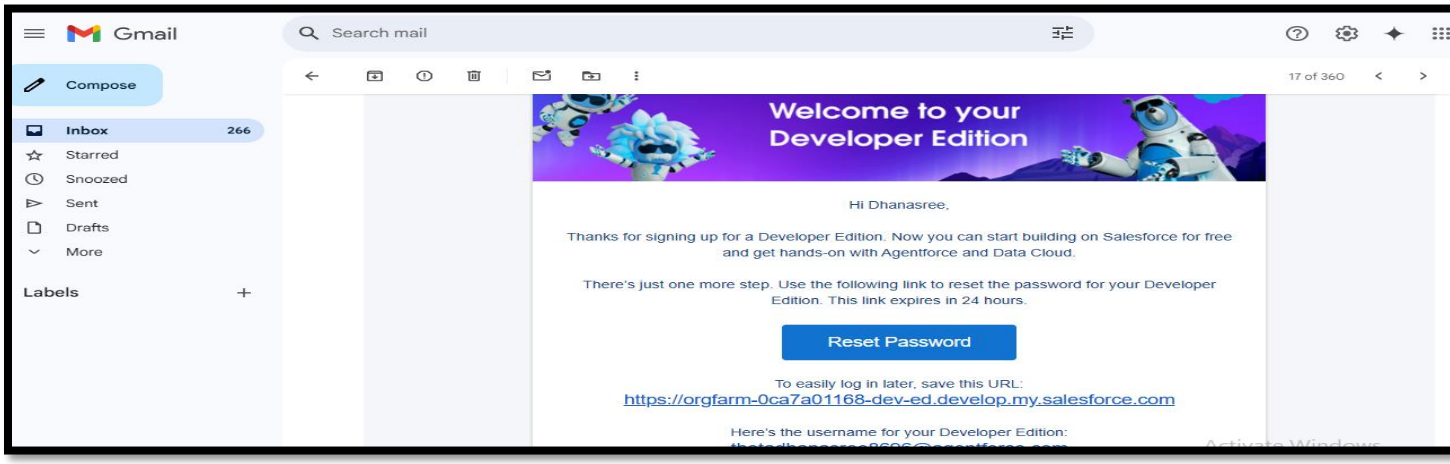
1. Go to https://www.salesforce.com/form/developer-signup/
2. Click on sign up.
3. On the sign_upform,enter the following details:



- First name & Last name: MANASA & JAGADEESH
- Job title: Developer
- Email: jagadeeshmanasa90@gmail.com
- Company: GAYATRI DEGREE COLLEGE TIRUPATI
- County: India

4. Click on sign up after filling this

Account Activation:

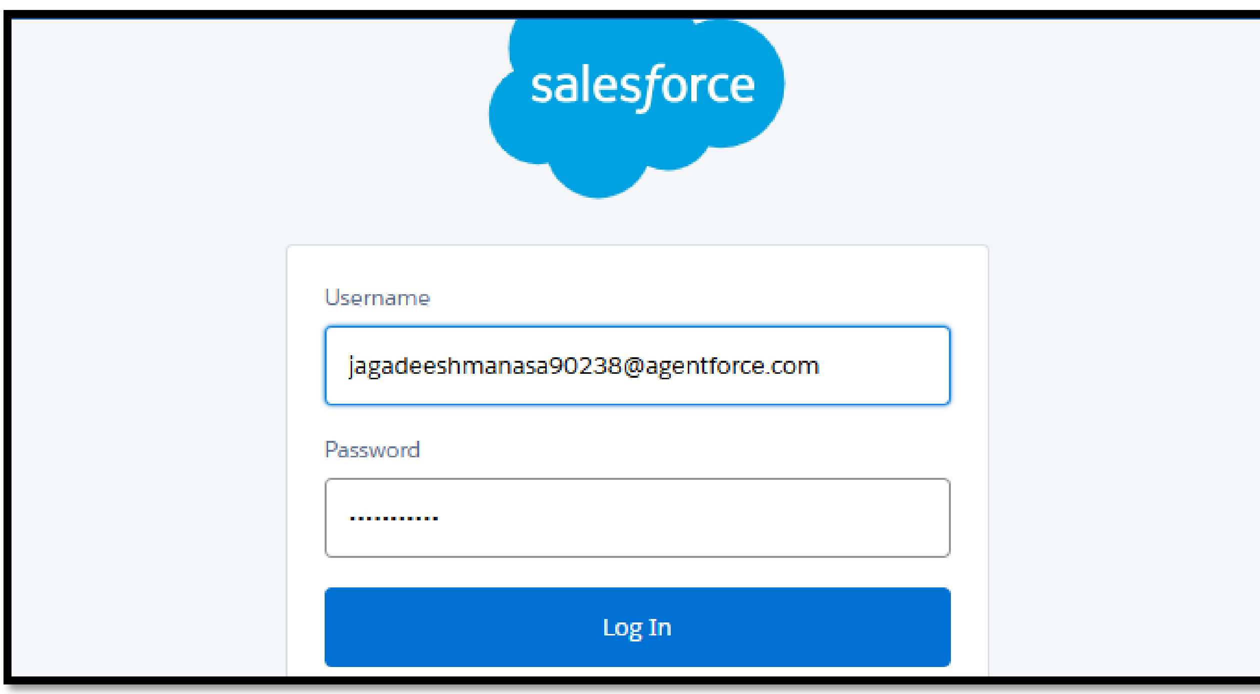


Developer Org Mail Verification

6. Login to your Salesforce Org

Salesforce Login: https://login.salesforce.com

To Supply Leftover Food TO Poor (Salesforce Developer)



Developer Org Login Screen

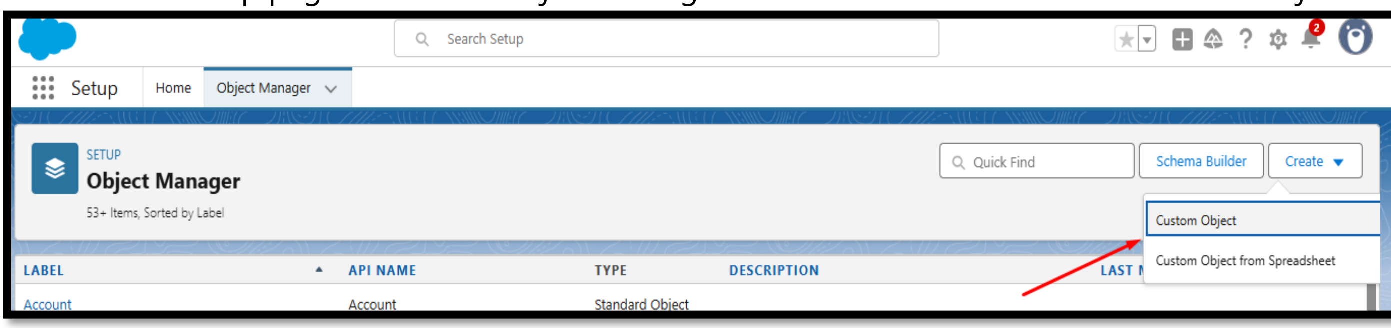
Milestone-02

Objects

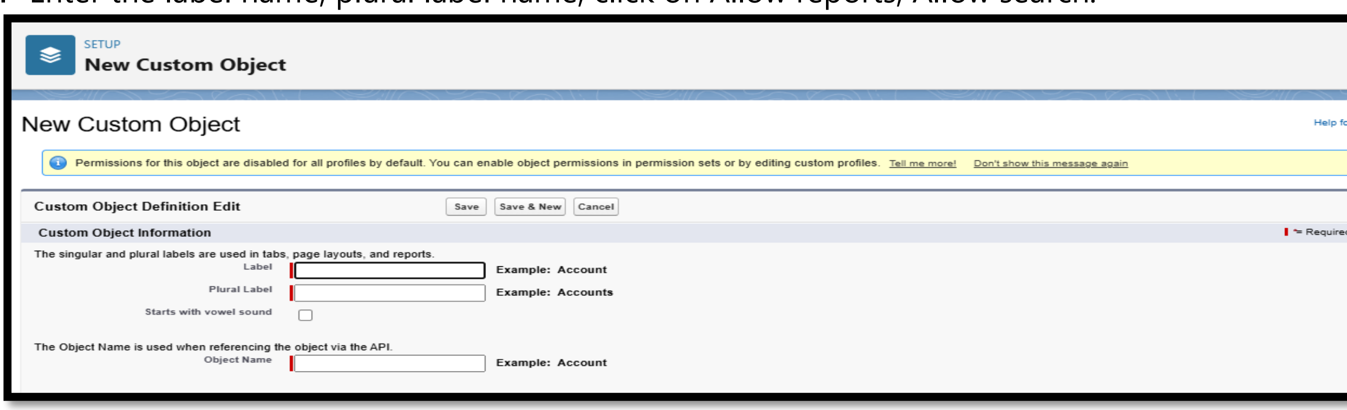
To Navigate to Setup page:

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.

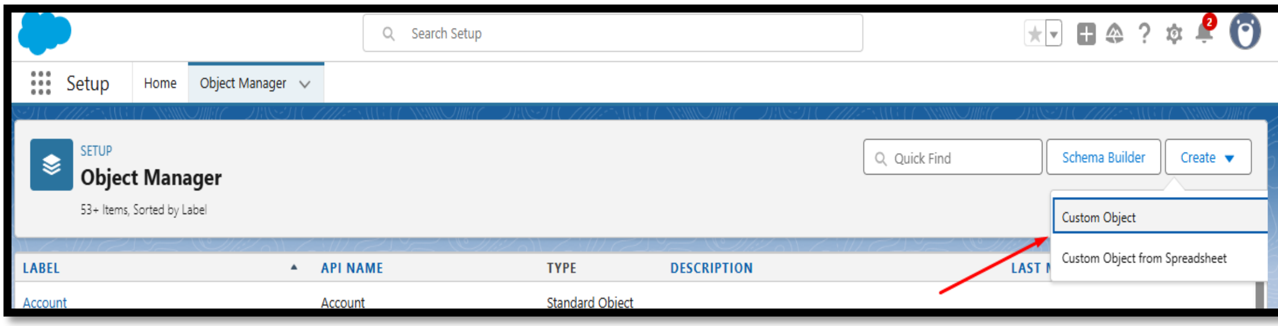


4. Click on Save.

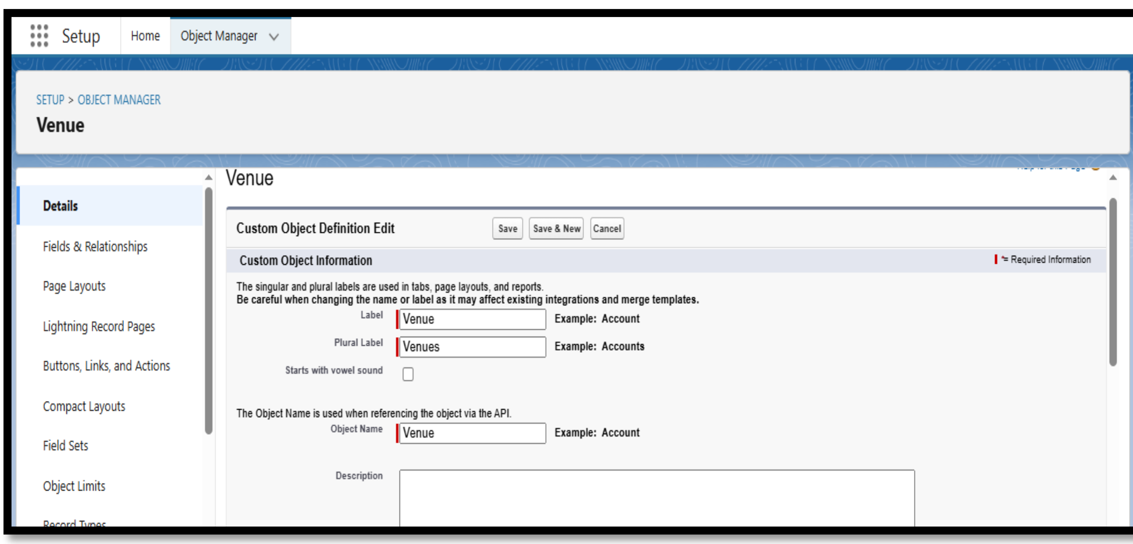
Create Venue Object

To create an object:

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



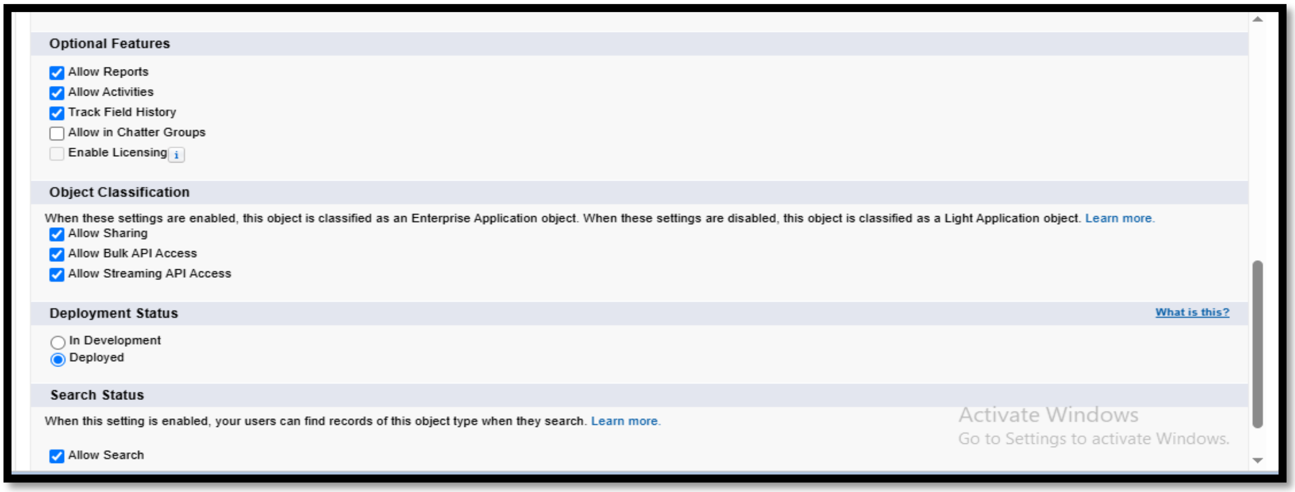
   1. Enter the label name Venue
   2. Plural label name Venues



   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.

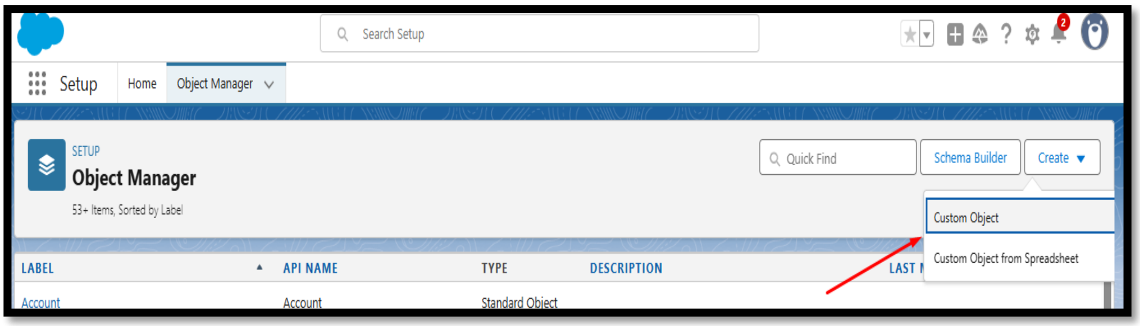
3. Allow search >> Save.



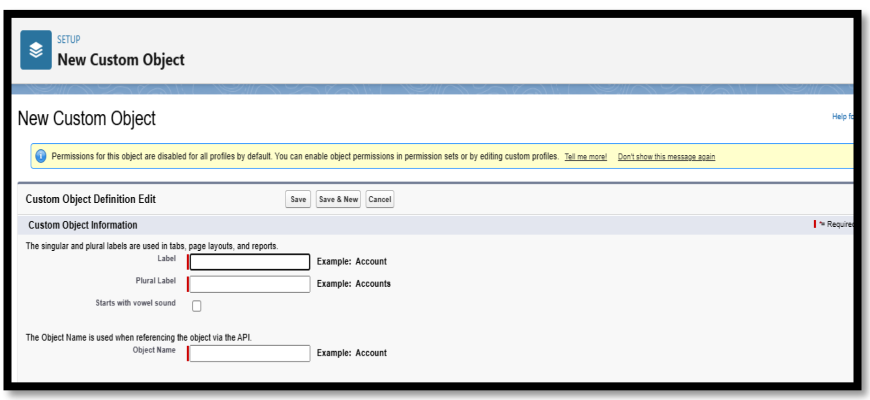
Create Drop-Off Point Object:

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



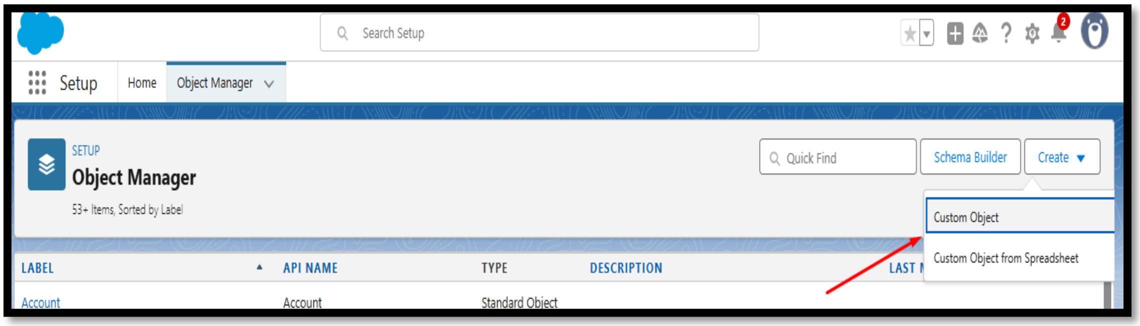
      - Record Name >> Drop-Off point Name
      - Data Type >> Text

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

Create Task Object:

To create an object:

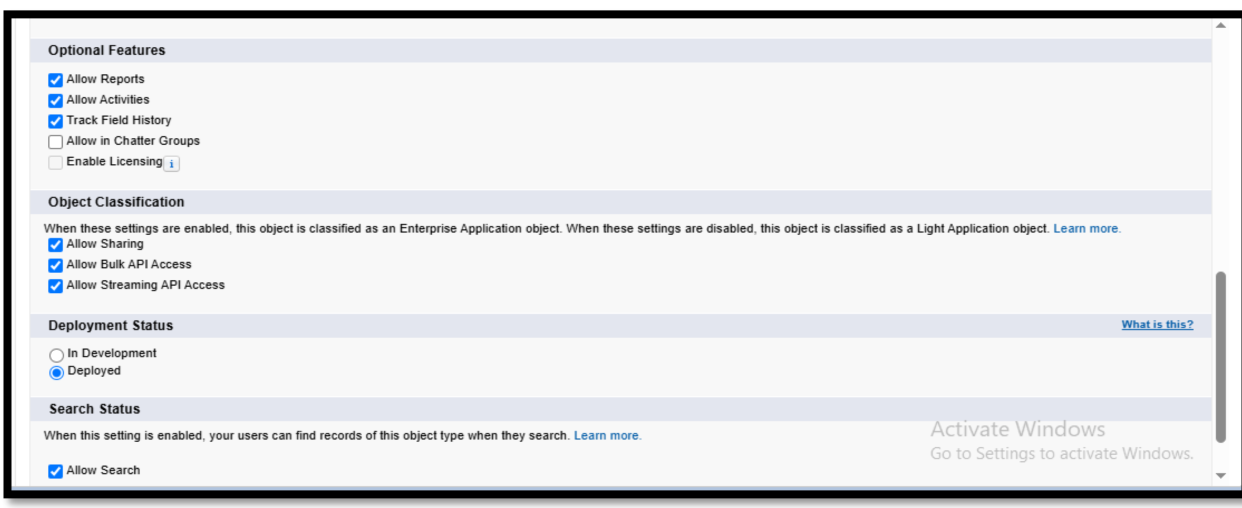
1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.



   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

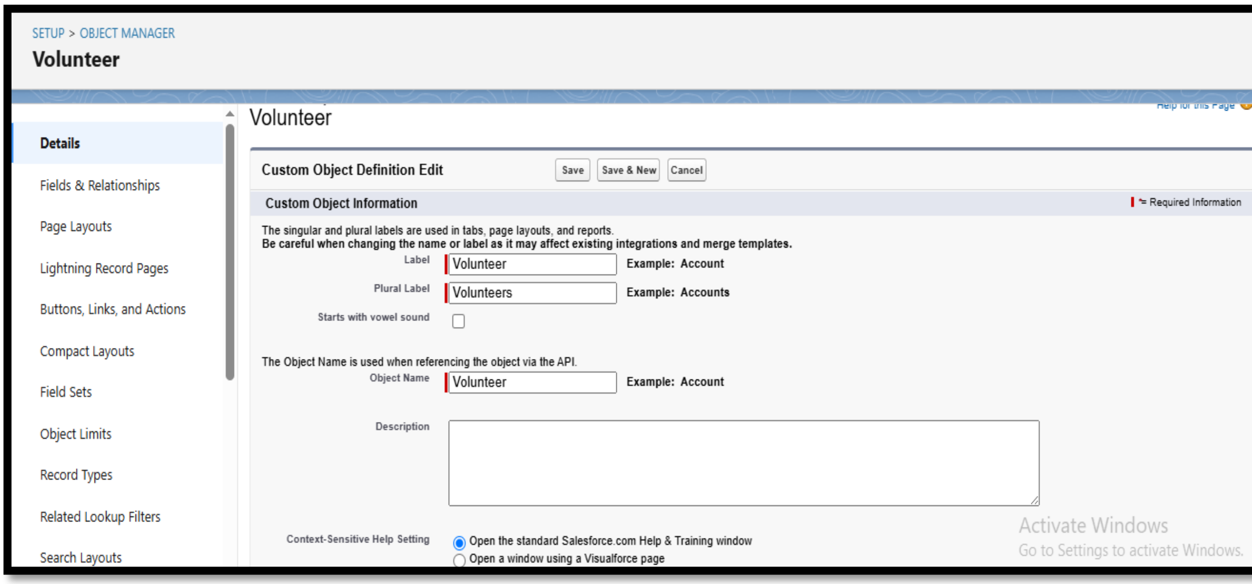
3. Allow search >> Save.



Create Volunteer Object

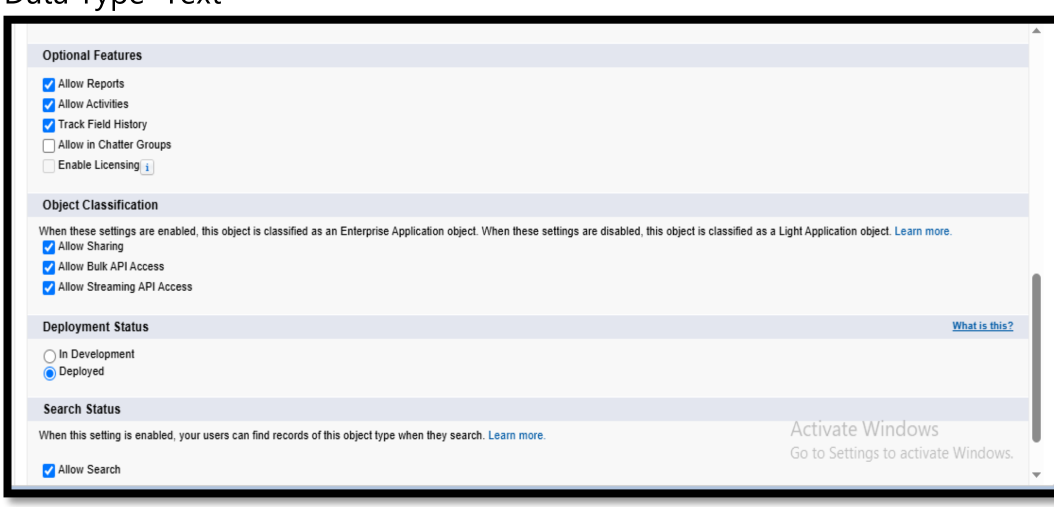
To create an object:

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



Enter Record Name Label and Format

- Record Name Volunteer Name
- Data Type Text

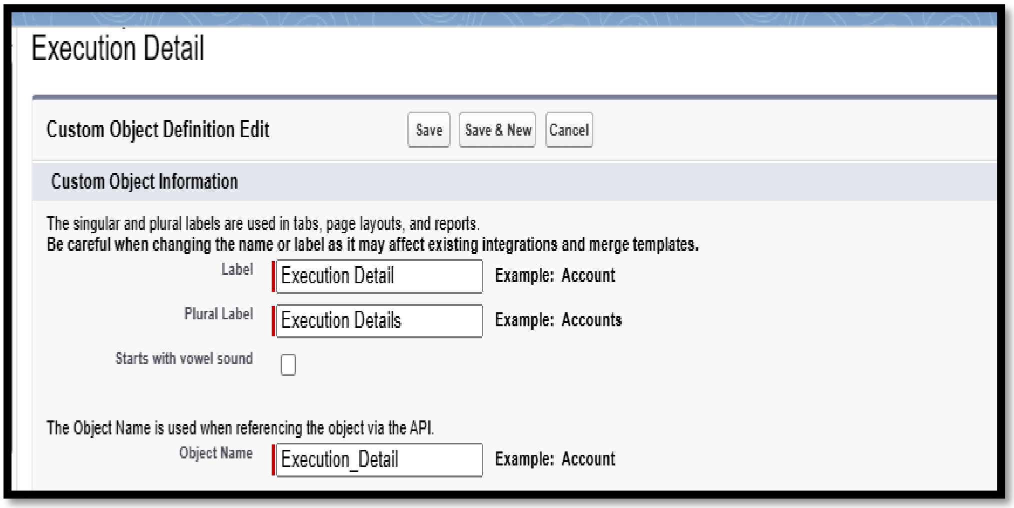


2. Click on Allow reports and Track Field History, Allow Activities
3. Allow search Save.

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.

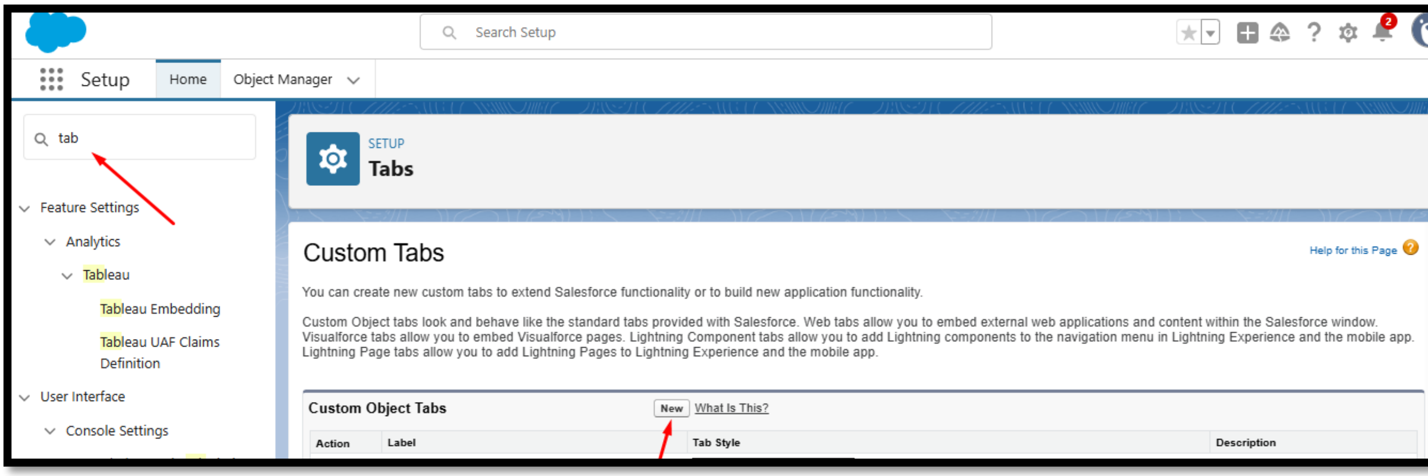
Milestone-03

Tabs

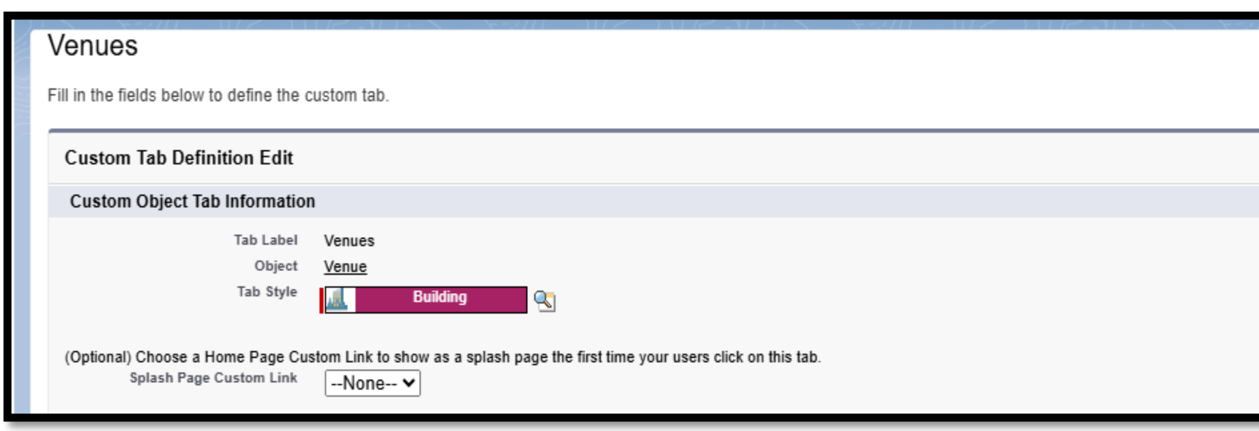
Creating a Custom Tab

To create a Tab:

1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)



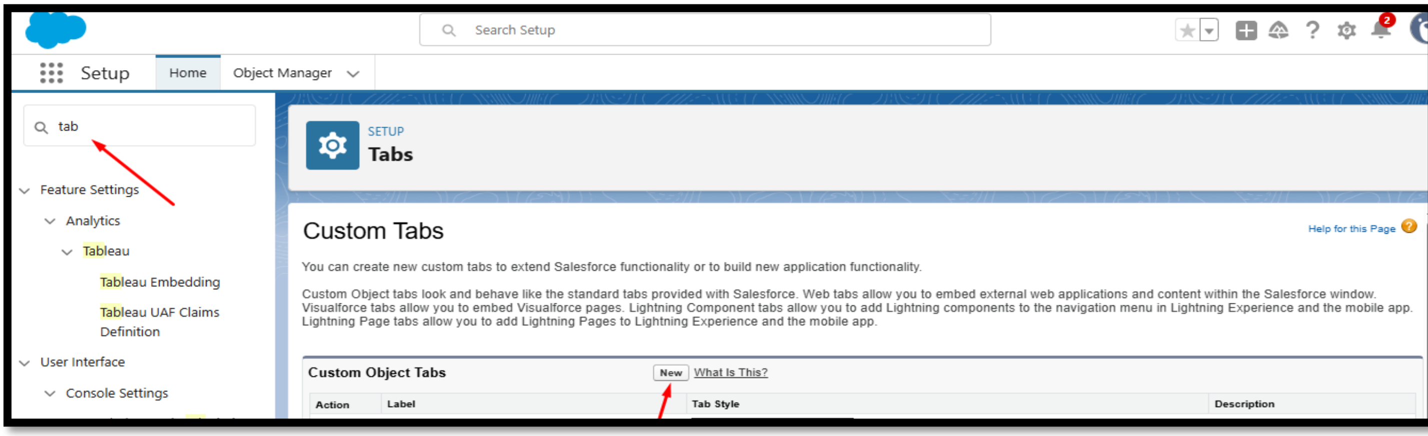
1. Select Object(Venue) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab .



2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save

To create a Tab: Drop-Off Points

1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)

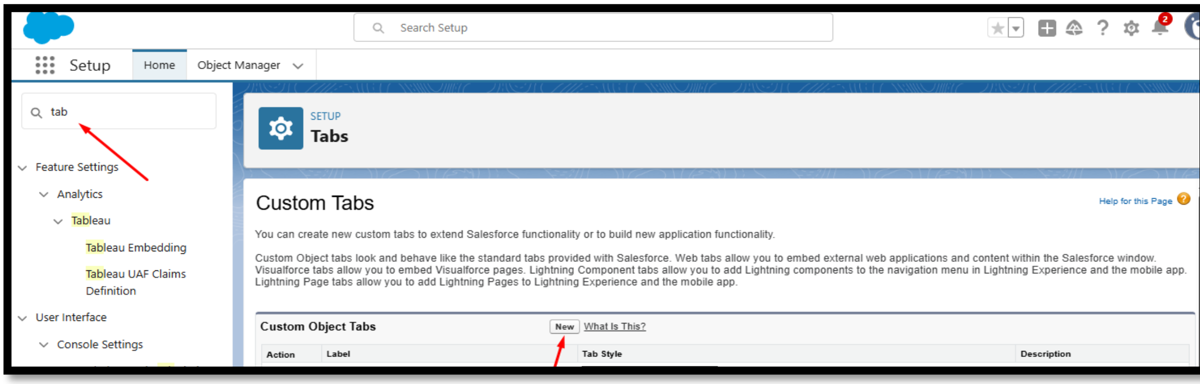


Select Object(Drop_Off Point) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab.

1. Make sure that the Append tab to users' existing personal customizations is checked.
2. Click save

To create a Tab: Task

1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tabs)

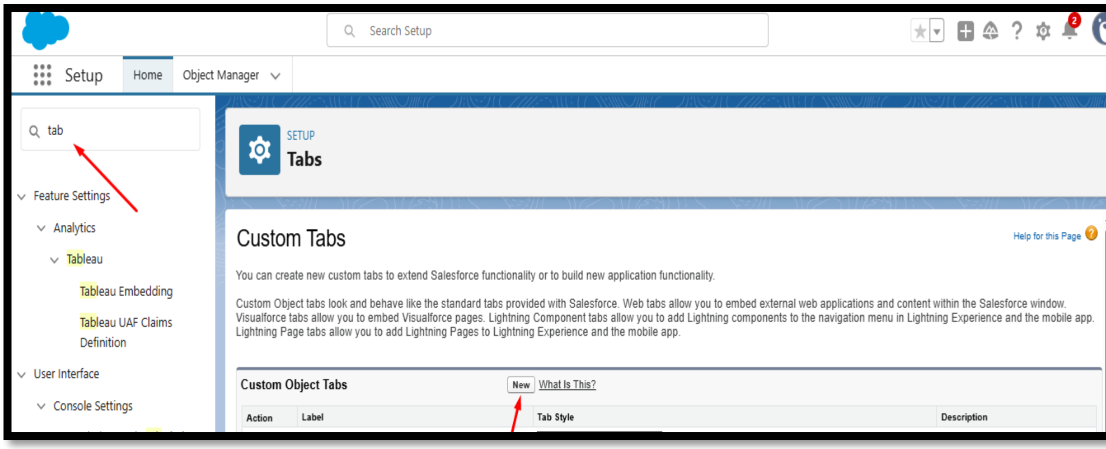


1. Select Object(Task) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab.

2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save

To create a Tab: Volunteer

1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)

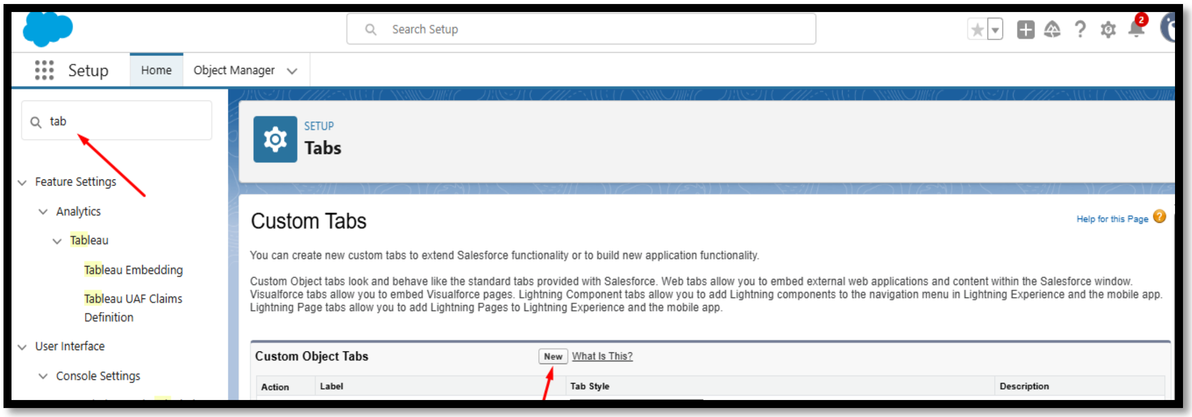


1. Select Object(**Volunteer**) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab .

2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save

To create a Tab: Execution Details

Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)



1. Select Object(**Execution Details**) >> 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

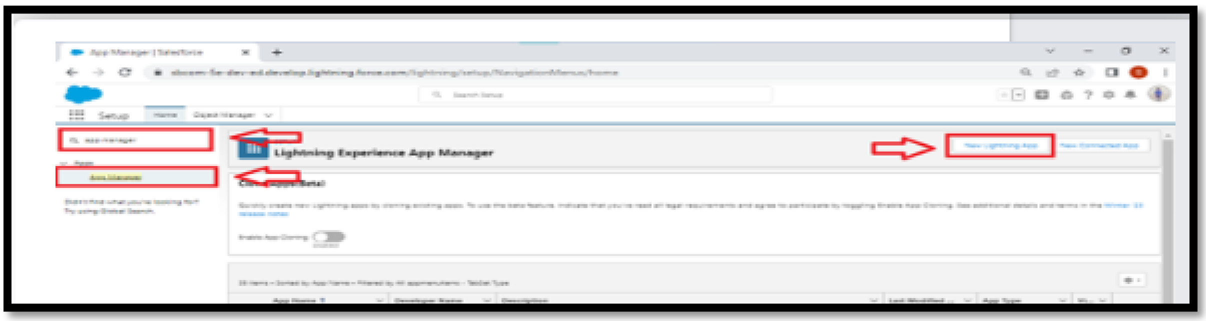
Milestone-04

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.



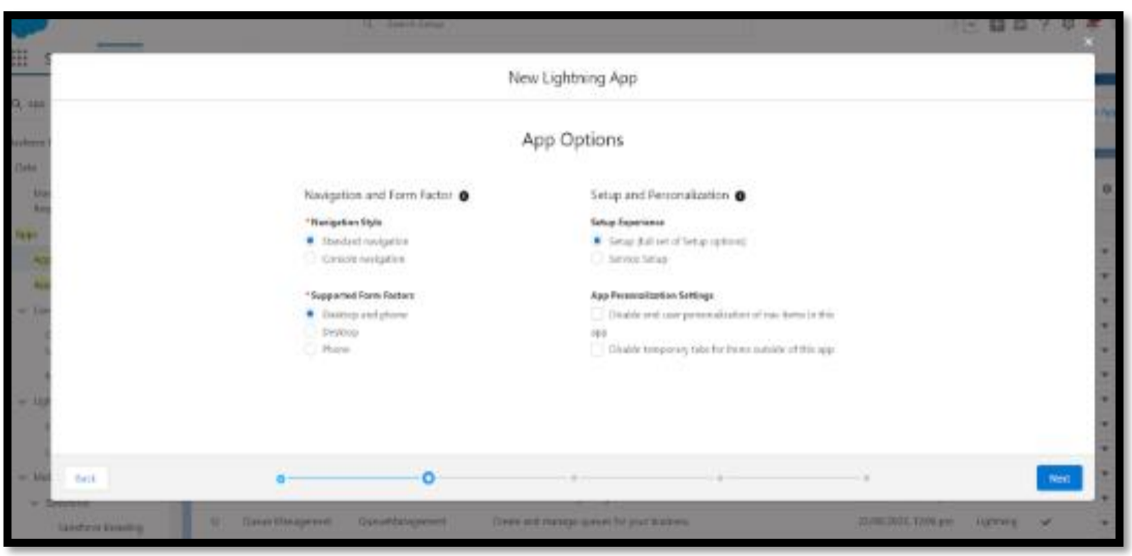
2. Fill the app name in app details and branding as follow

   App Name: FoodConnect

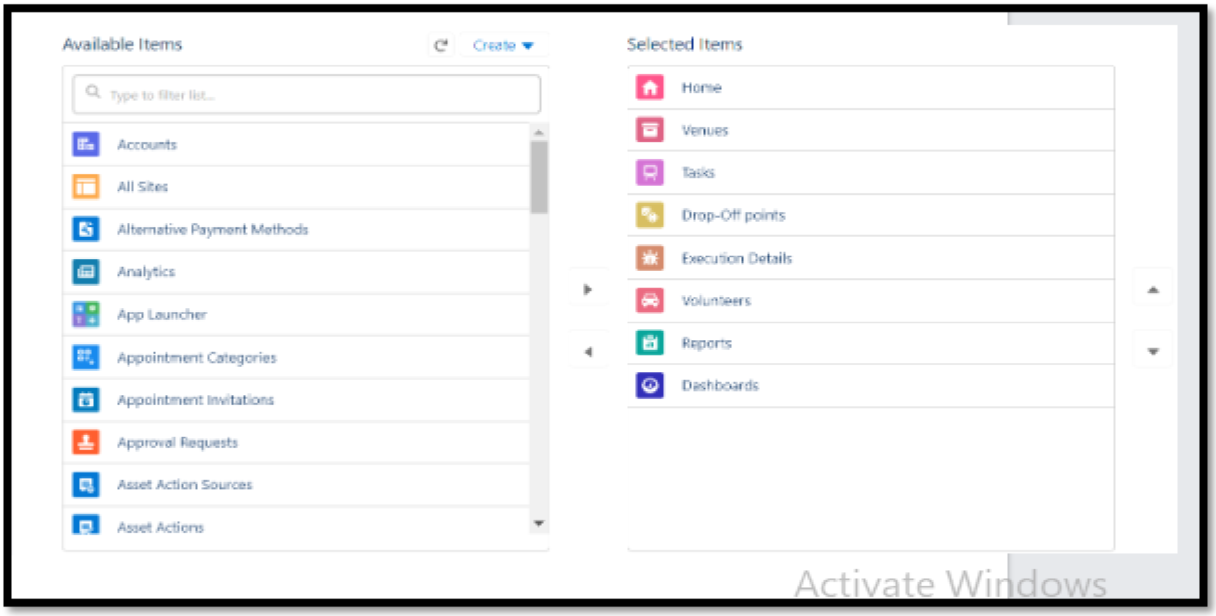
   Developer Name: This will auto populated

   Image: optional (if you want to give any image you can otherwise not mandatory) Primary color hex value: keep this default.

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

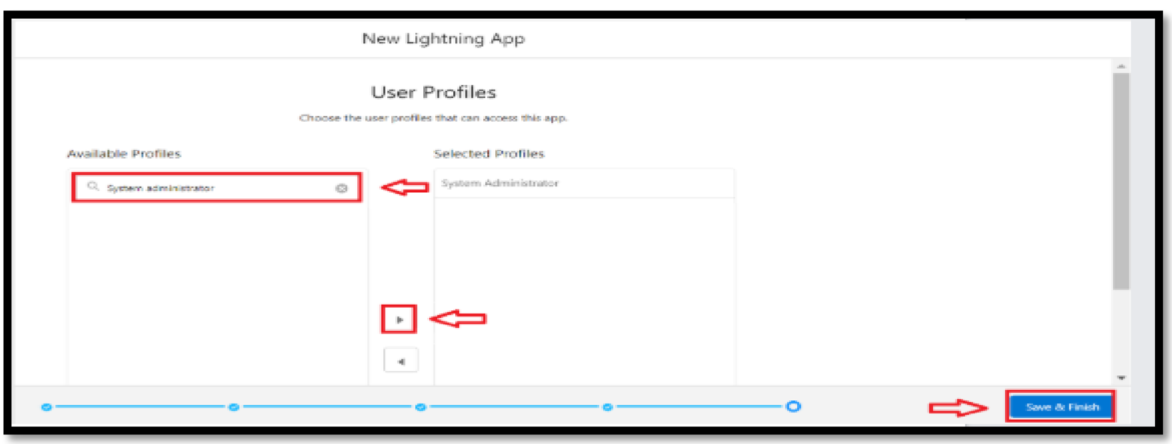


4. (Utility Items) keep it as default >> Next.
5. To Add Navigation Items:



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:



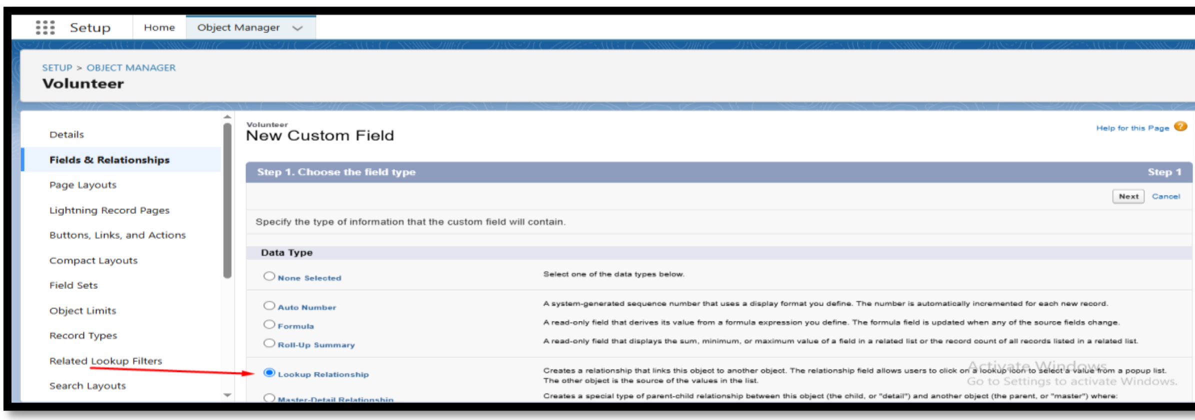
Search profiles (System administrator) in the search bar >> click on the arrow button >> save & finish.

Milestone-05:

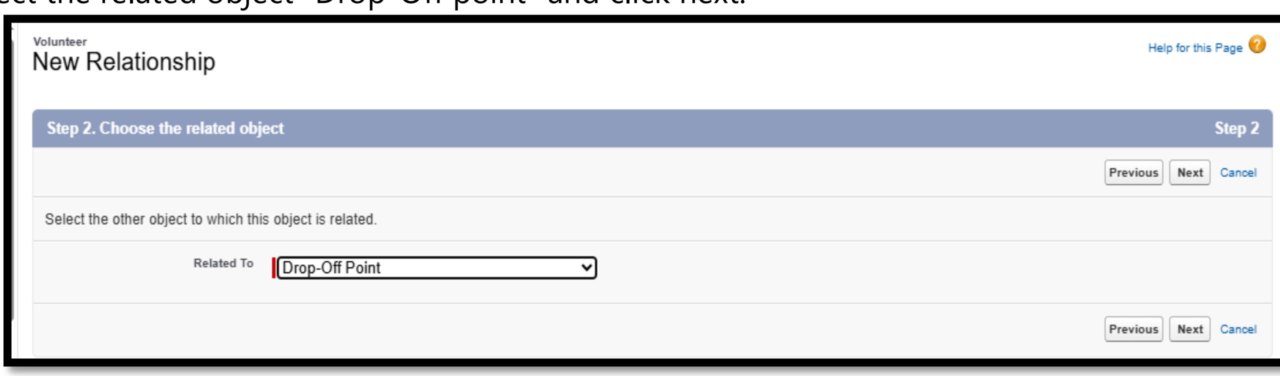
Creation of Relationship fields in objects

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 Lookup relationship



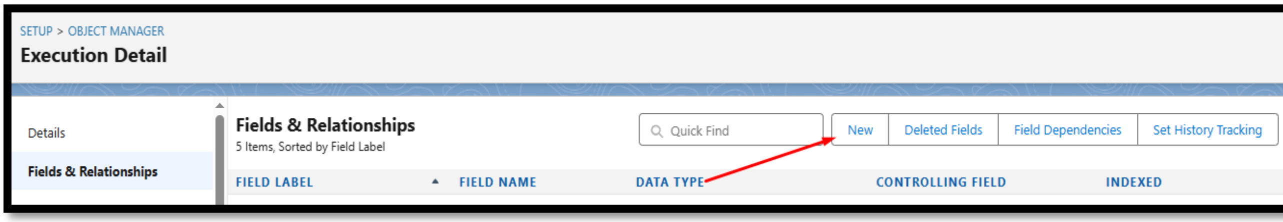
4. Select the related object “Drop-Off point” and click next.



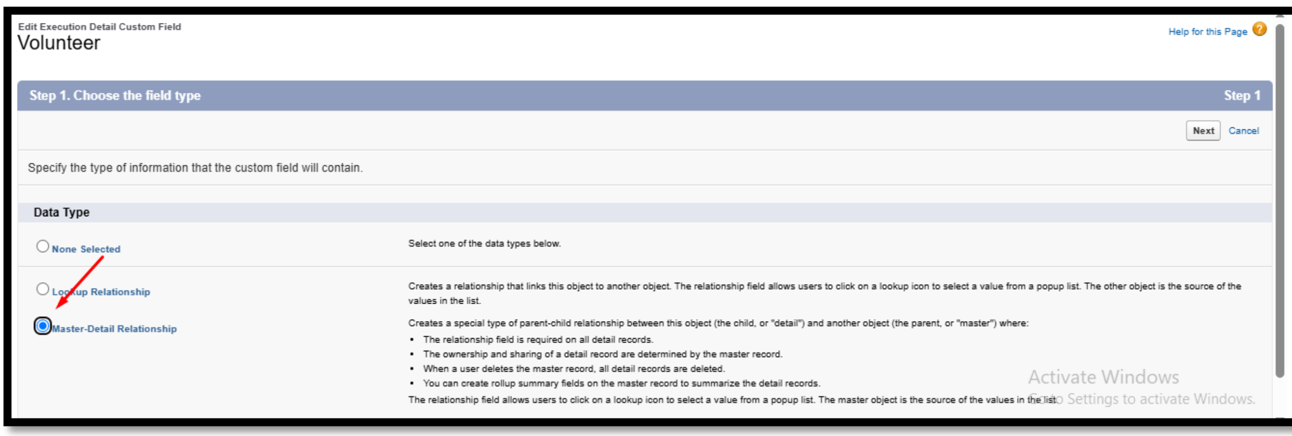
5. Field label : Auto generated
6. Next >> Next >> Save.

Creation of Master Detail Relationship Field on Execution Details Object :

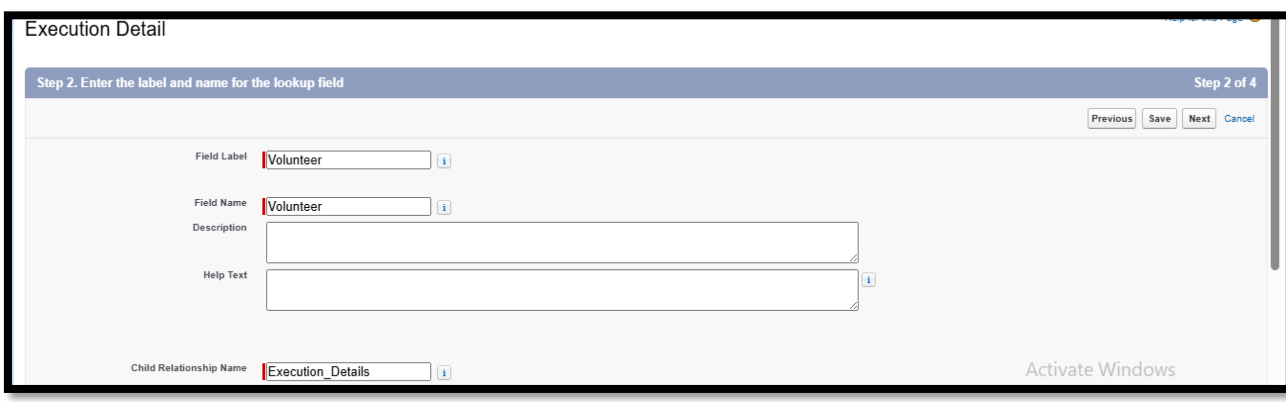
8. Go to setup >> click on Object Manager >> type object name(Execution Details) in the search bar>> click on the object.
9. Now click on “Fields & Relationships” >> New



10. Select Master Detail relationship



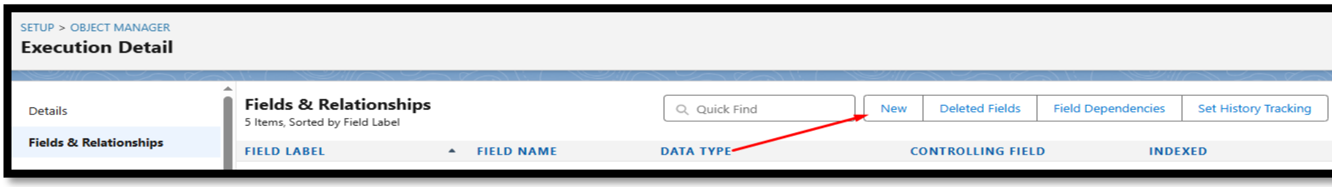
11. Select the related object “Volunteer” and click next.
12. Field Name : Volunteer



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

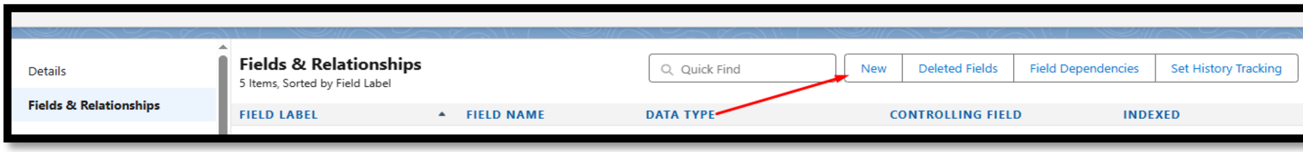


17. Select Master Detail relationship
18. Select the related object "Task" and click next.
19. Field Name : Task
20. Field label : Auto generated

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

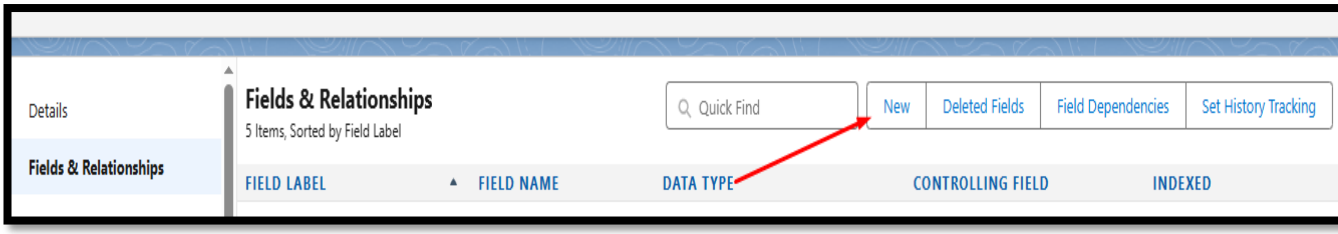


24. Select Lookup relationship
25. Select the related object "Venue" and click next.
26. Field Name : Venue
27. Field label : Venue

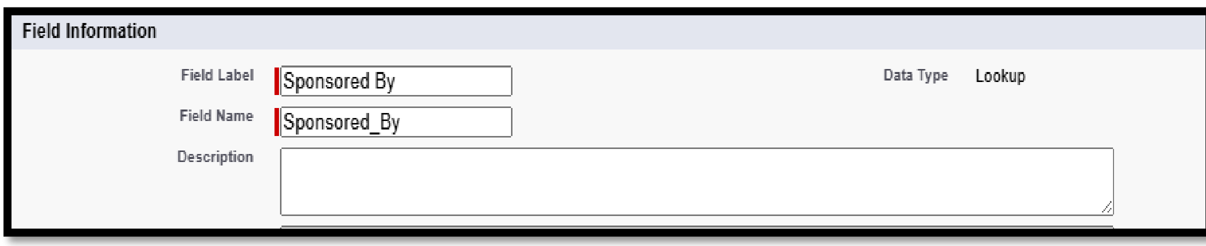
28. Next >> Next >> Save.

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



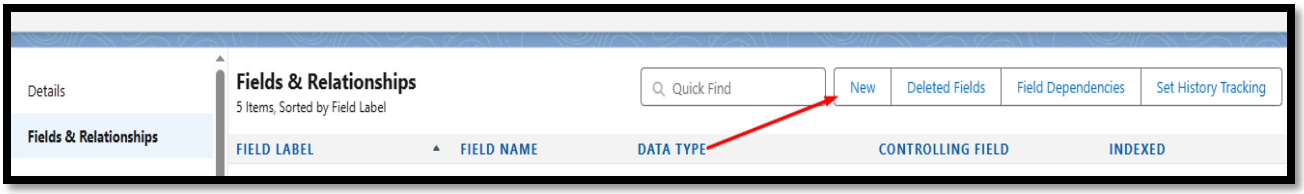
31. Select Lookup relationship
32. Select the related object "Venue" and click next.
33. Field Name : Sponsored By
34. Field label : Auto generated



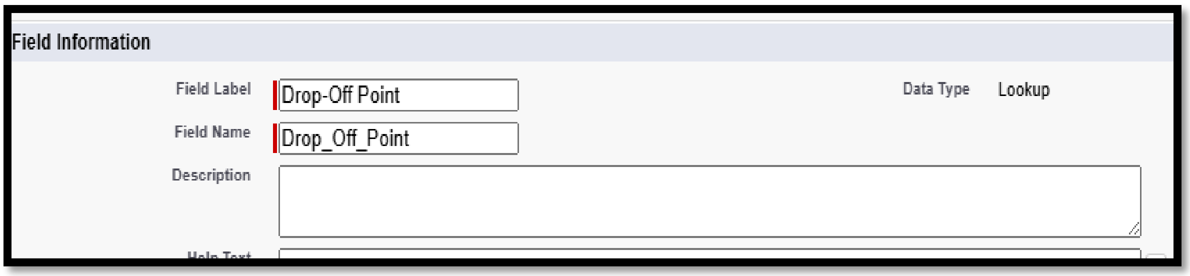
35. Next >> Next >> Save.

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



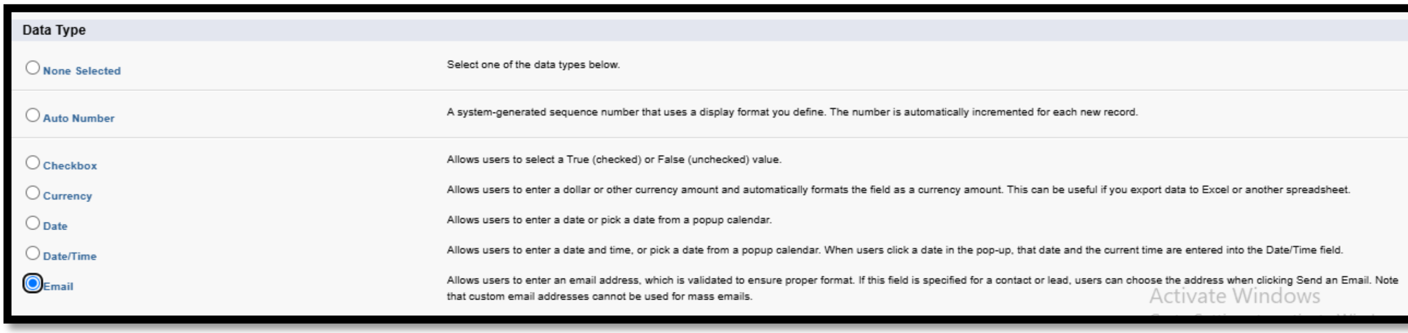
38. Select Lookup relationship
39. Select the related object "Drop-Off point" and click next.
40. Field Name : Drop-Off point
41. Field label : Auto generated



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

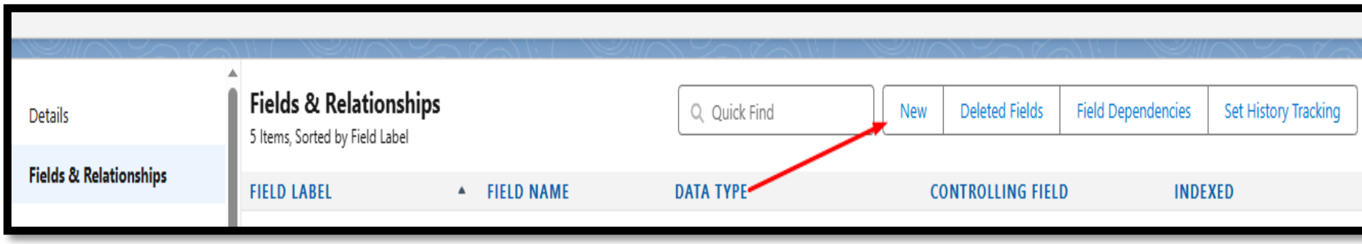
7. Select Data type as a "Phone" and Click on Next
8. Fill the Above as following:
   - Field Label : Contact Phone
   - Field Name : Contact Phone

- Click on required check box

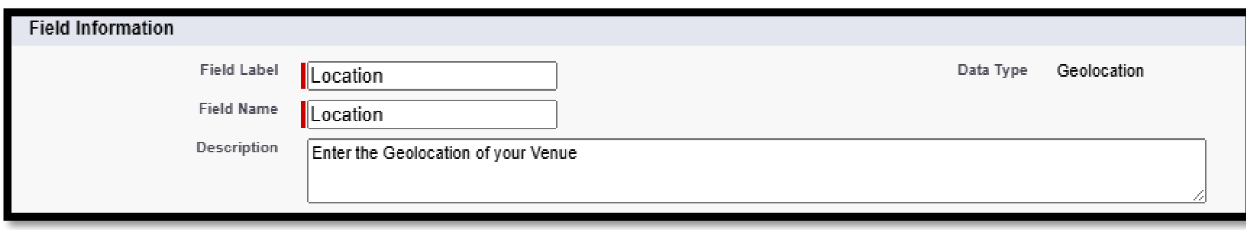
- Click on Next >> Next >> Save and new.

To create another fields in an object:

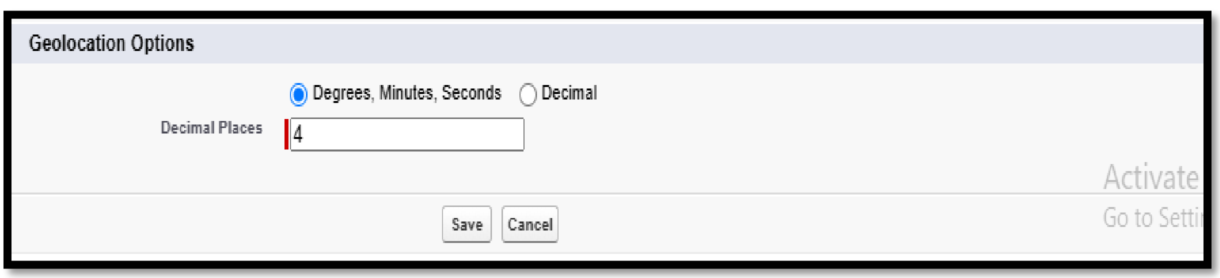
1. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >>click on the object.
2. Now click on "Fields & Relationships" >> New



3. Select Data type as a "Geolocation" and Click on Next
4. Fill the Above as following:
    - Field Label : Location
    - Field Name : Location



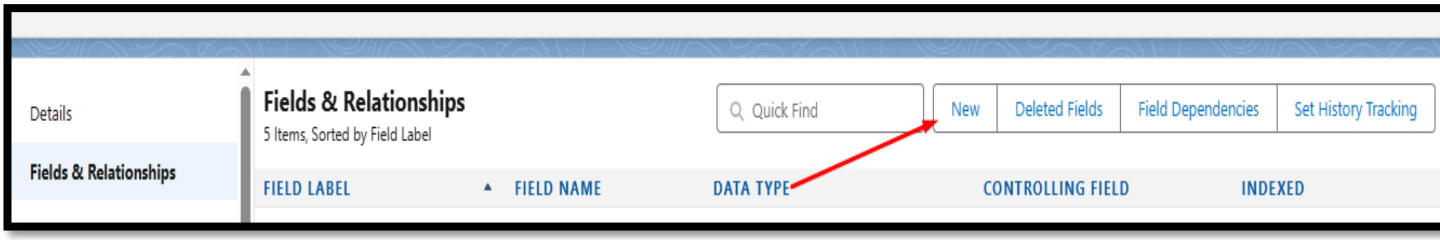
    - Description : Enter the Geolocation of your Venue
- Decimal Places : 4



- Click on Next >> Next >> Save and new.

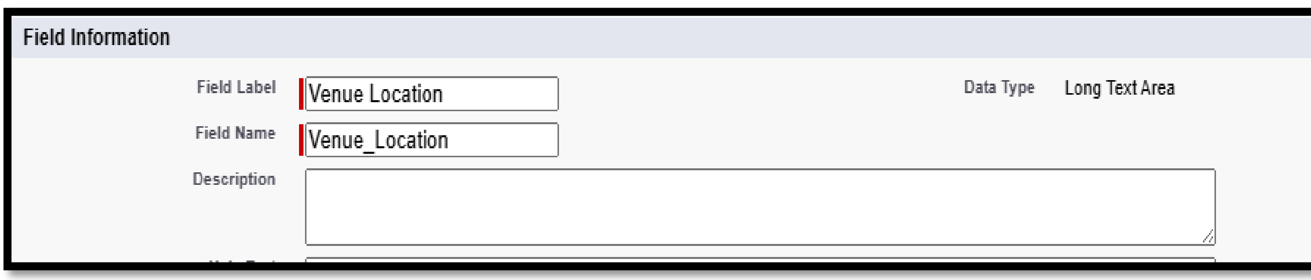
To create another fields in an object:

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

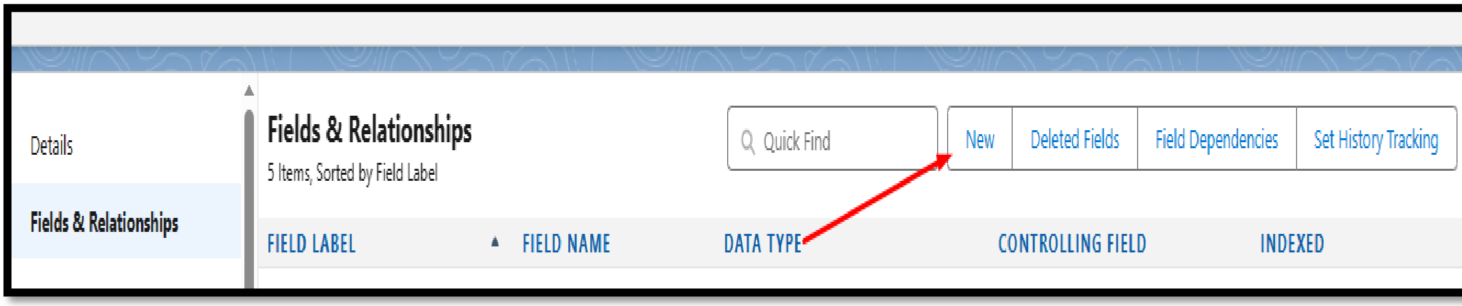


- Click on Next >> Next >> Save and new.

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.

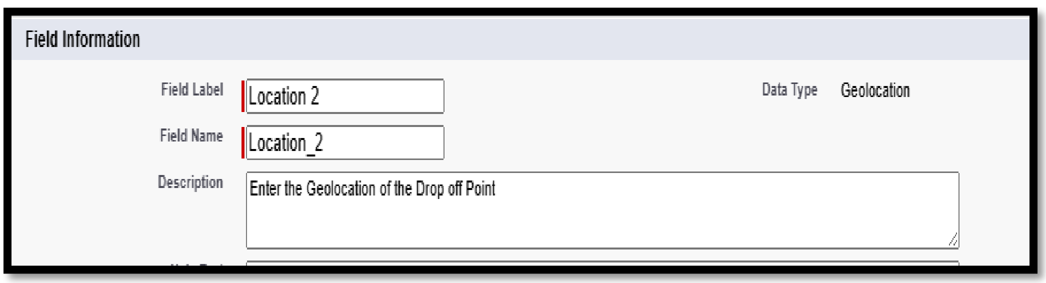
2. Now click on "Fields & Relationships" >> New



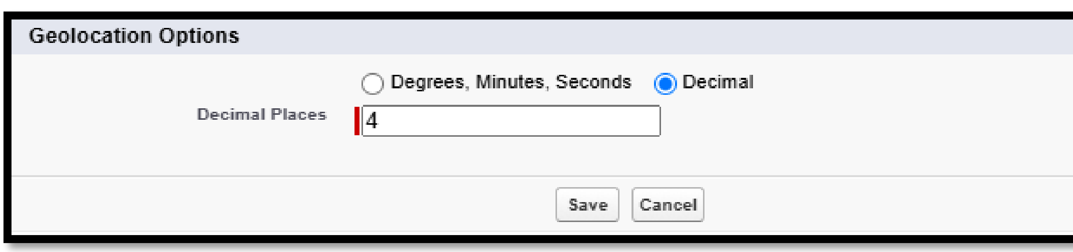
3. Select Data type as a "Geolocation" and Click on Next

4. Fill the Above as following:

- Field Label : Location 2
- Field Name : gets auto generated
- Description : Enter the Geolocation of the Drop off Point



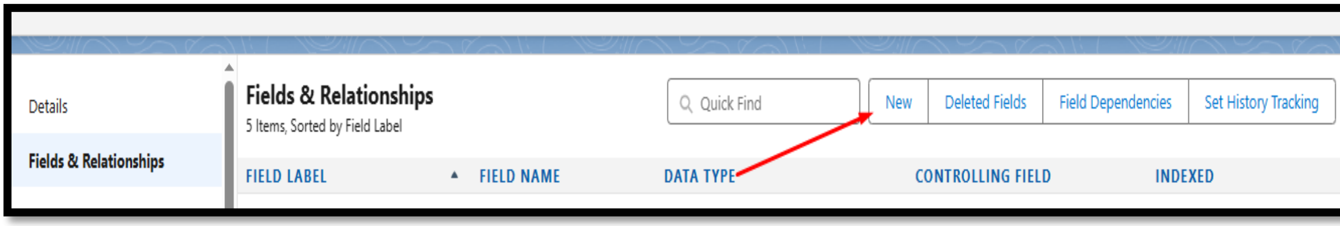
- Geolocation Options : select Decimal
- Decimal Places : 4



- Click on Next >> Next >> Save and new.

To create another fields in an object:

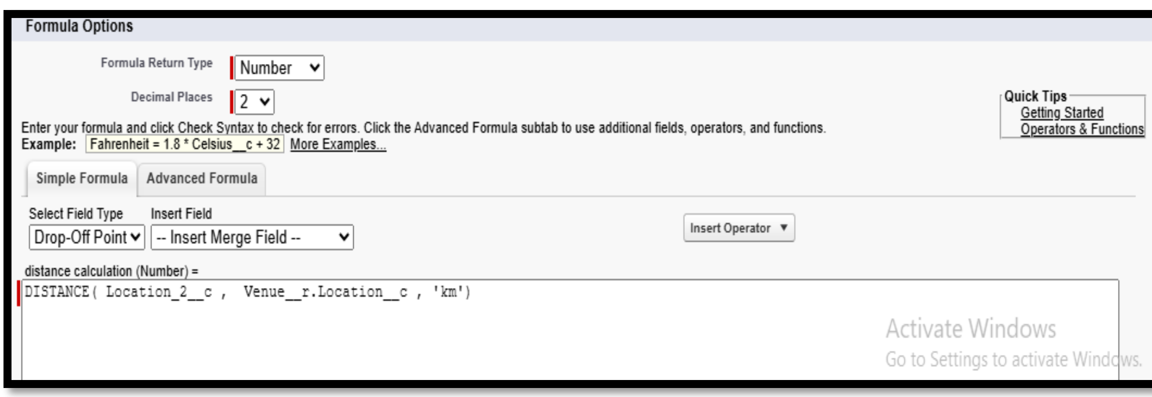
1. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New



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

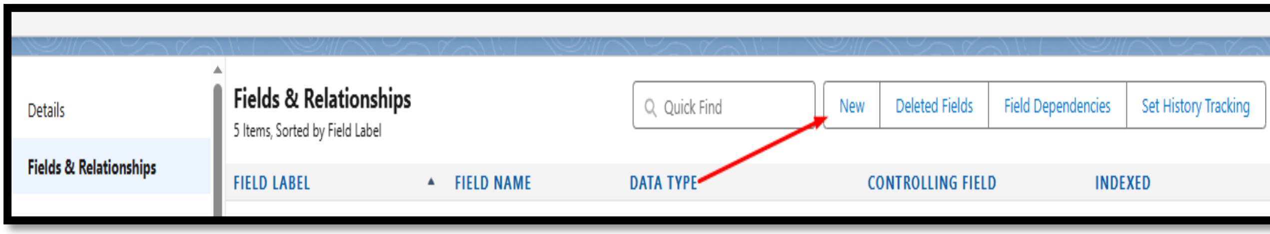
- Formula Return Type : Number
- Formula Options : DISTANCE(Location_2__c , Venue__r.Location__c , 'km')



- 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)

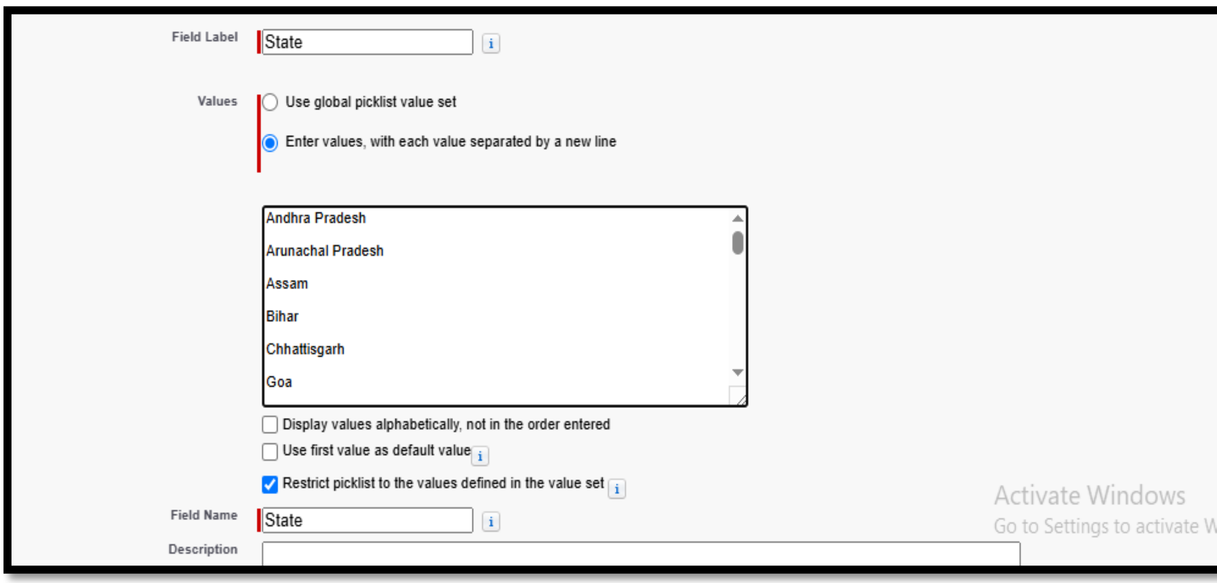
Delhi [National Capital Territory (NCT)]

Jammu & Kashmir (UT)

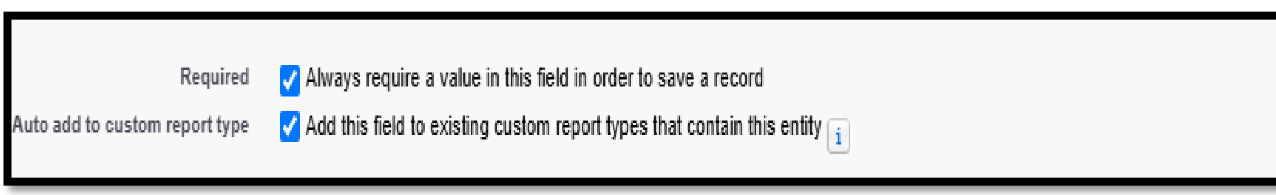
Ladakh (UT)

Lakshadweep (UT)

Puducherry (UT)



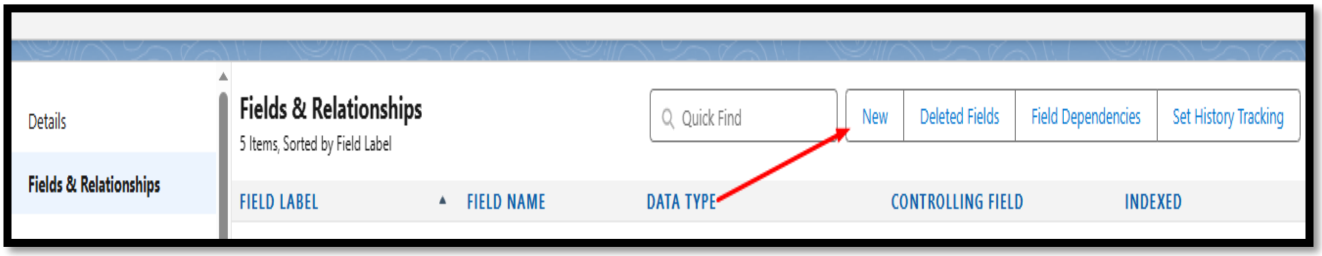
- Click on required check box



- Click on Next >> Next >> Save and new.

To create another fields in an object:

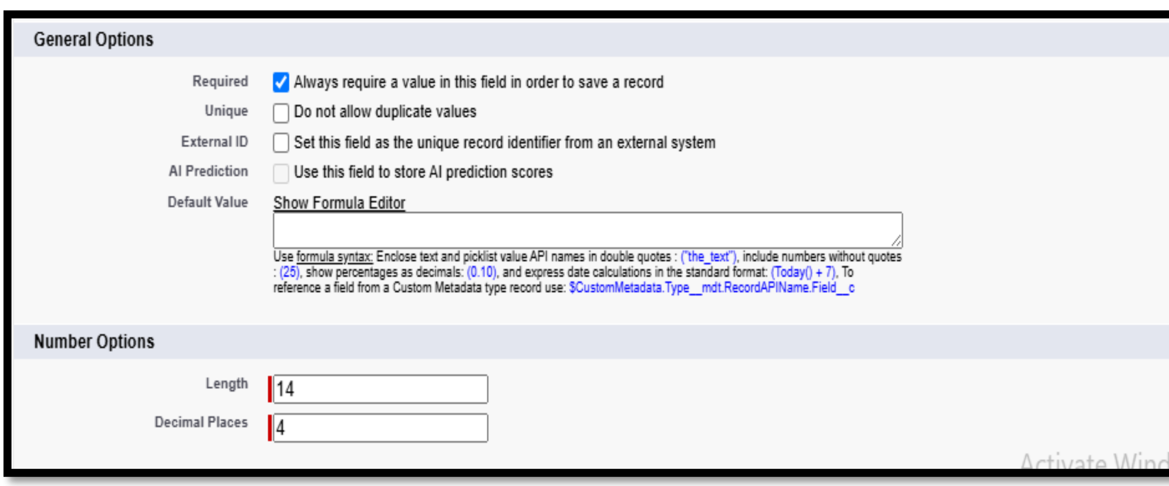
9. Go to setup >> click on Object Manager >> type object name(Drop_Off Point) in search bar >> click on the object.
10. Now click on “Fields & Relationships” >> New



11. Select Data type as a “Number” and Click on Next
12. Fill the Above as following:

- Field Label : Distance
- Field Name : Distance

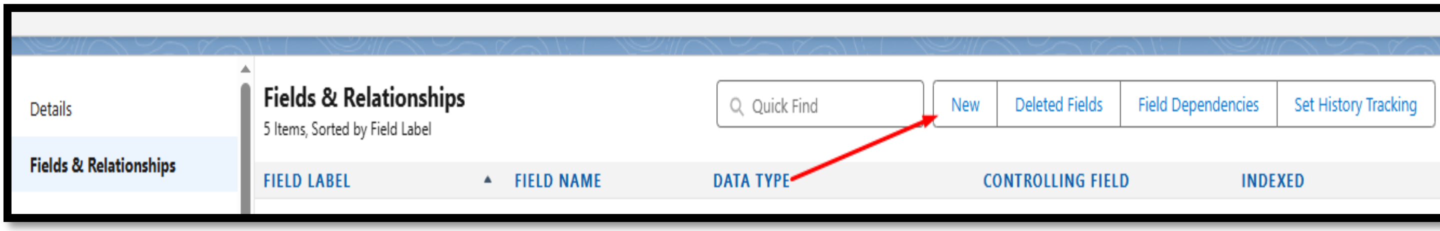
- Length : 14
- Decimal Places : 4
- Click on required check box



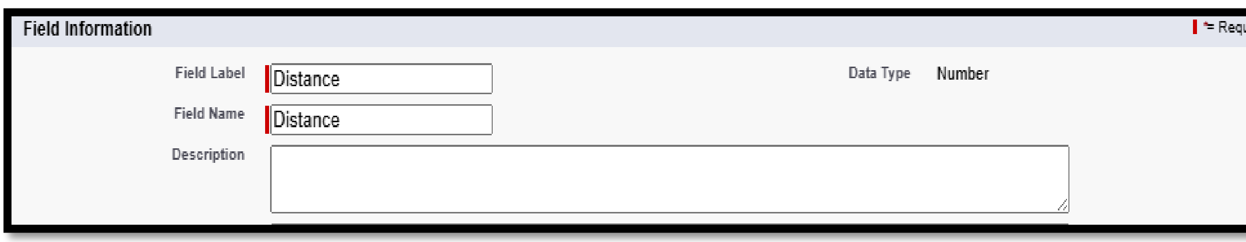
- Click on Next >> Next >> Save and new.

To create fields in an object:

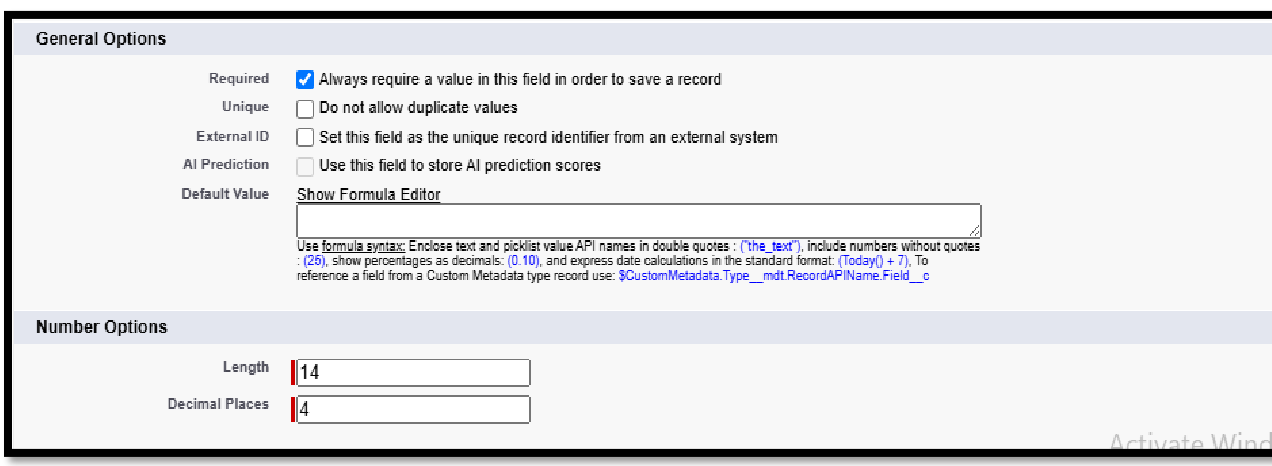
9. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
10. Now click on “Fields & Relationships” >> New



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

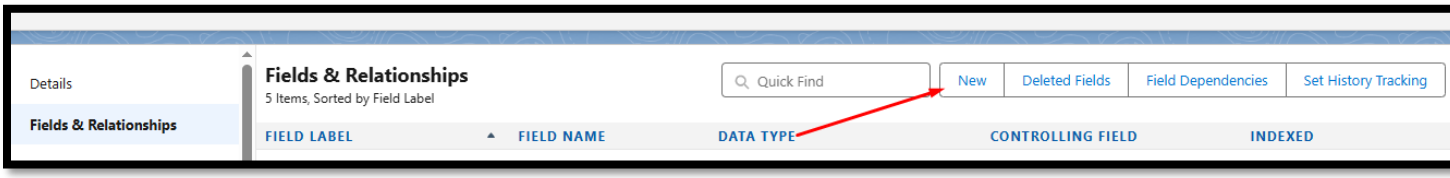


- Click on Next >> Next >> Save and new.

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.

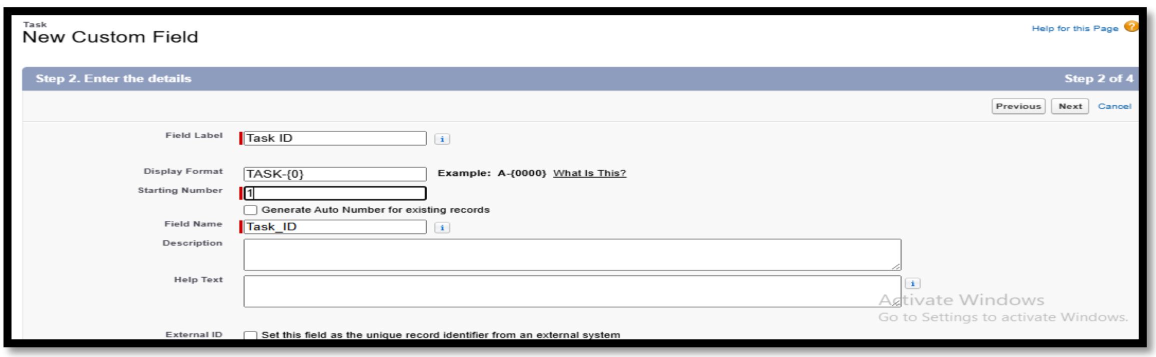
2. Now click on "Fields & Relationships" >> New



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

4. Fill the Below as following:

- Field Label : Task ID
- Display Format : TASK-{0}
- Starting Number : 1
- Field Name : gets auto generated

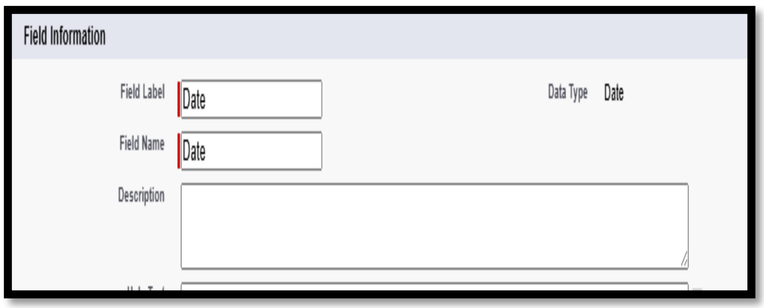


- Click on Next >> Next >> Save and new.

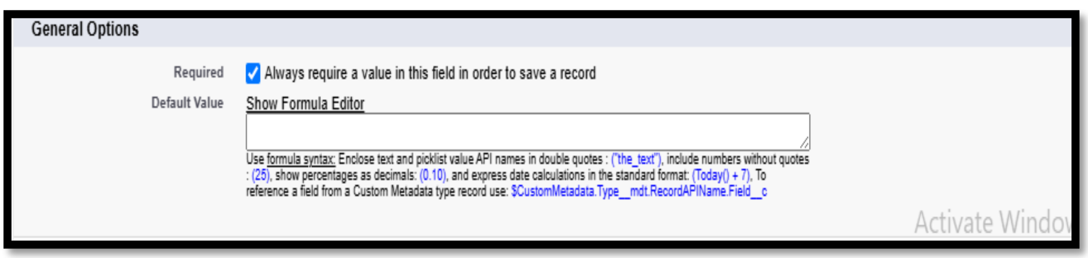
To create another fields in an object:

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:



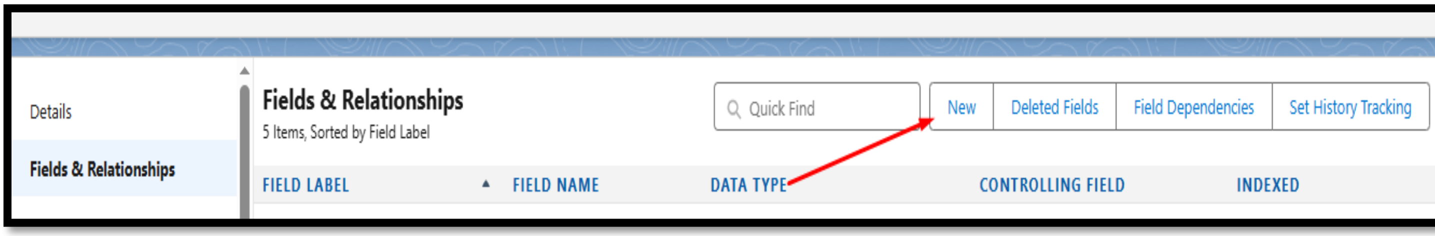
- Field Label : Date
- Field Name : Date
- Click on required check box



- 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

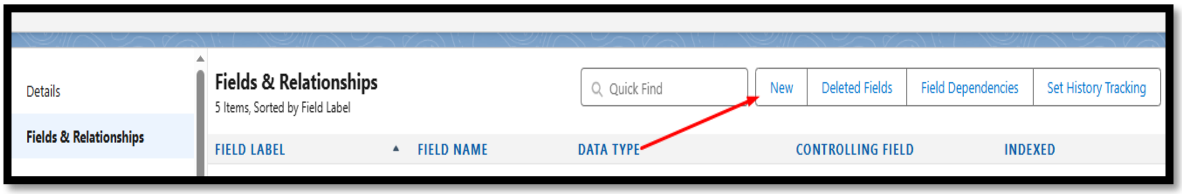
  Snack

- Click on required check box

- Click on Next >> Next >> Save and new.

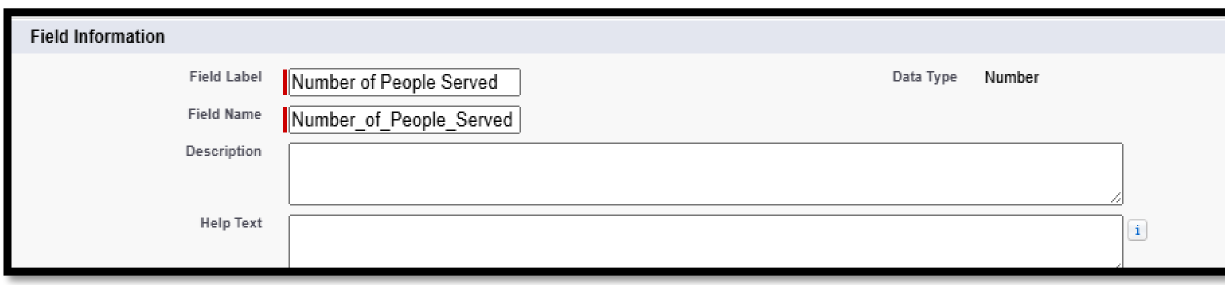
To create another fields in an object:

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

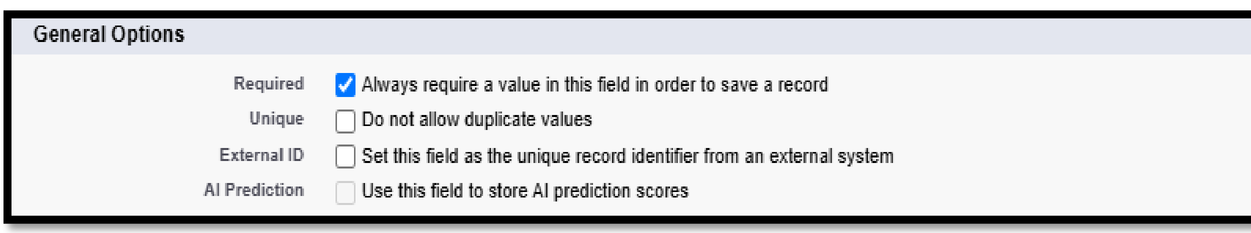


11. Select Data type as a “Number” and Click on Next
12. Fill the Above as following:

- Field Label : Number of People Served
- Field Name : Number_of_People_Served



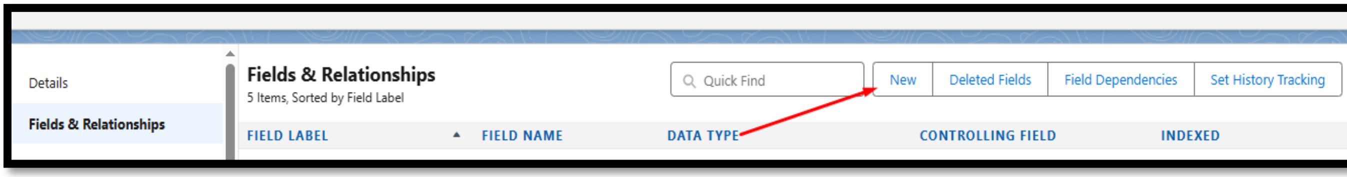
- Click on required check box



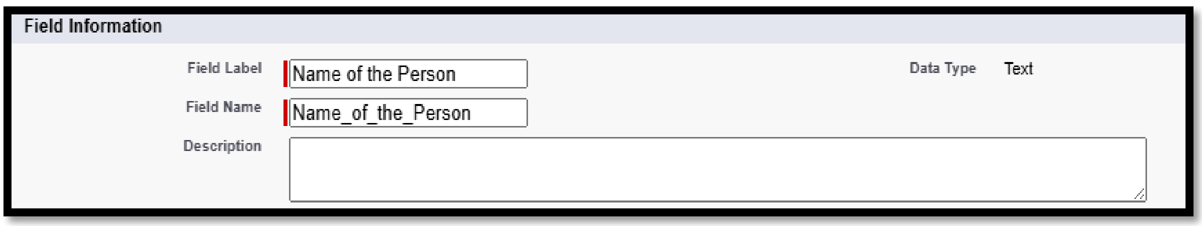
- Click on Next >> Next >> Save and new.

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



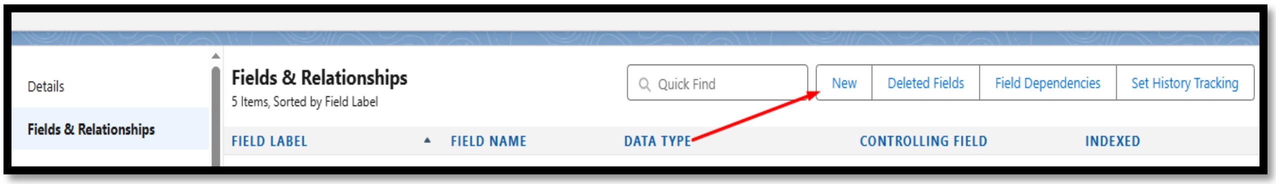
15. Select Data type as a "Text" and Click on Next
16. Fill the Above as following:
    - Field Label : Name of the Person
    - Field Name : Name_of_the_Person



- 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



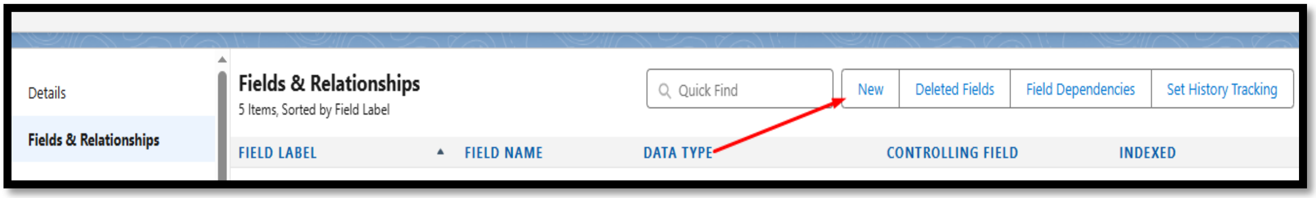
19. Select Data type as a “Phone” and Click on Next
20. Fill the Above as following:

- 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 "Picklist" 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

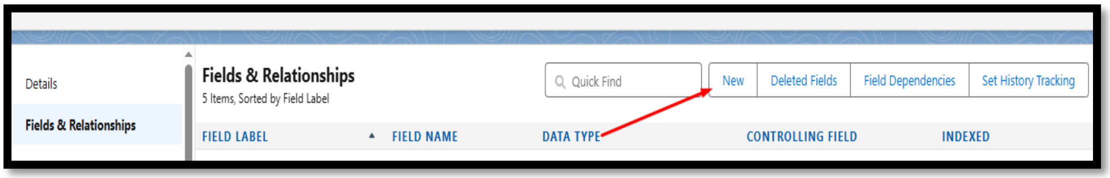
  4

  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:

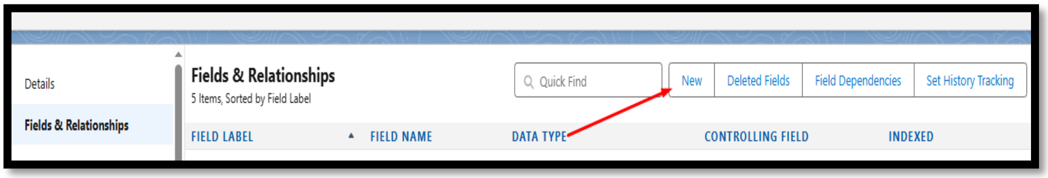
- Field Label : Feedback
- Field Name : Feedback

- 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 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

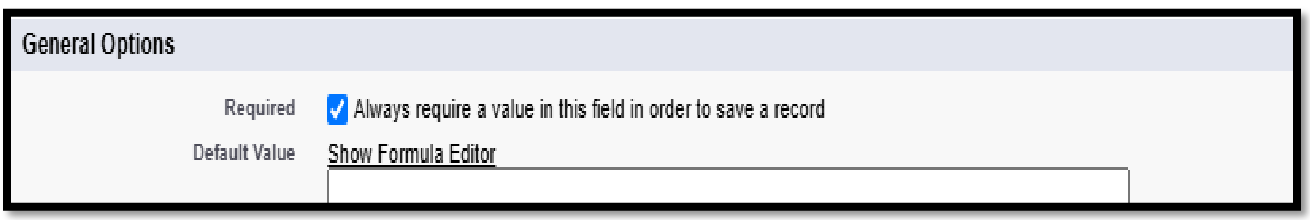
- Click on Next >> Next >> Save and new.

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

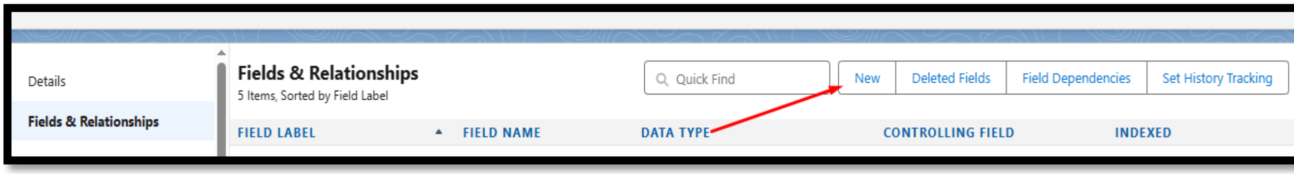
- Click on required check box



- Click on Next >> Next >> Save and new.

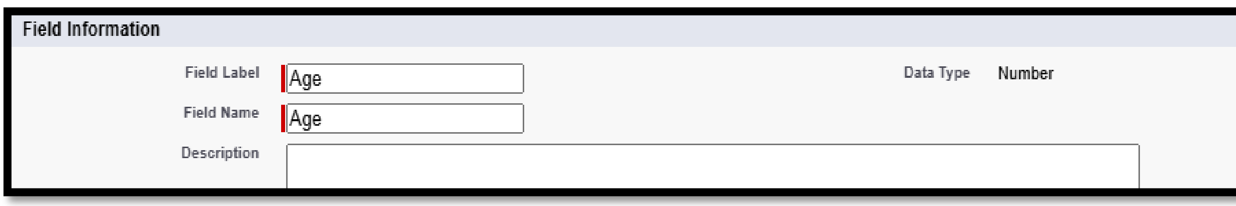
To create another fields in an object:

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

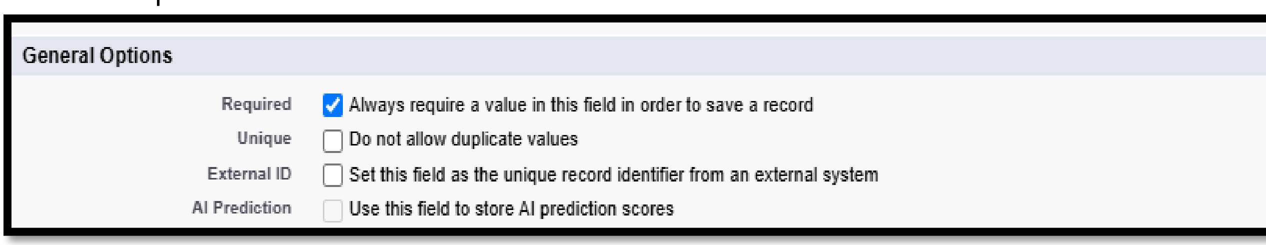


11. Select Data type as a "Number" and Click on Next
12. Fill the Above as following:

- Field Label : Age
- Field Name : Age



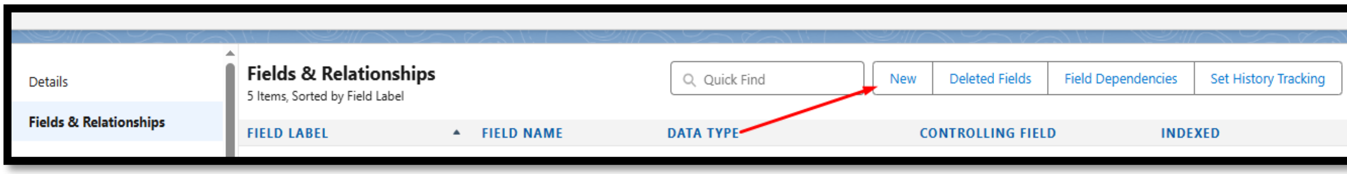
- Click on required check box



- Click on Next >> Next>> Save and new.

To create another fields in an object:

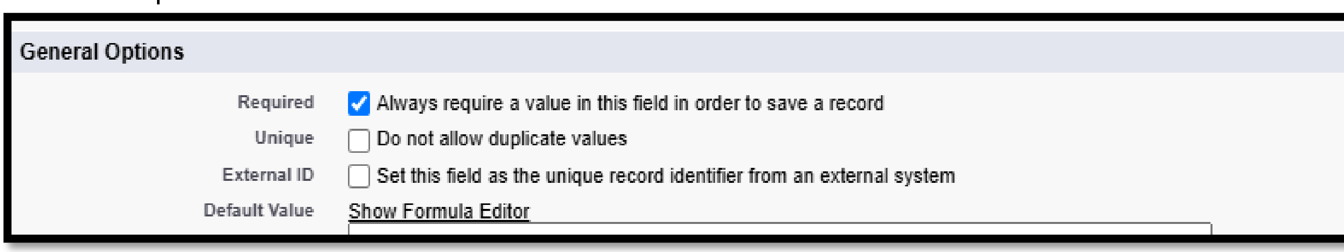
13. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
14. Now click on “Fields & Relationships” >> New



15. Select Data type as a “Email” and Click on Next
16. Fill the Above as following:

- Field Label : Email
- Field Name : Email

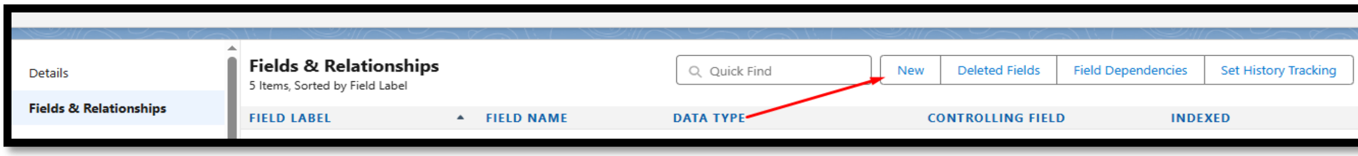
- Click on required check box



- Click on Next>> Next >> Save and new.

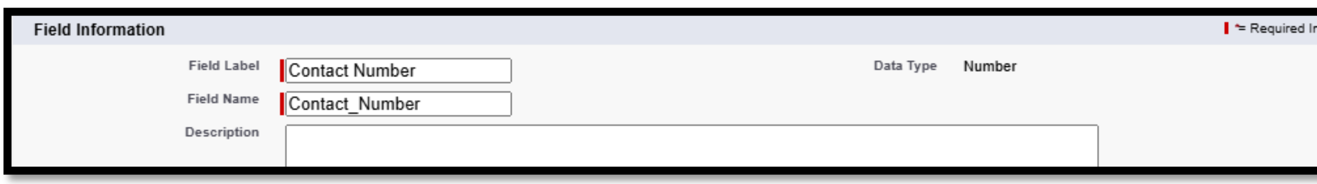
To create another fields in an object:

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

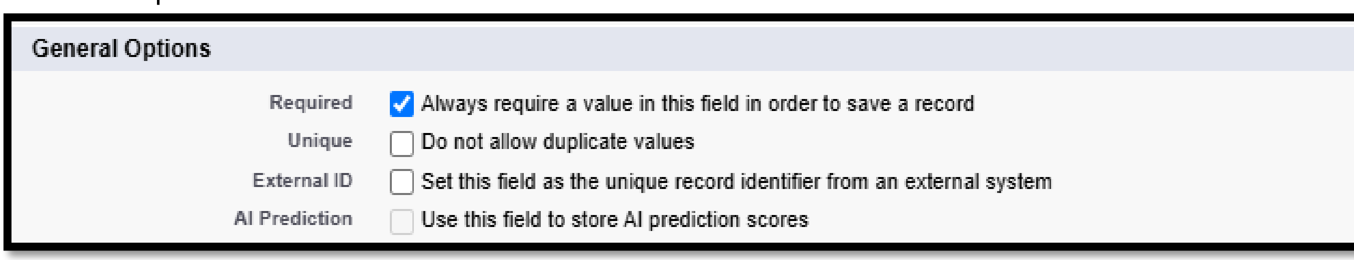


19. Select Data type as a "Number" and Click on Next
20. Fill the Above as following:

- Field Label : Contact Number
- Field Name : Contact_Number



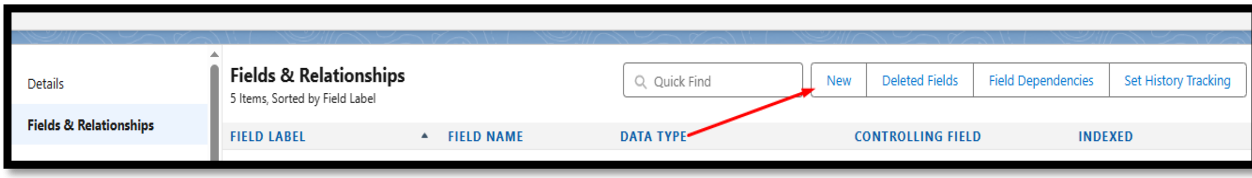
- Click on required check box



- 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



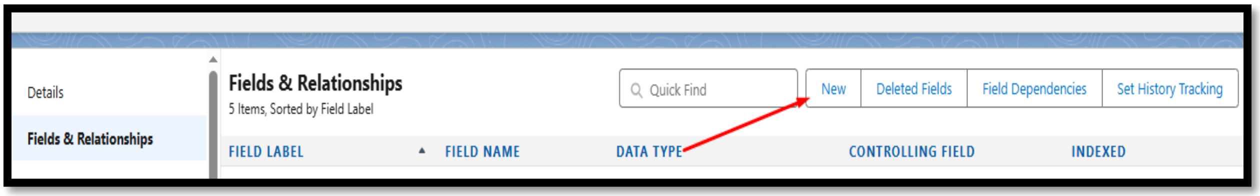
23. Select Data type as a "Long Text Area " and Click on Next
24. Fill the Above as following:

- Field Label : Address
- Field Name : Address

- Click on Next >> Next >> Save and new.

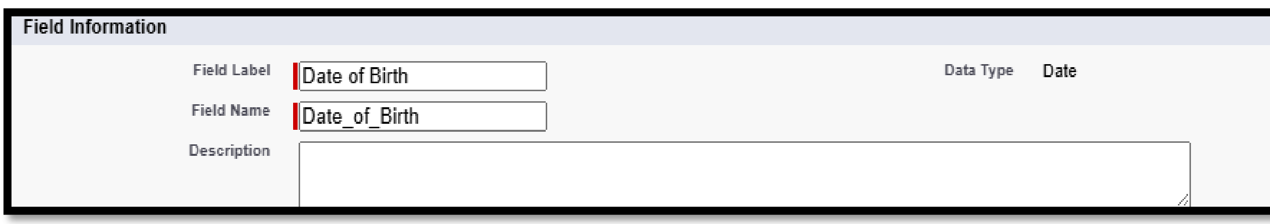
To create another field in an object:

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:

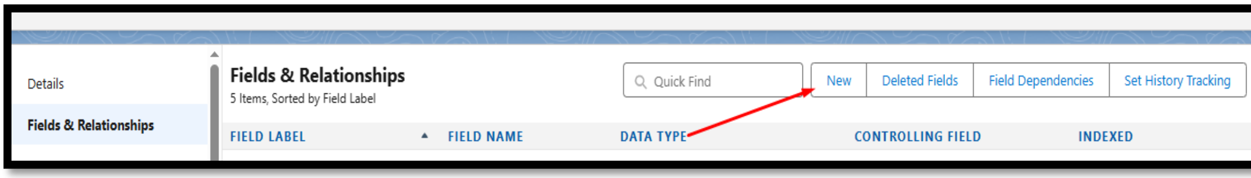
- Field Label : Date of Birth
- Field Name : Date_of_Birth



- Click on Next >> Next >> Save and new.

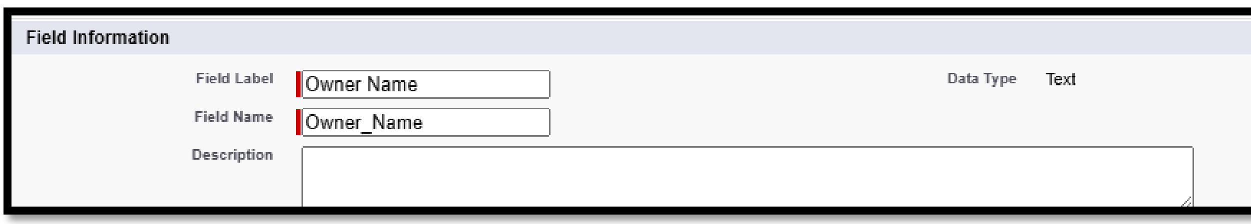
To create another field in an object:

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 "Text" and Click on Next
8. Fill the Above as following:

- Field Label : Owner Name
- Field Name : Owner Name



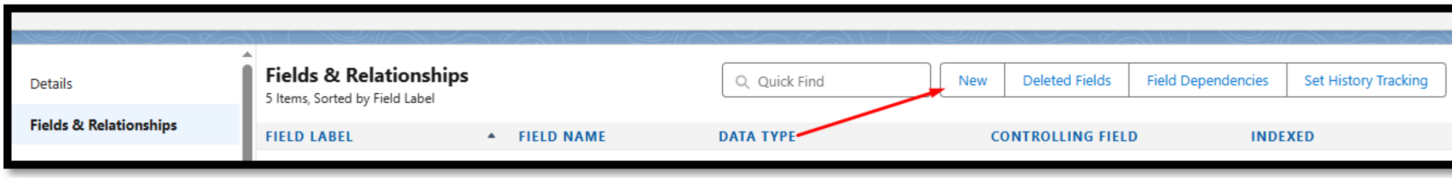
- Length Size: 20

- Click on Next >> Next >> Save

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.

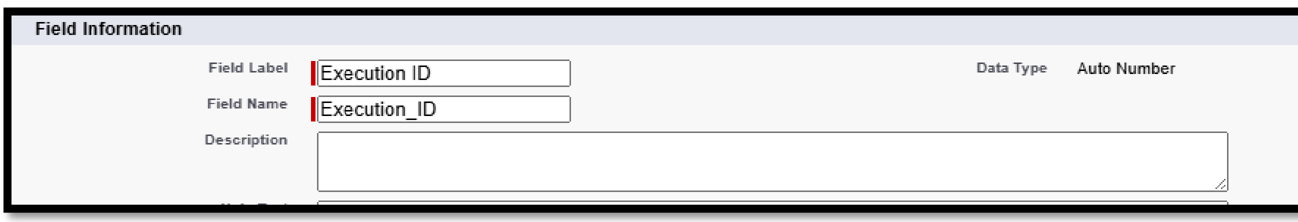
2. Now click on “Fields & Relationships” >> New



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

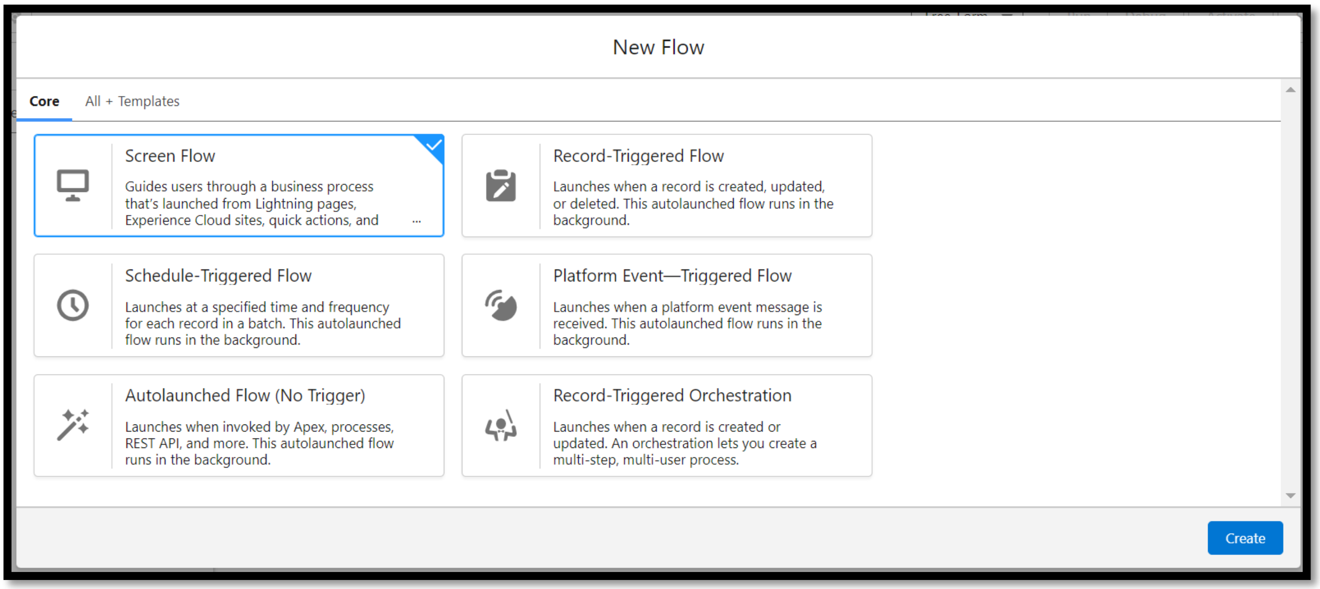


- Click on Next >> Next >> Save and new.

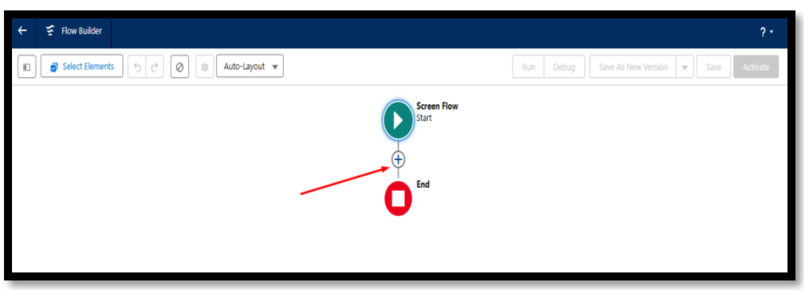
Milestone-06:

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.



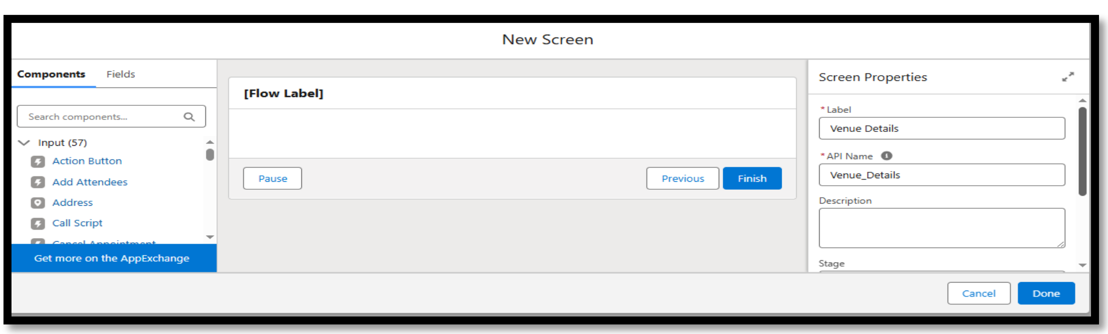
3. Click on the '+' icon in between start and end, and click on screen element.



3. Under the Screen Properties:

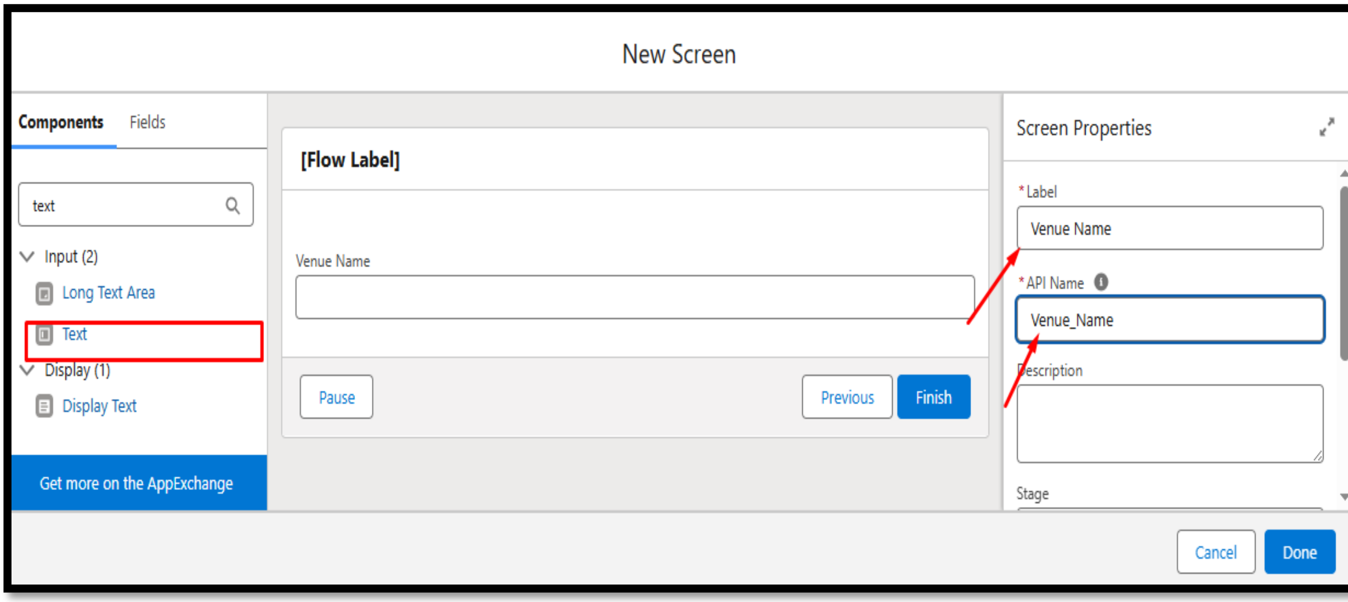
Label : Venue Details

API Name :Venue_Details



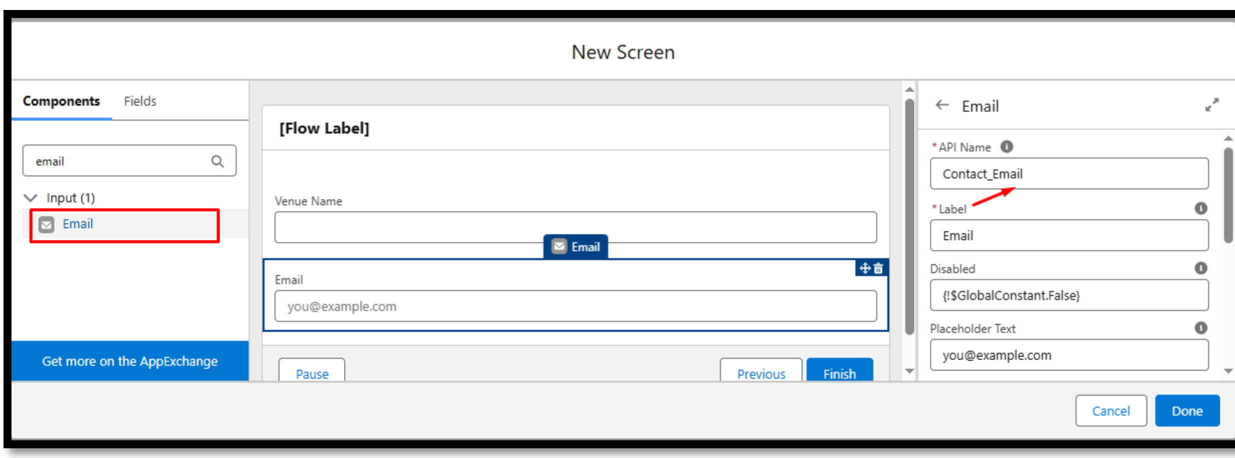
5. Now Lets add components in this flow. Click on Text Component and name it as:

- Label : Venue Name
- API Name : Venue_Name



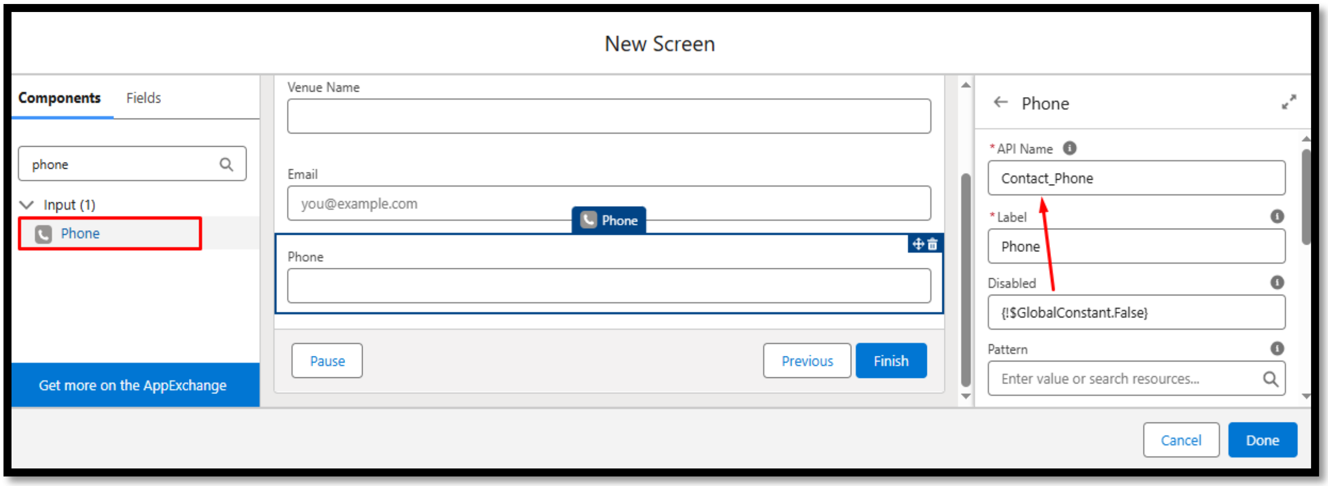
6. Click on Email Component and name it as:

- Label : Email
- API Name : Contact_Email



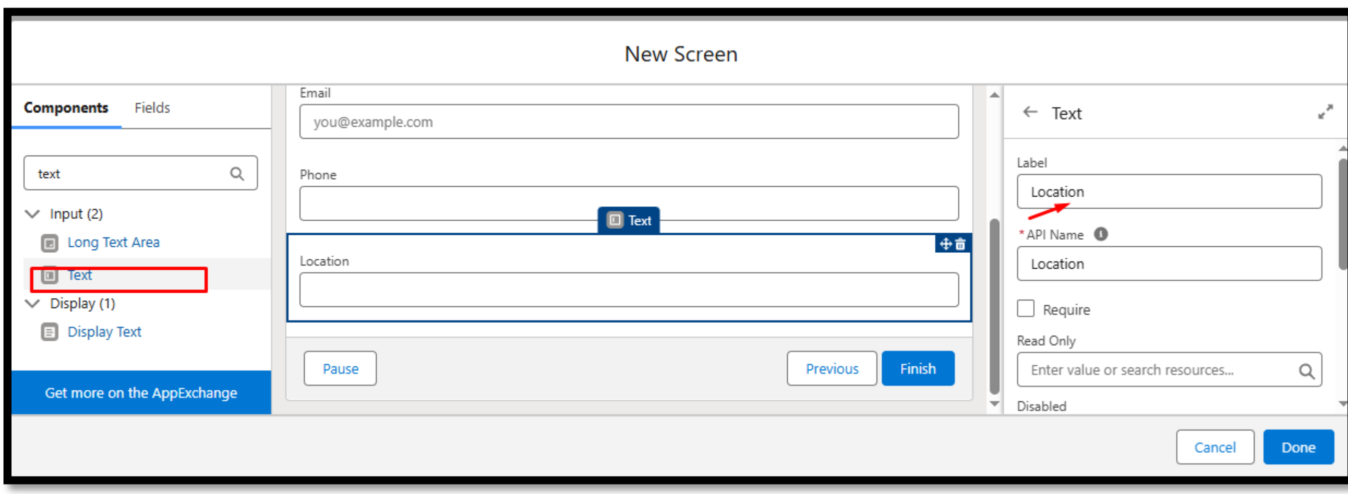
7. Click on Phone Component and name it as:

- Label : Phone
- API Name : Contact_Phone



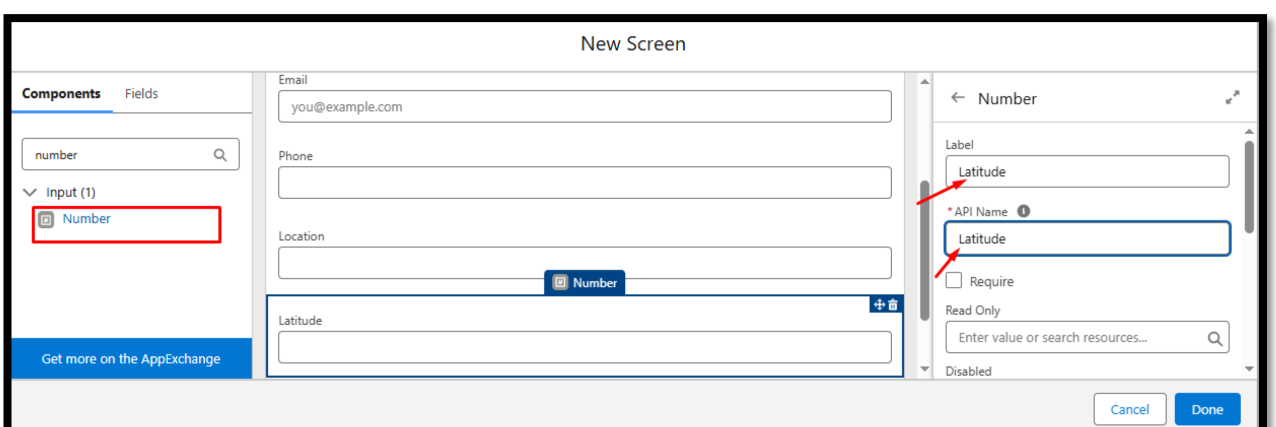
8. Click on Text Component and name it as:

- Label : Location
- API Name : Location



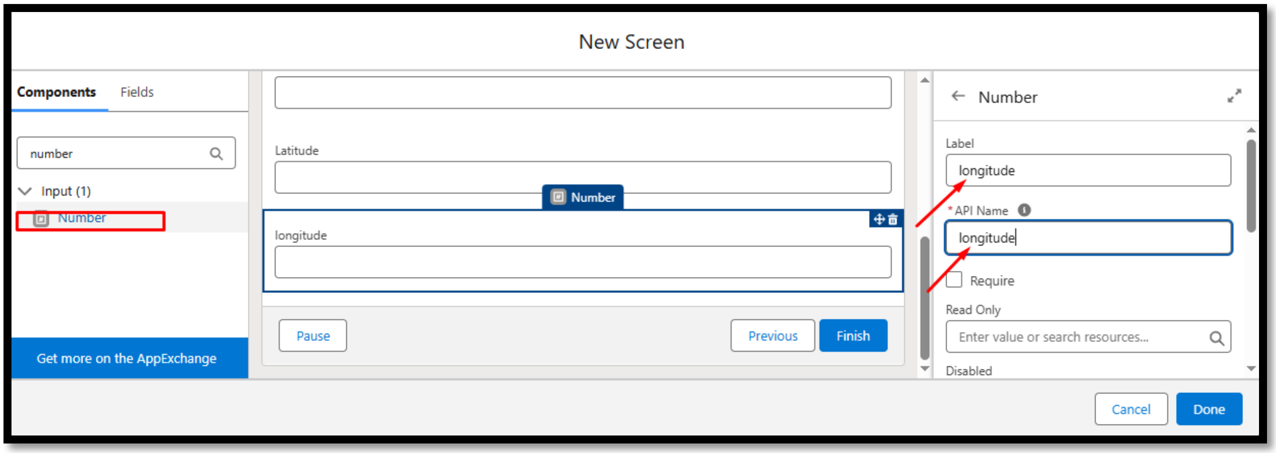
9. Click on Number Component and name it as:

- Label : Latitude
- API Name : Latitude

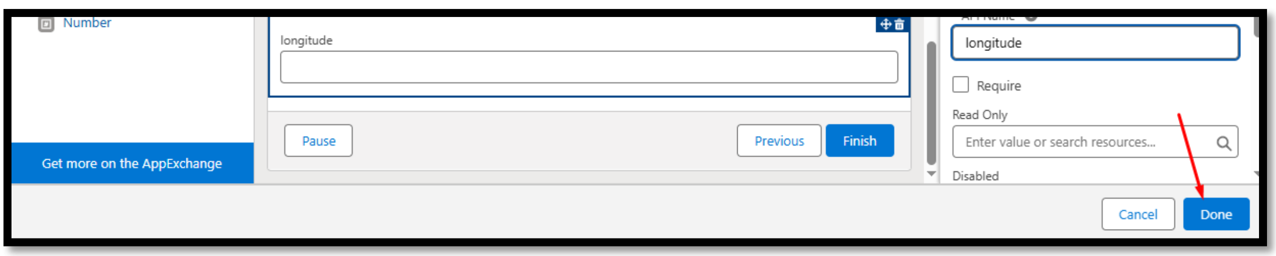


10. Click on Number Component and name it as:

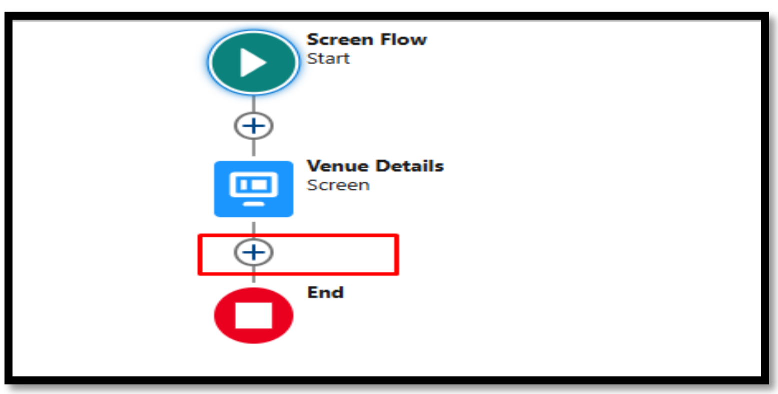
- Label : longitude
- API Name : longitude



Next click on Done. This would like below.

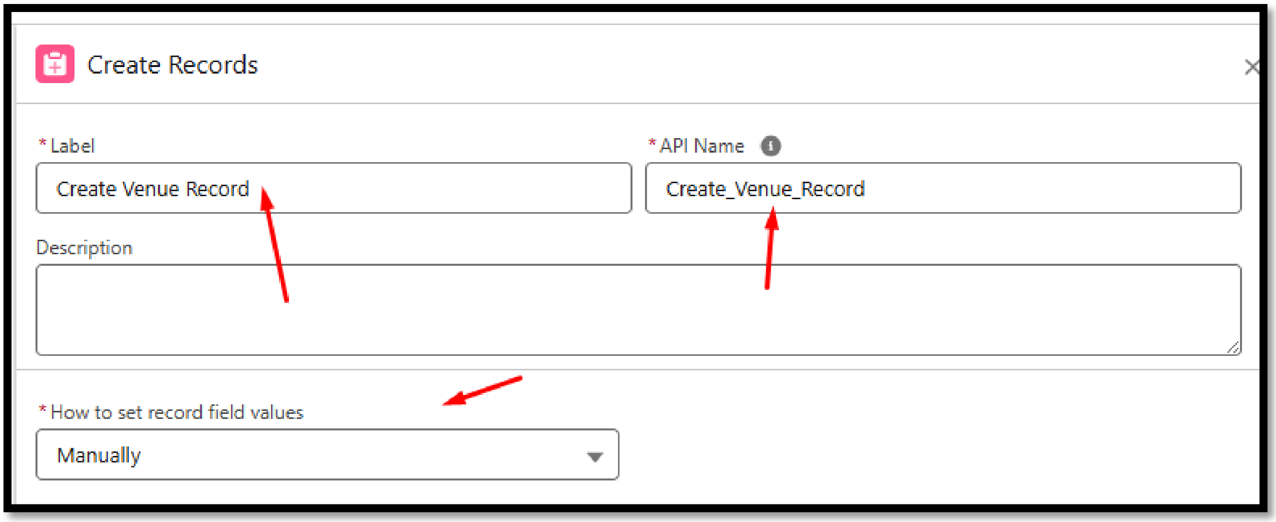


12. Click on the '+' icon in between Venue details and end, and click on create record element.

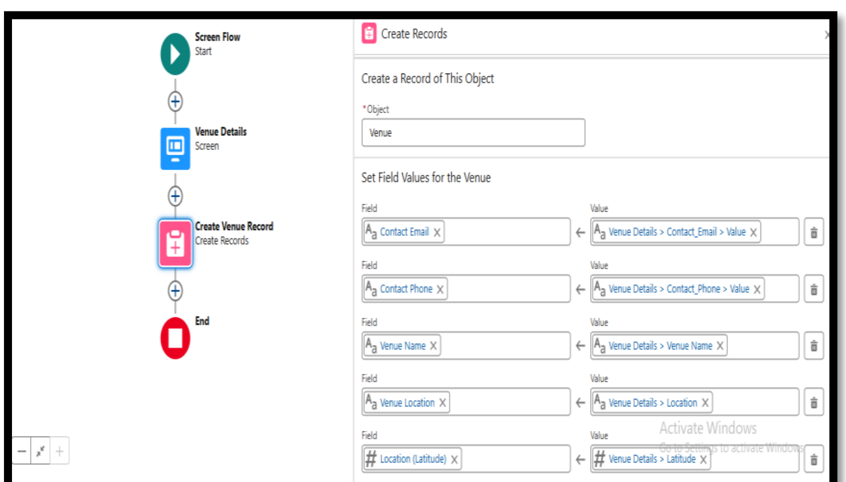


13. Now label it as

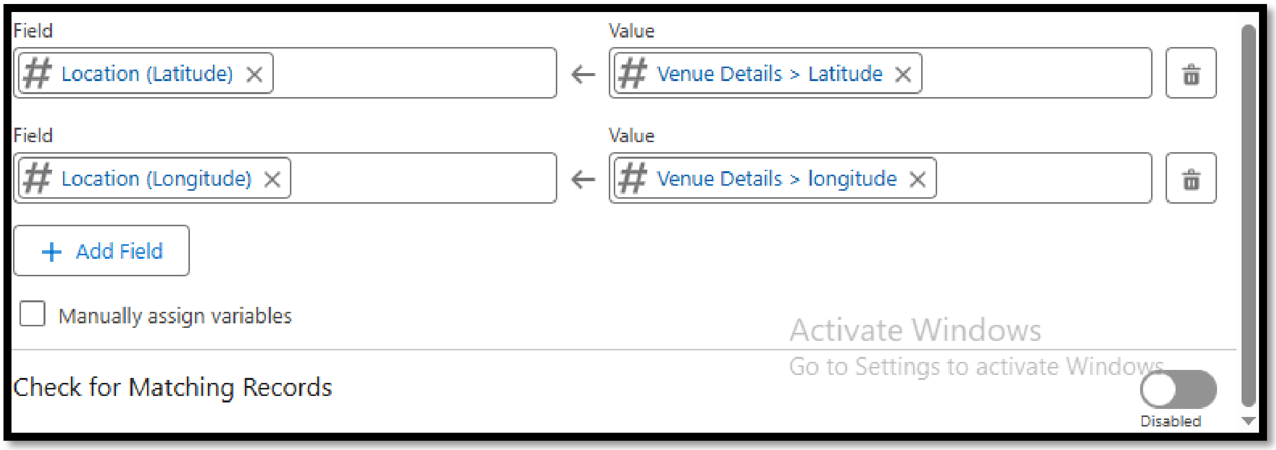
- Label : Create Venue Record
- API Name : Create_Venue_Record
- Set field values: Manually



- 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}



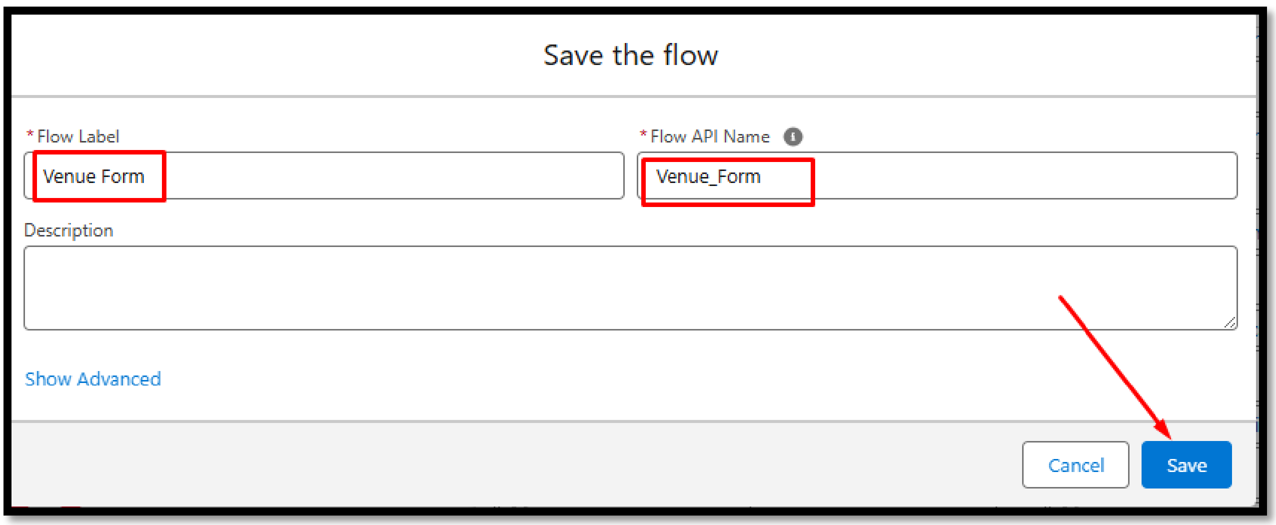
- Field : Value = Location__Longitude__s : {!longitude}



15. Click on Save :

    Flow Label :Venue Form

    Flow API Name :Venue_Form

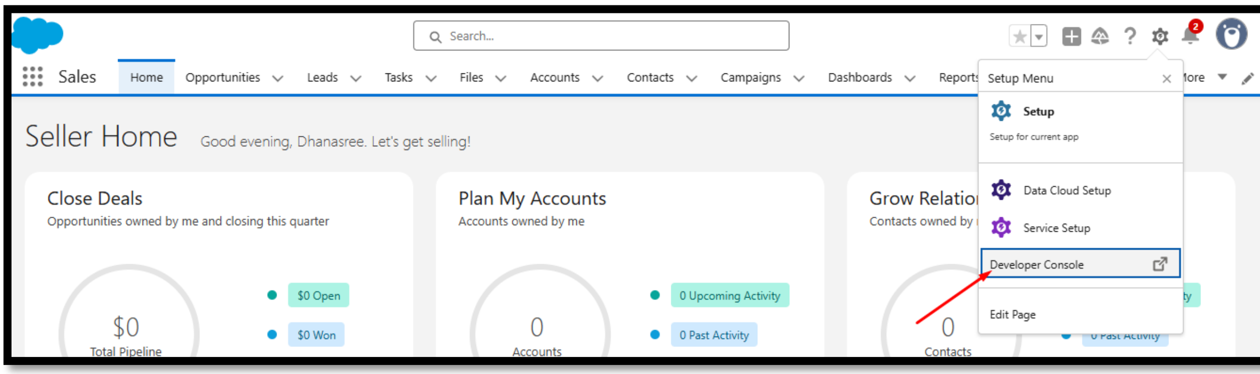


Milestone-07

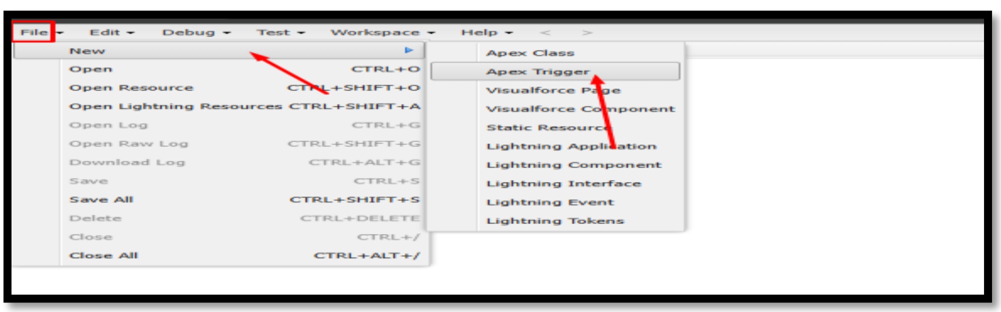
Trigger

Create a Trigger

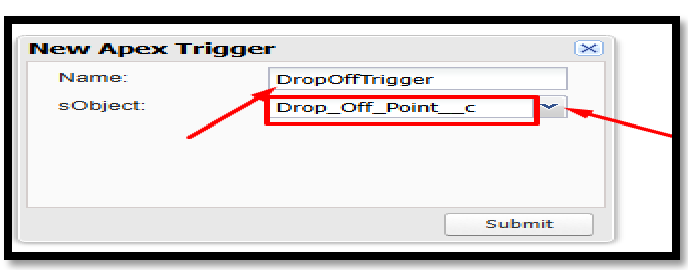
1. Log into the trailhead account, navigate to the gear icon in the top right corner.
2. Click on developer console and you will be navigated to a new console window.



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.



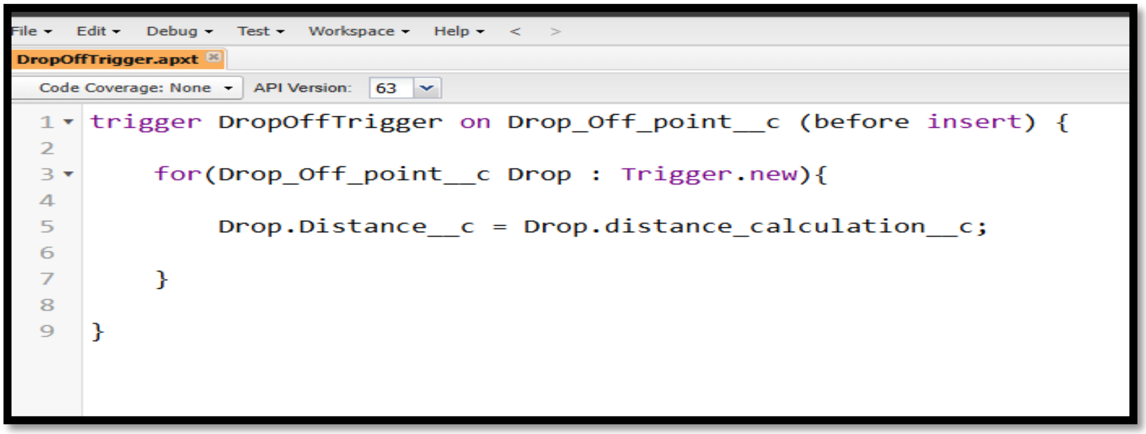
5. Enter Name : DropOffTrigger
   - sObject: Drop-Off Point
6. Click on Submit.



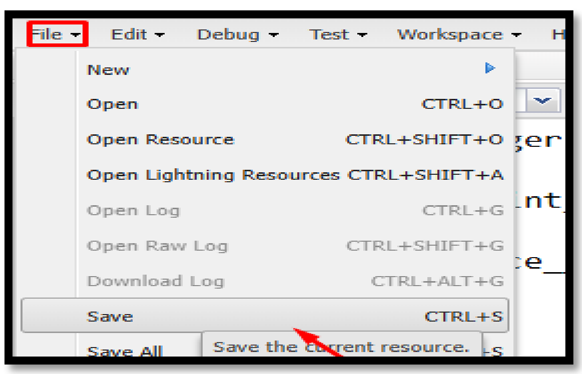
Trigger Code

Code:

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



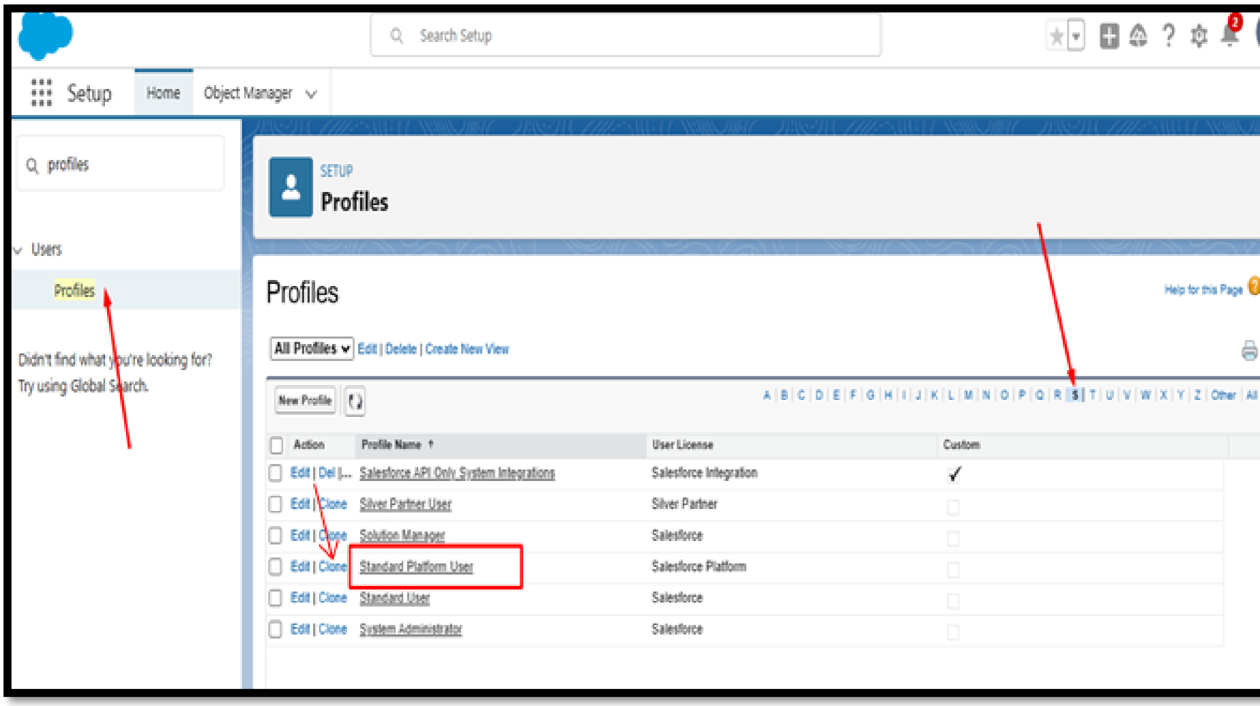
- Click on file then select save option.



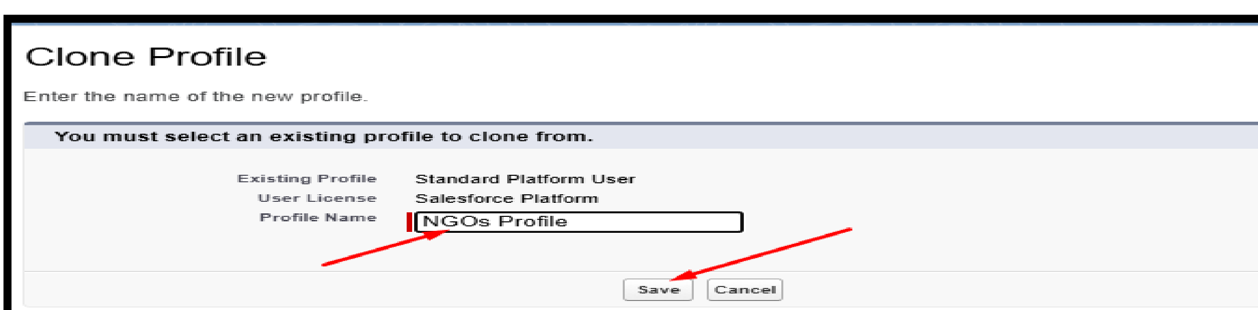
Milestone-08

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.



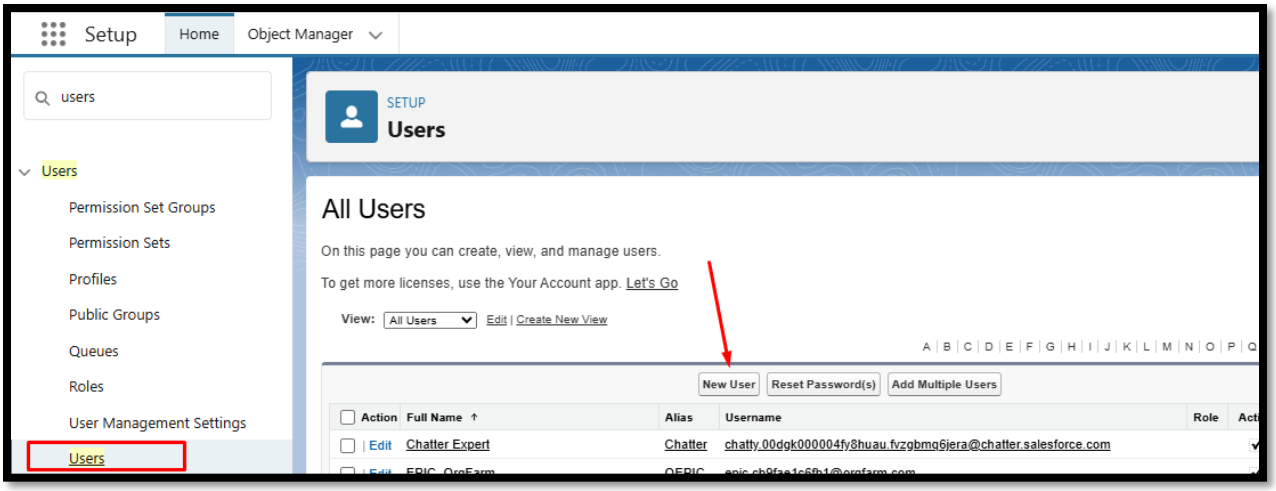
1. Under Clone Profile:
   a. Profile Name : NGOs Profile
2. Then click on Save



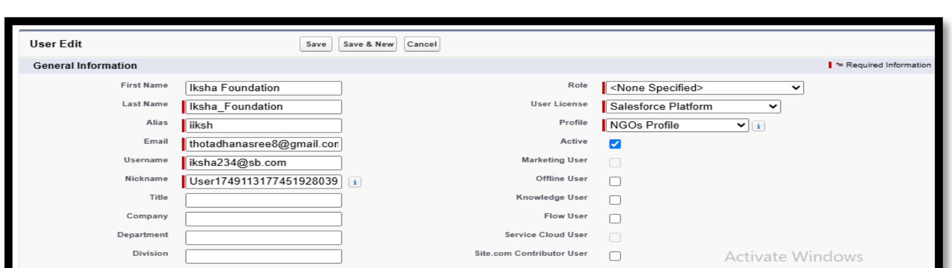
Milestone-09

Creation of Users

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)

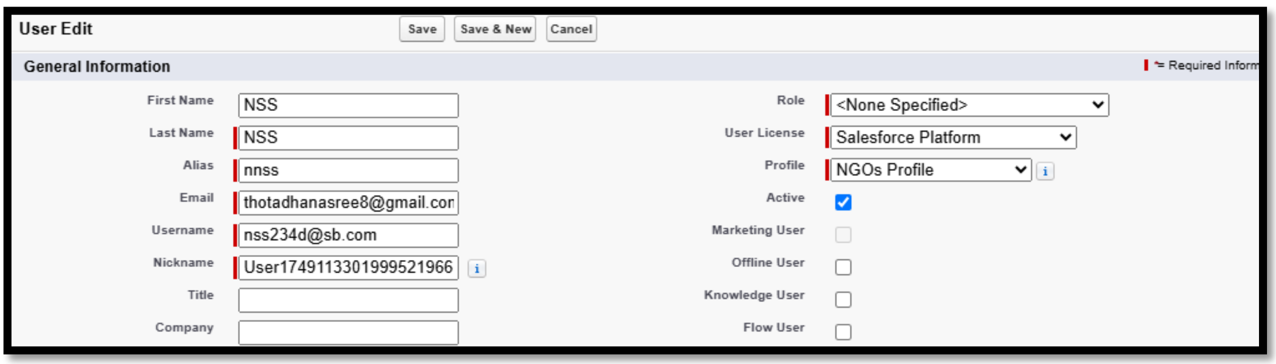


- First Name : Iksha Foundation
- Last Name : Iksha_Foundation
- Alias : iiksh
- Email : jagadeeshmanasa90@gmail.com
- Username : iksha234@sb.com
- Nickname : Auto Populated
- User License : Salesforce Platform
- Profile : NGOs Profile
- Active : Check
- ClickSave



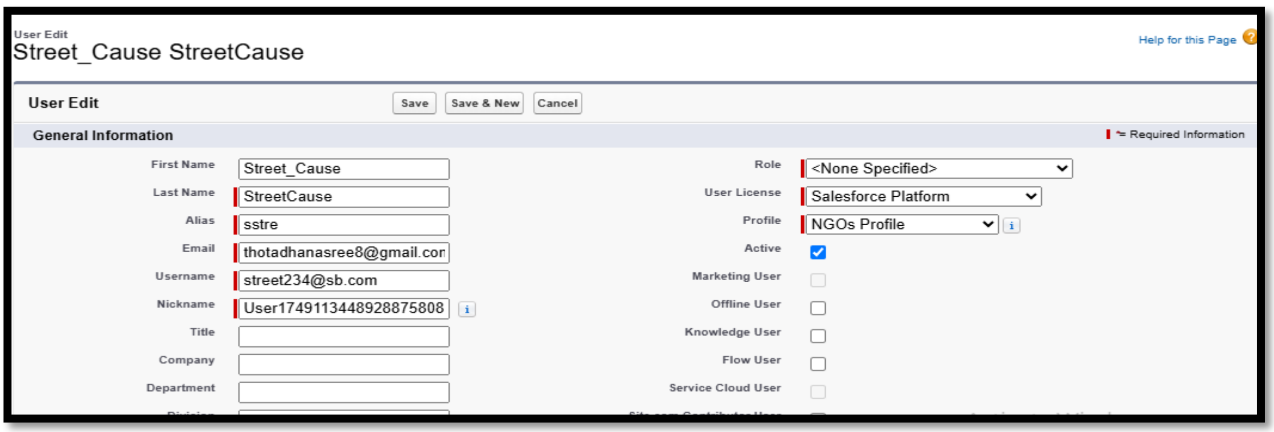
Creation ofUser2:

- First Name : NSS
- Last Name : NSS
- Alias : nnss
- Email : jagadeeshmanasa90@gmail.com
- Username : nss234d@sb.com
- Nickname : Auto Populated
- User License : Salesforce Platform
- Profile : NGOs Profile
- Active : Check
- Click Save



Creation ofUser3:

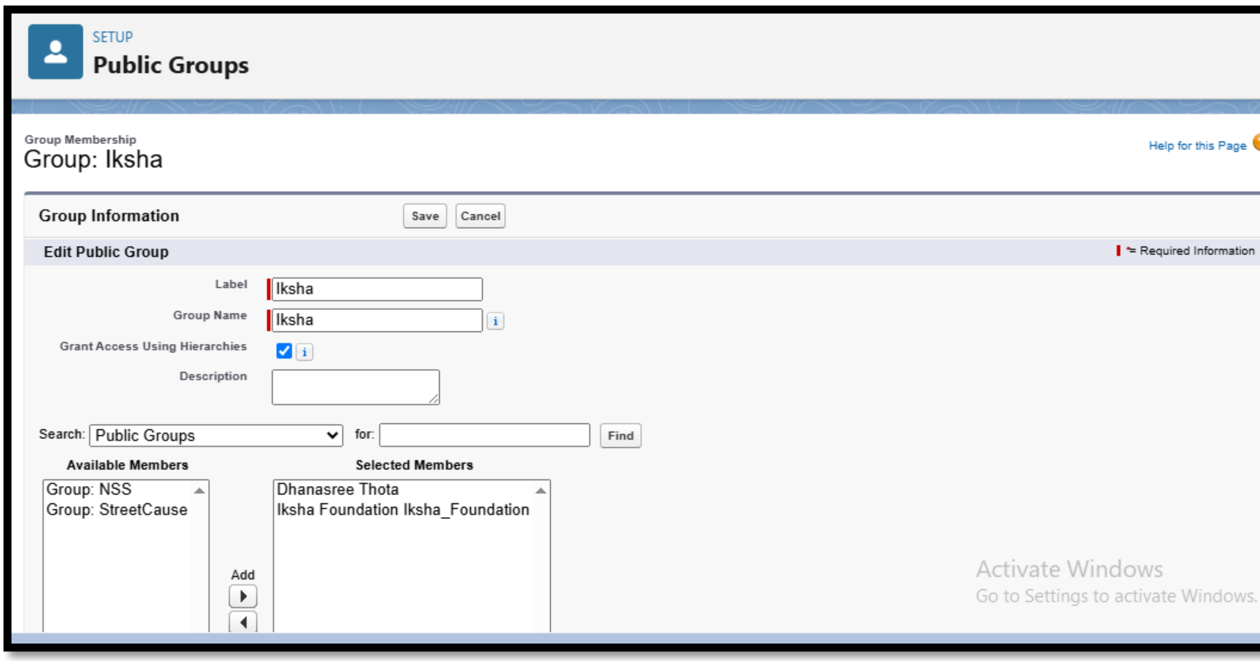
- First Name : Street_Cause
- Last Name : StreetCause
- Alias : sstre
- Email : jagadeeshmanasa90@gmail.com
- Username : street234@sb.com
- Nickname : Auto Populated
- User License : Salesforce Platform
- Profile : NGOs Profile
- Active : Check
- Click Save



Milestone-10

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 : Iksha
    - Group Name : Iksha
    - Grant Access Using Hierarchies : Check
3. In Search, Select Users.
4. In Selected Members Add Iksha Foundation and System Administrator



Creation of Public Group 2

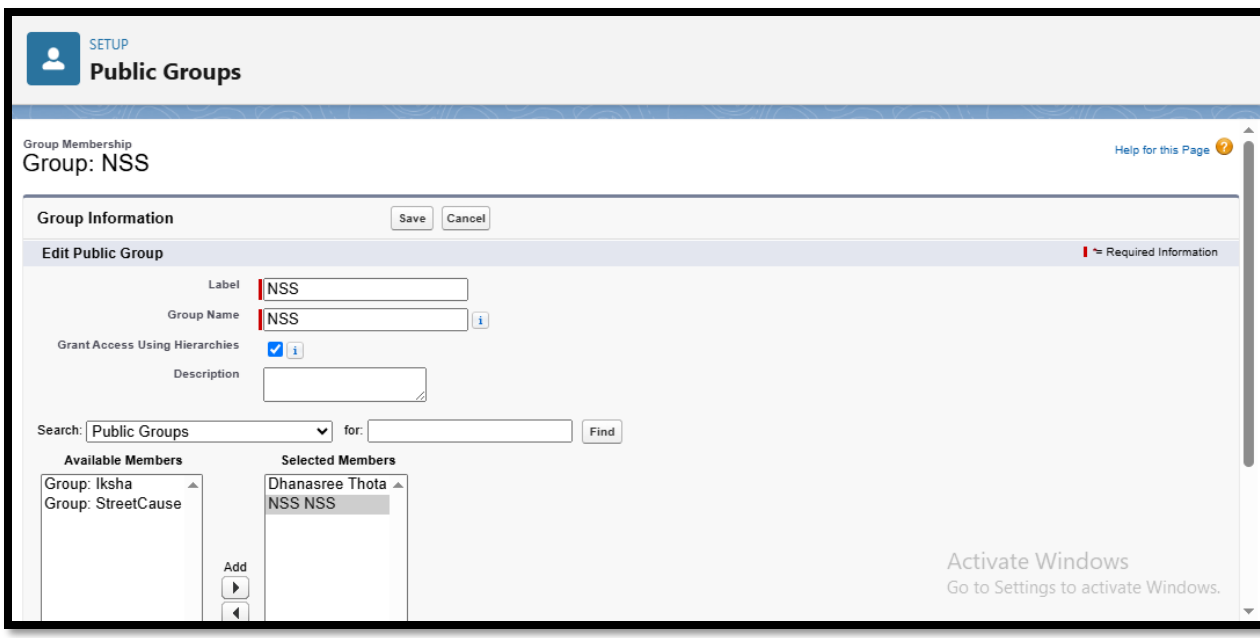
1. Go to setup page >> type Public Groups in Quick Find bar >> click on Public Groups >> click on New.
2. Under Group Information:

   Label : NSS

   Group Name : NSS

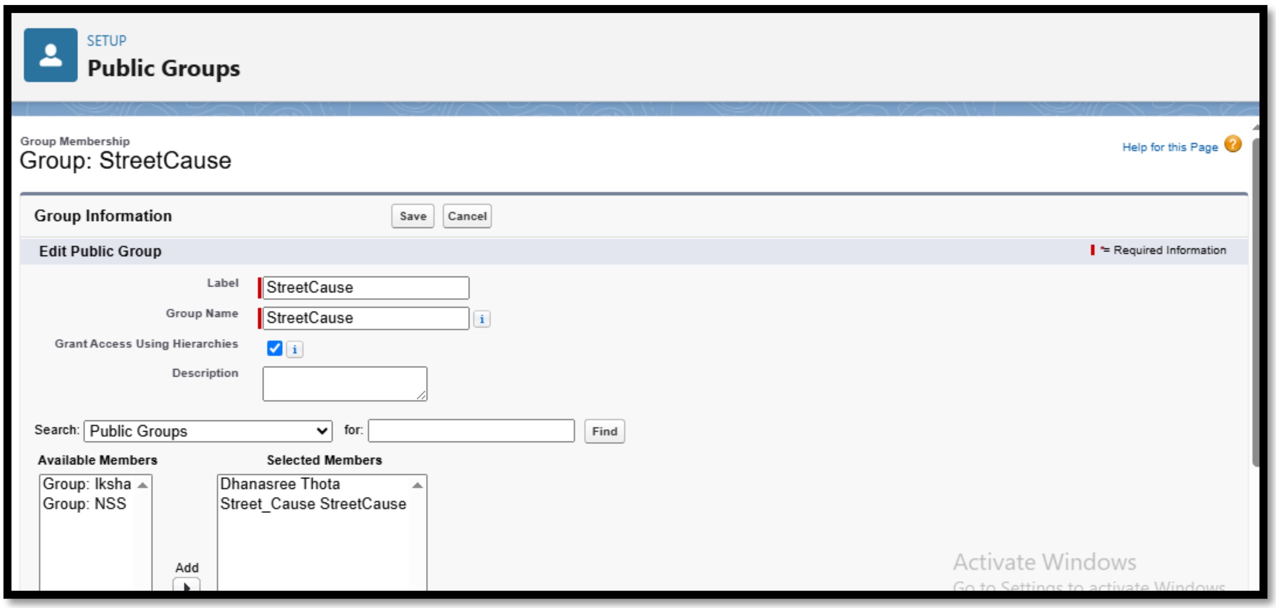
   Grant Access Using Hierarchies : Check

3. In Search, Select Users.
4. In Selected Members Add NSS NSS and System Administrator

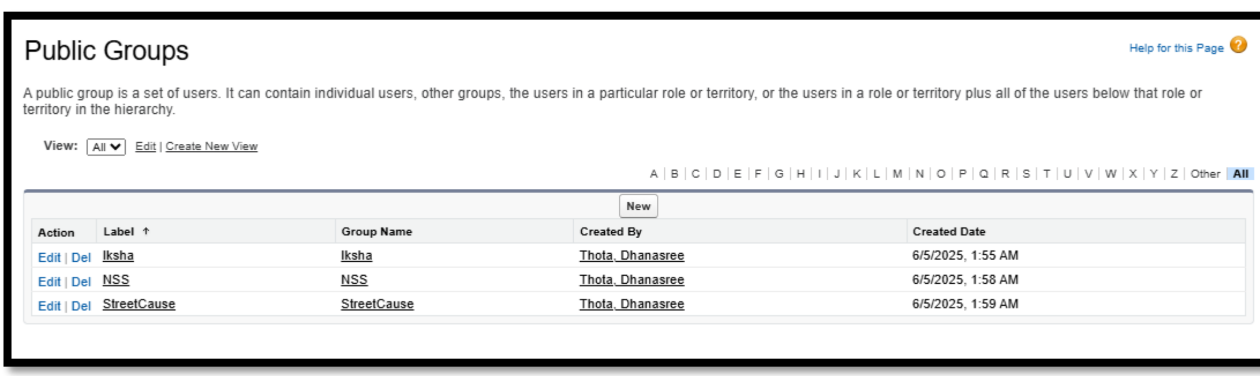


Creation of Public Group 3

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



1. After Saving this would look like this.

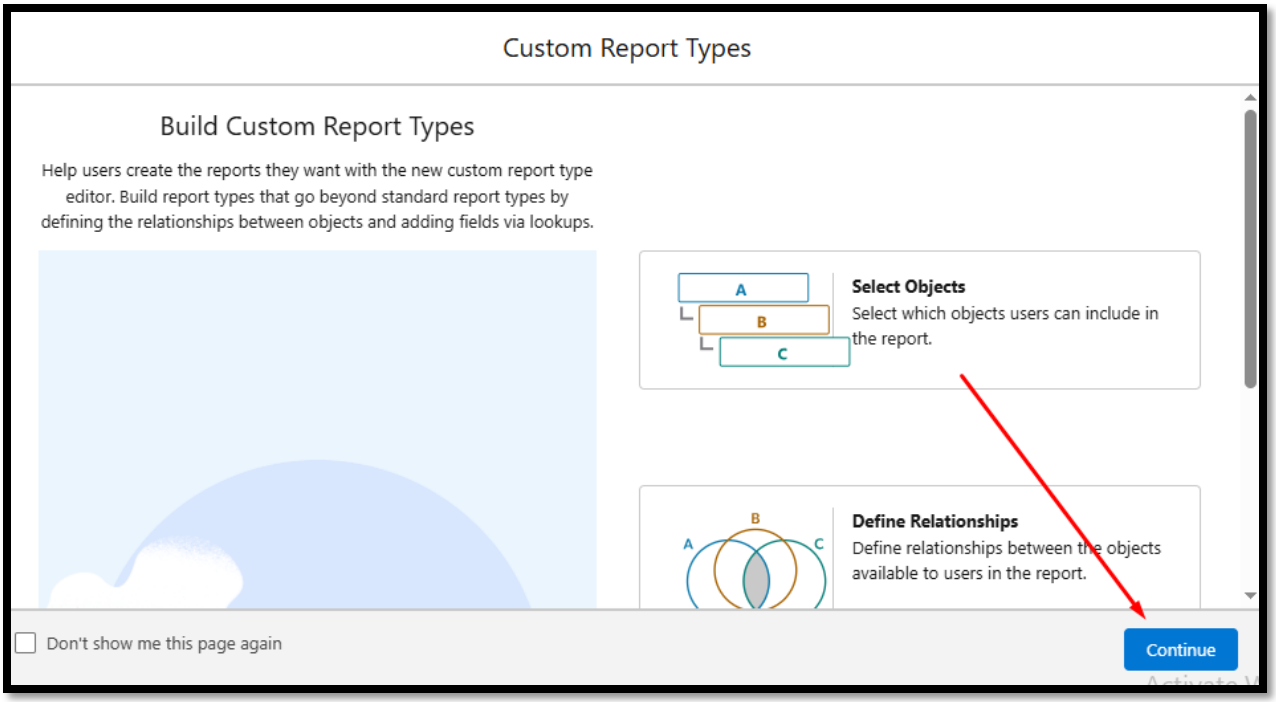


Milestone-11

Report Types

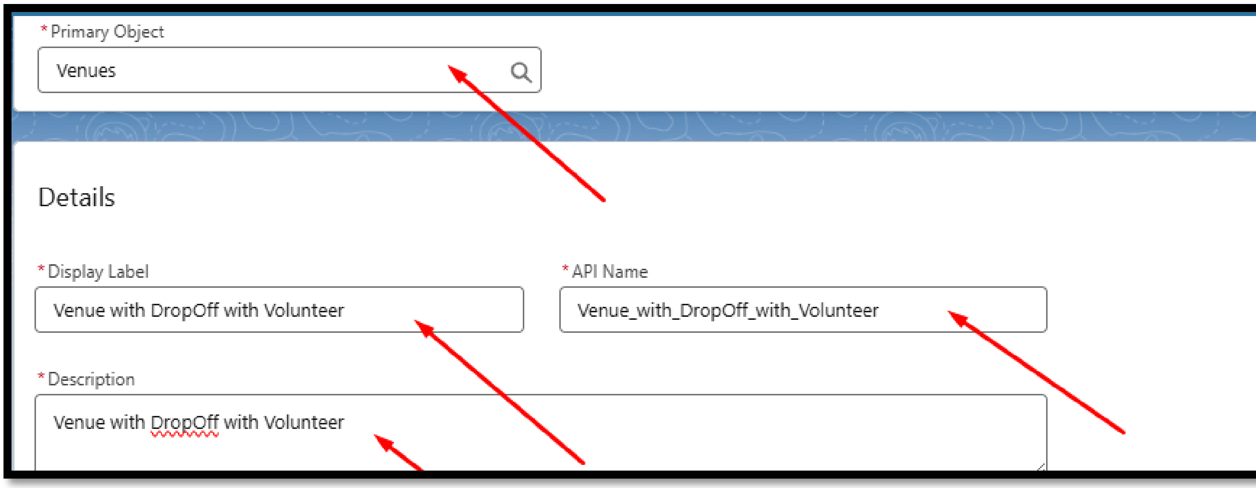
Creation of Report Types

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.



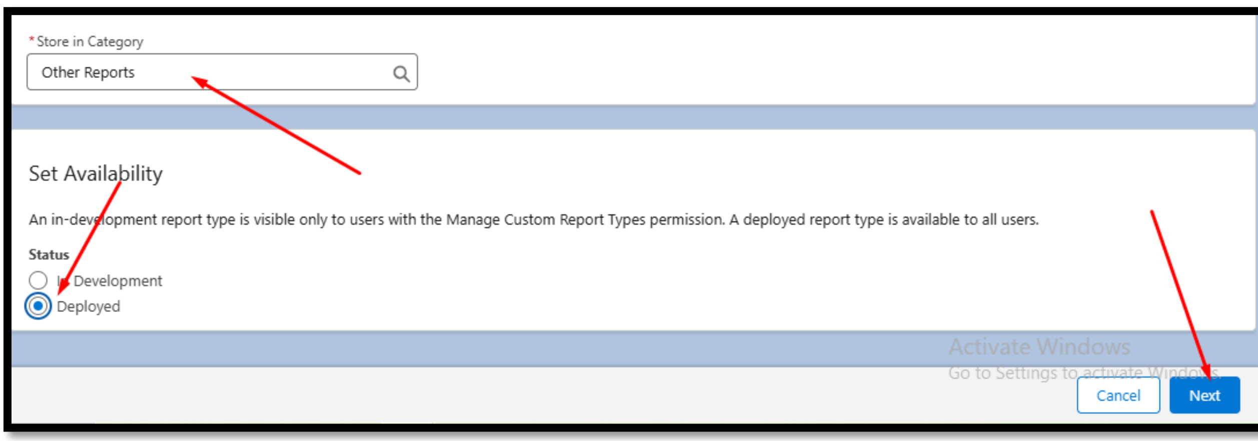
2. In Define the Custom Report Type:

- 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

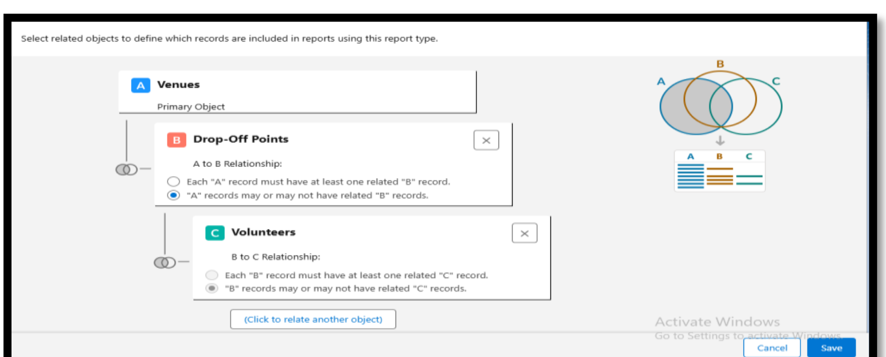


- Store in Category : Select Other Reports
- Deployment Status : Deployed

3. Click on Next



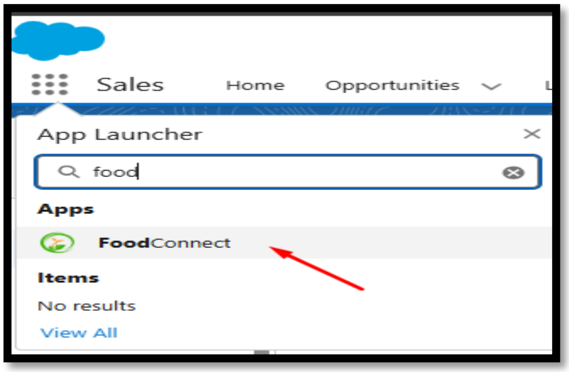
4. Near Click to relate another Object Select Drop-Off Points.
5. And also select "A" records may or may not have related "B" records.
6. Now again Near Click to relate another Object Select Volunteers.
7. Now click on Save.



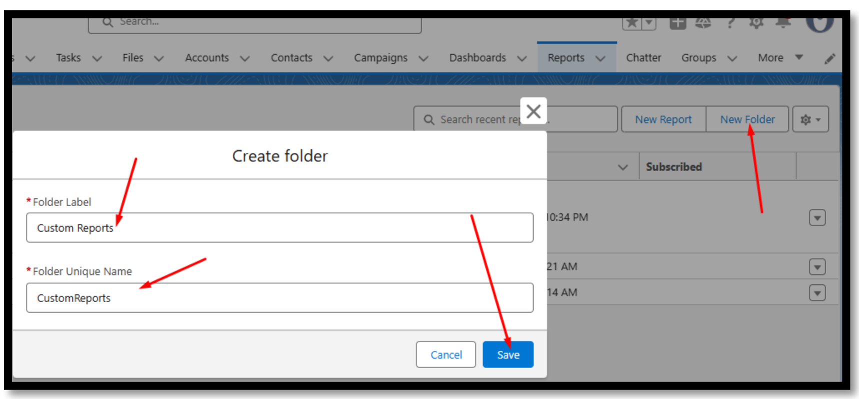
Milestone-12

Creation of Report on Venue with DropOff with Volunteer

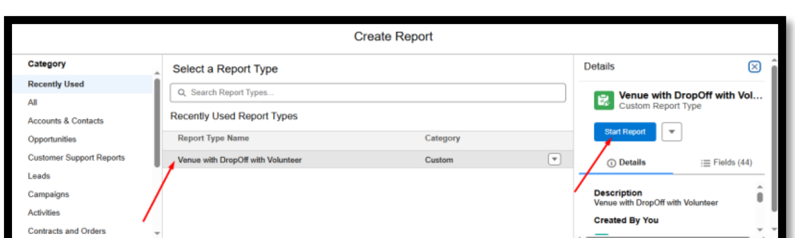
1. Go to the app(FoodConnect)



2. click on the reports tab
3. Click on New Folder.
   - Folder Label : Custom Reports
   - Folder Unique Name : CustomReports



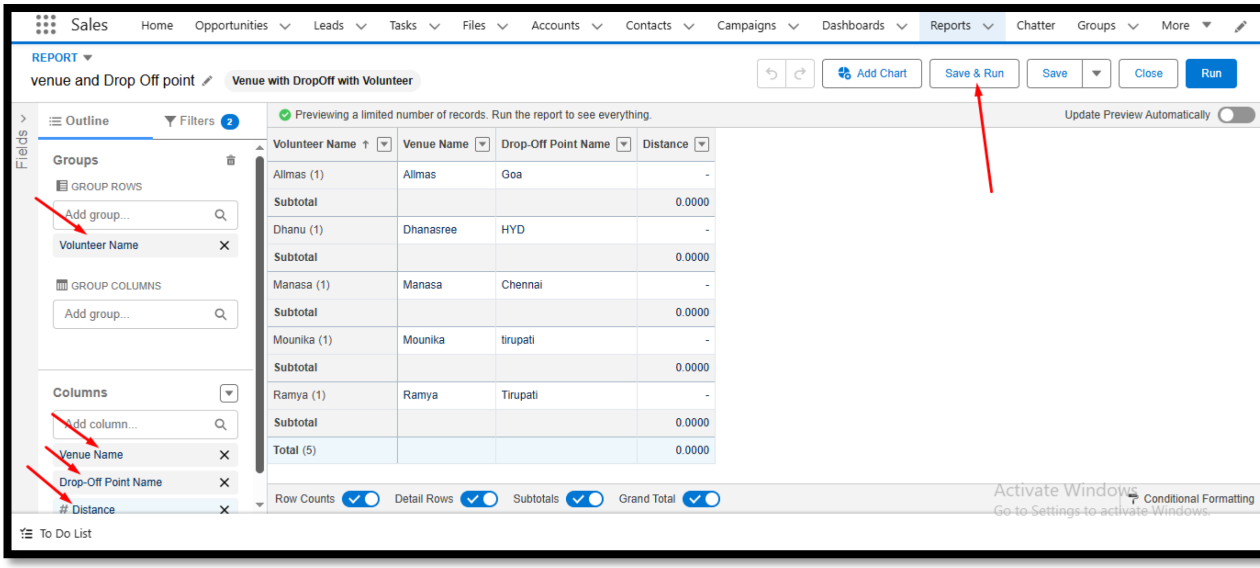
3. Open Custom Reports and click on New Report
4. Select Report Type : Venue with DropOff with Volunteer
5. Then click on Start Report.



6. In GROUP ROWS : Add Volunteer Name

7. In Columns : Add Venue Name, Drop-Off point Name, Distance.

8. Now click on Save & Run.



8. Give Label as :

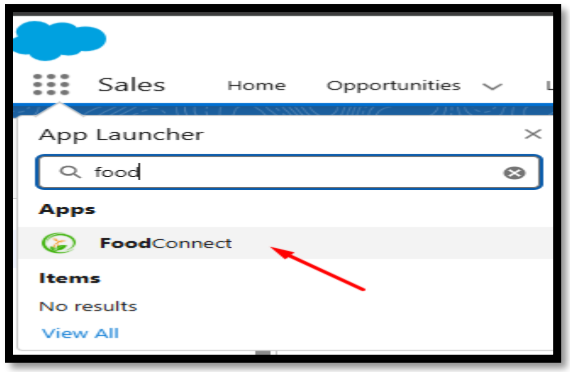
9. Report Name : venue and Drop Off point

10. Report Unique Name : Auto Populated

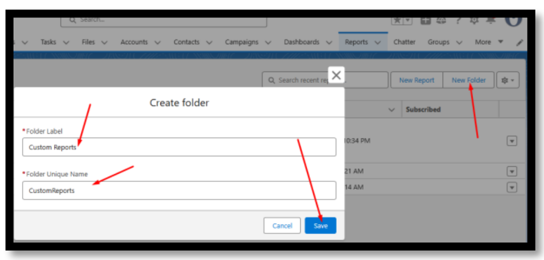
11. Click on Select Folder and select Custom Report, then click on Save.

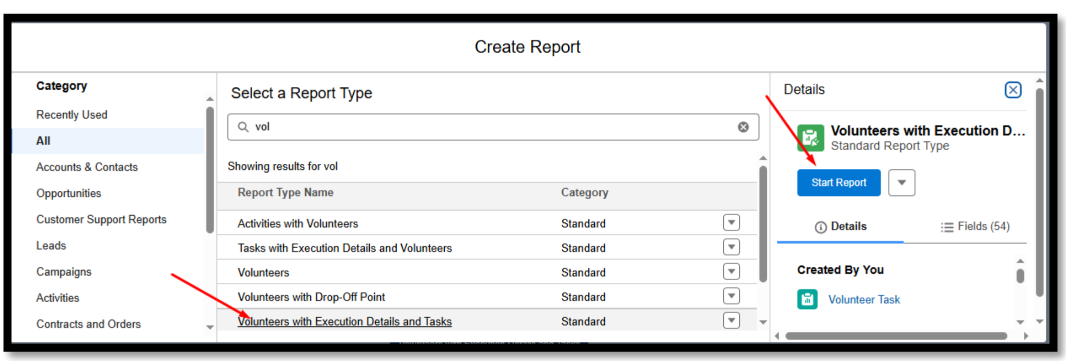
Creation of Report on Volunteers with Execution Details and Tasks

1. Go to the app(FoodConnect) >> click on the reports tab



1. Click on Custom Reports Folder and click on New Report
2. Select Report Type : Volunteers with Execution Details and Tasks.
3. Then click on Start Report.



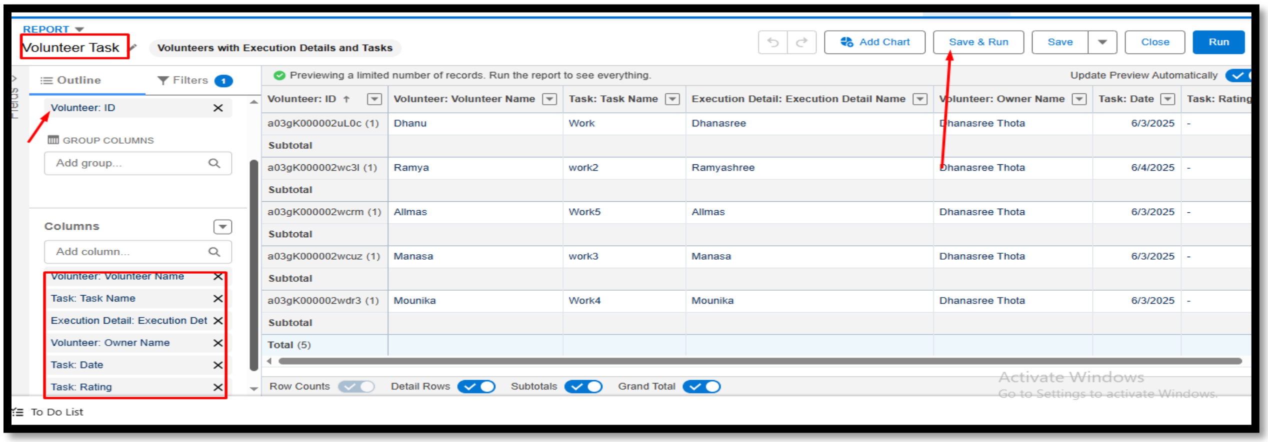


1. Then click on Start Report.
2. In GROUP ROWS : Volunteer ID
3. In Columns : Add Volunteer : Volunteer Name, Task : Task Name, Execution Detail : Execution Detail Name, Volunteer: Owner Name, Task: Date, Task : Rating.
4. Now click on Save & Run.

5. Give Label as :

    - Report Name : Volunteer Task
    - Report Unique Name : Auto Populated

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

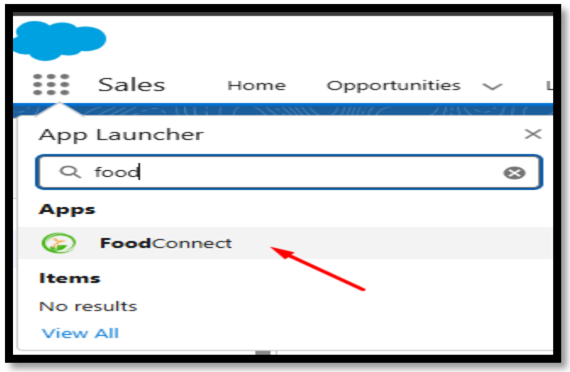


Milestone-13

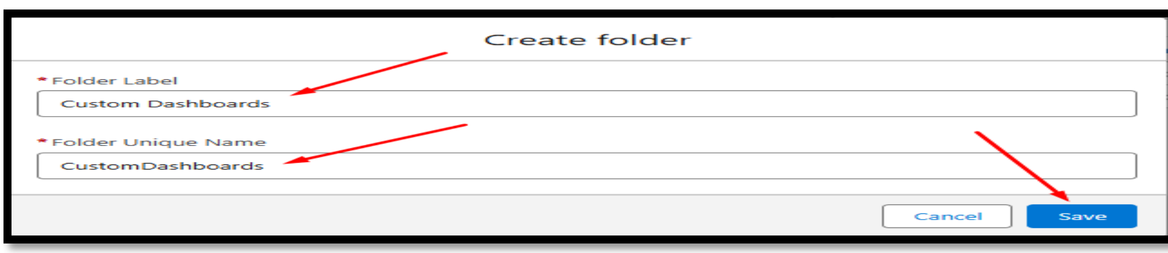
Dashboards

Adding venue and Drop Off point Report to the Dashboard:

1. Go to the app(FoodConnect) >> click on the Dashboards tab.

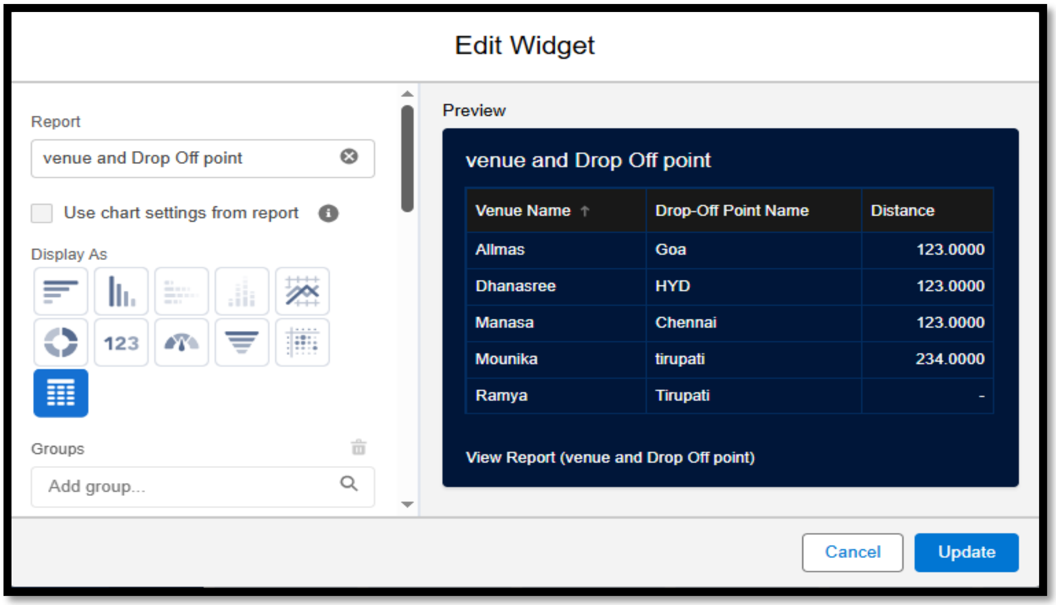


2. Click on New Folder.
    - Folder Label : Custom Dashboards
    - Folder Unique Name : Auto Populated



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

- In Add Component:
    - Display As : Select Lightning Table
    - Component Theme : Select Dark (Optional)

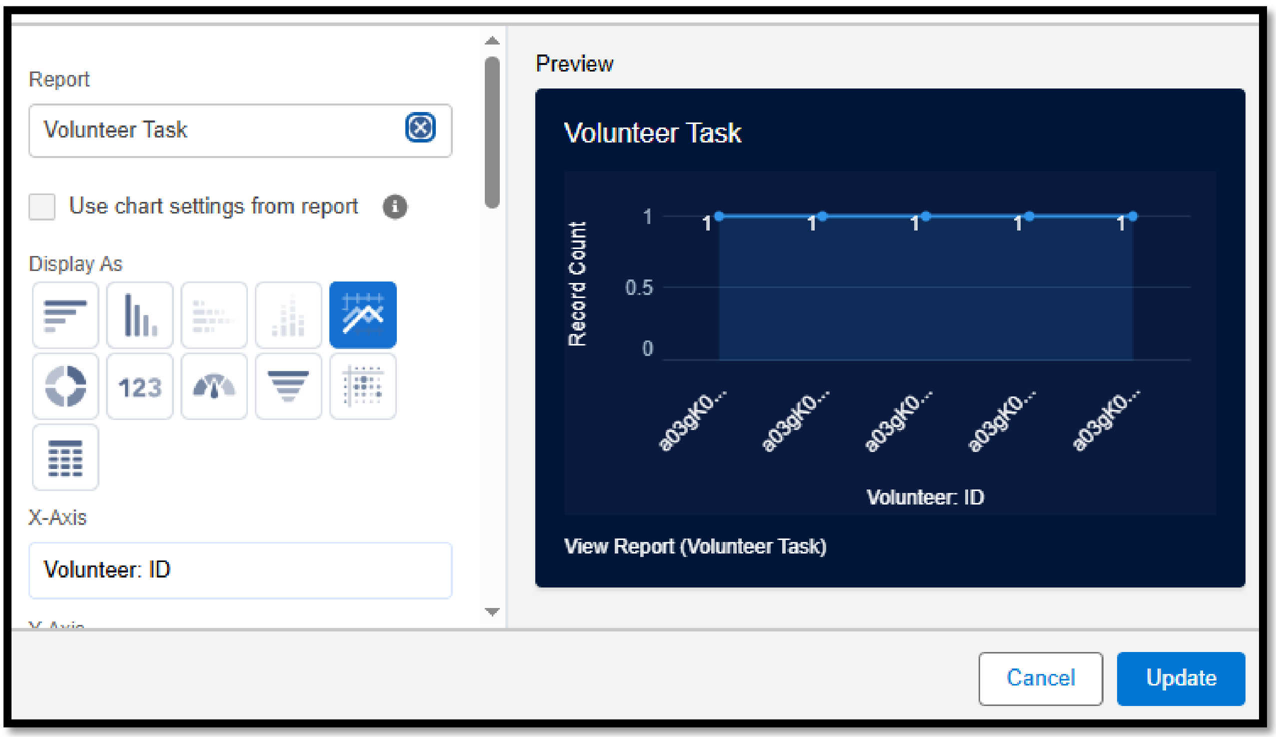

Edit Widget
Report
venue and Drop Off point
Use chart settings from report
Display As
123
Groups
Add group...
Preview
venue and Drop Off point
Venue Name
Drop-Off Point Name
Distance
Allmas
Goa
123.0000
Dhanasree
HYD
123.0000
Manasa
Chennai
123.0000
Mounika
tirupati
234.0000
Ramya
Tirupati
-
View Report (venue and Drop Off point)
Cancel
Update

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:

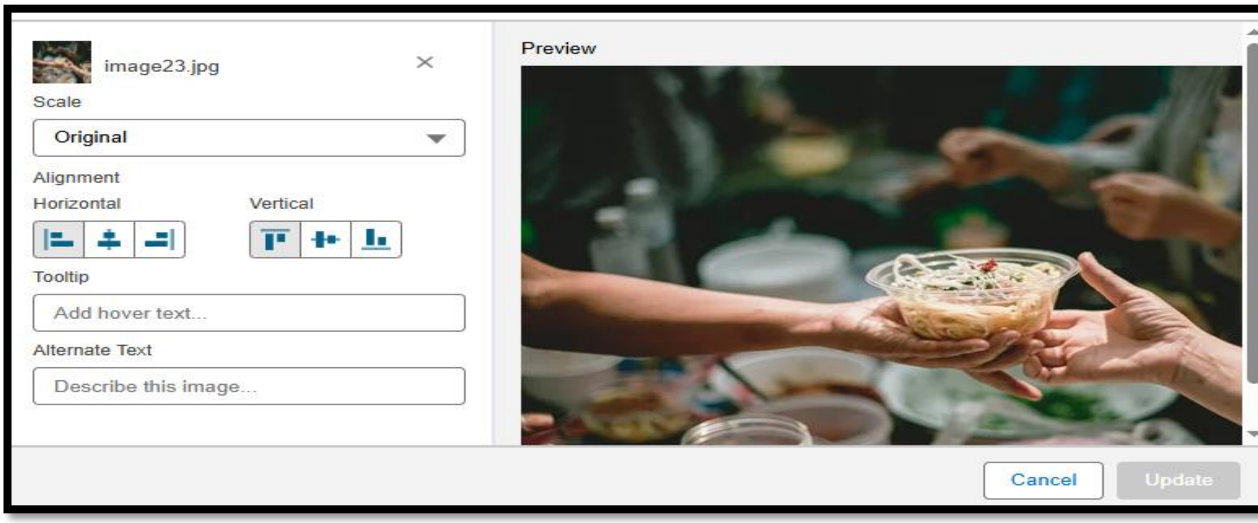
   Display As : Select Line Chart

   Component Theme : Select Dark (Optional)



Adding a Picture to the Dashboard (Optional):

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.

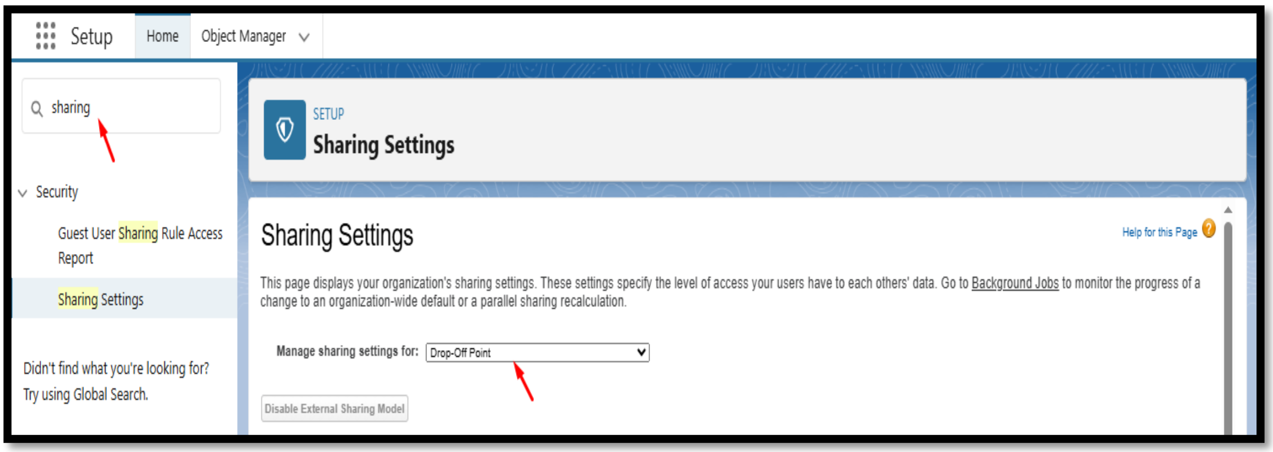


Milestone-14

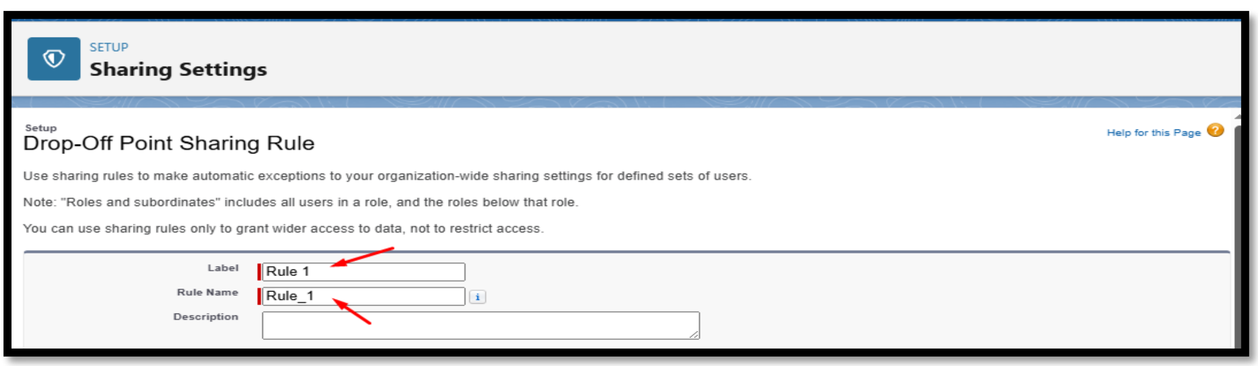
Sharing Rules

Creation of sharing rules:

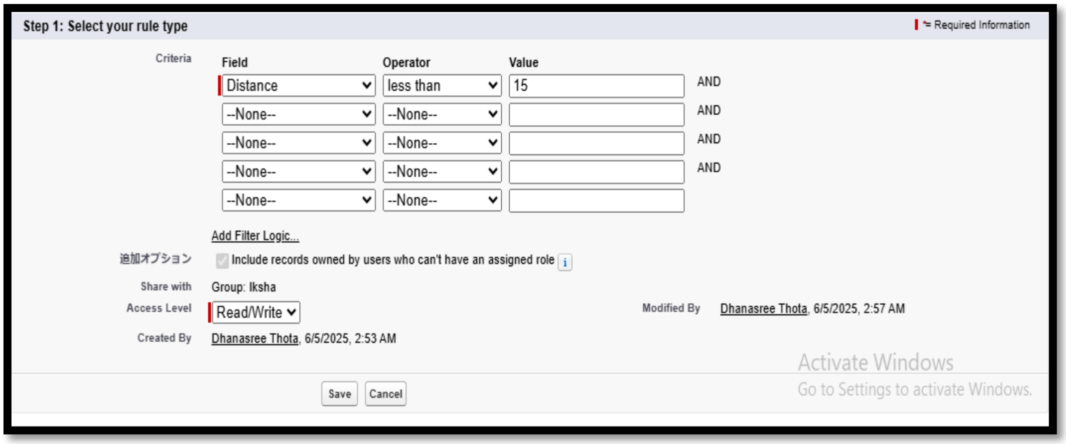
1. Go to setup >> type Sharing Settings in quick find box >> Click on the Sharing Settings.
2. Scroll down and find Drop-Off point Sharing Rules.



3. Click on new near Drop-Off point Sharing Rules and Name it as:
   - Label : Rule 1
   - Rule Name : Rule_1

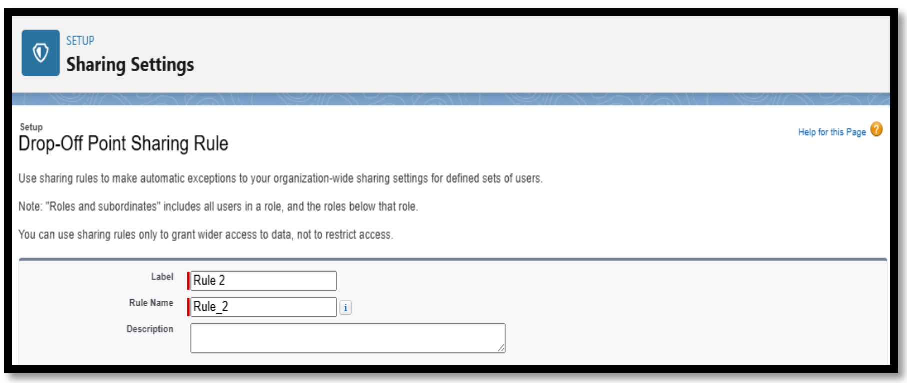


4. Select your rule type : Select Based on criteria.
5. Select which records to be shared:
   - Field : Operator : Value = Distance : less than : 15
6. Select the users to share with : Near Share With
   - Public Groups : Iksha
7. Click on Save.



7. Click on new near Drop-Off point Sharing Rules and Name it as:

- Label : Rule 2
- Rule Name : Rule_2



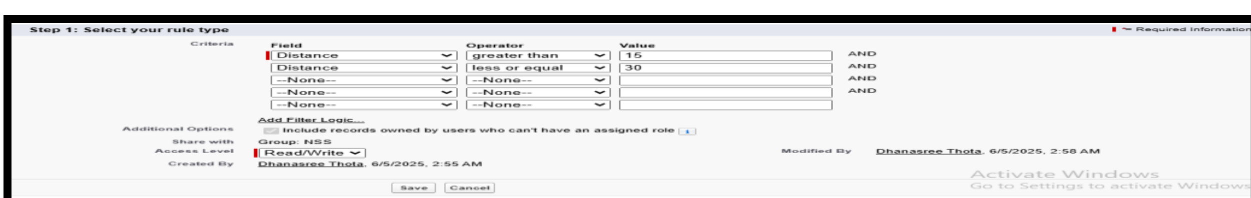
9. Select your rule type : Select Based on criteria.
10. Select which records to be shared:

- 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

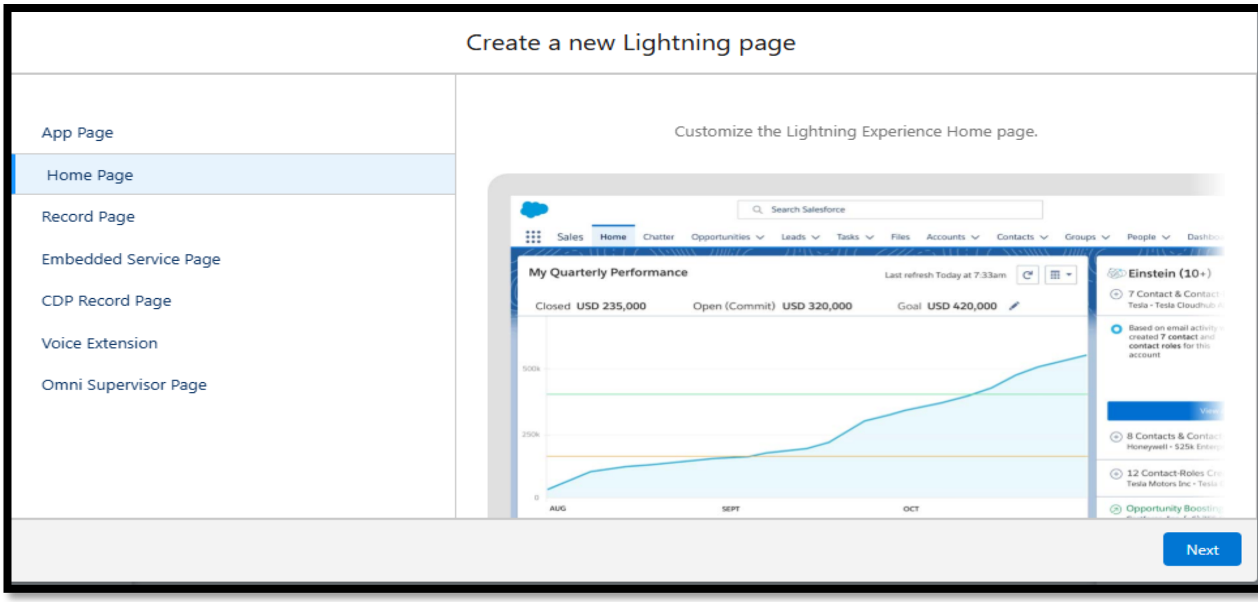
12. Click on Save.



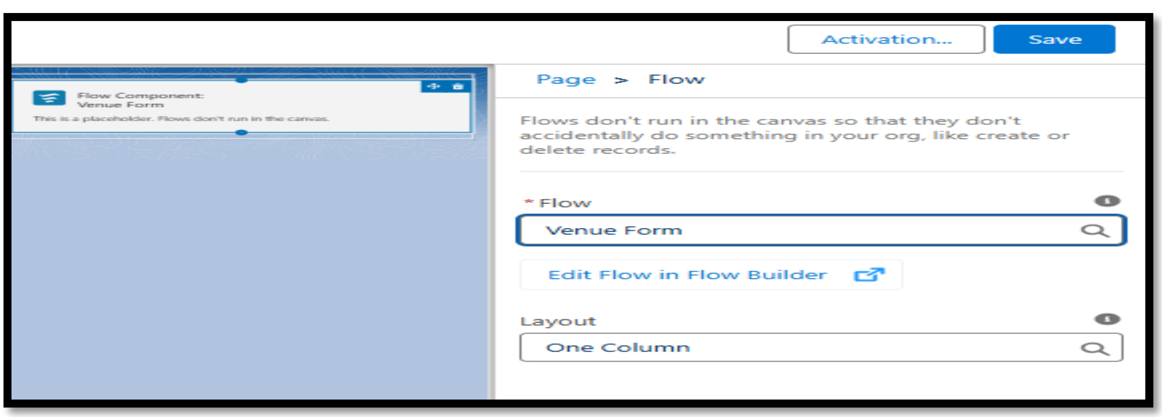
Milestone-15

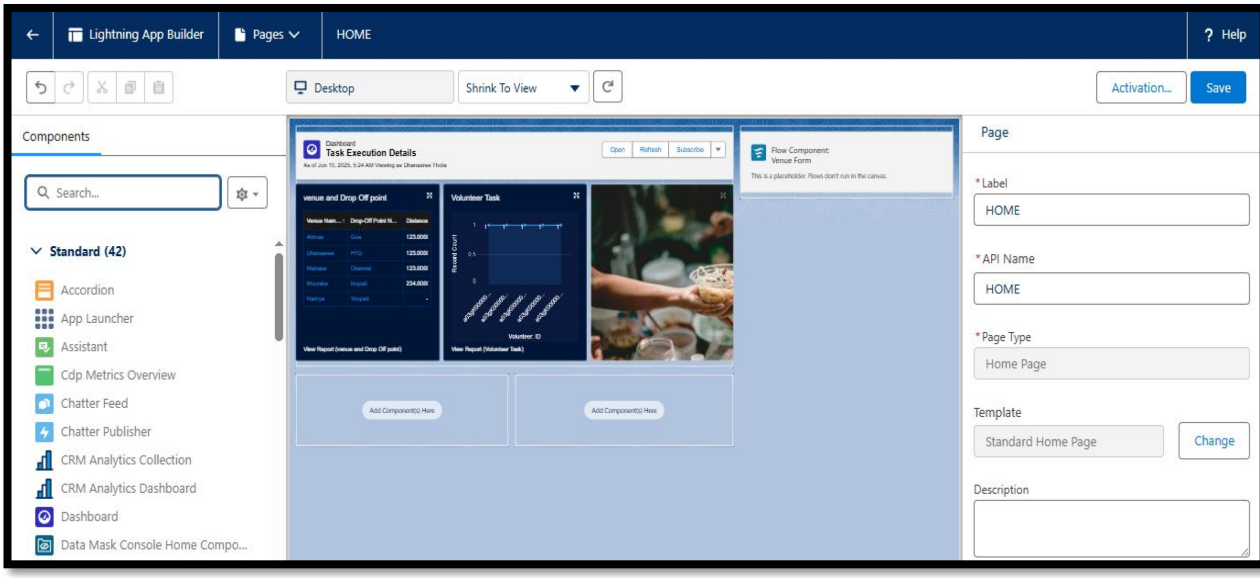
Home Page

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.

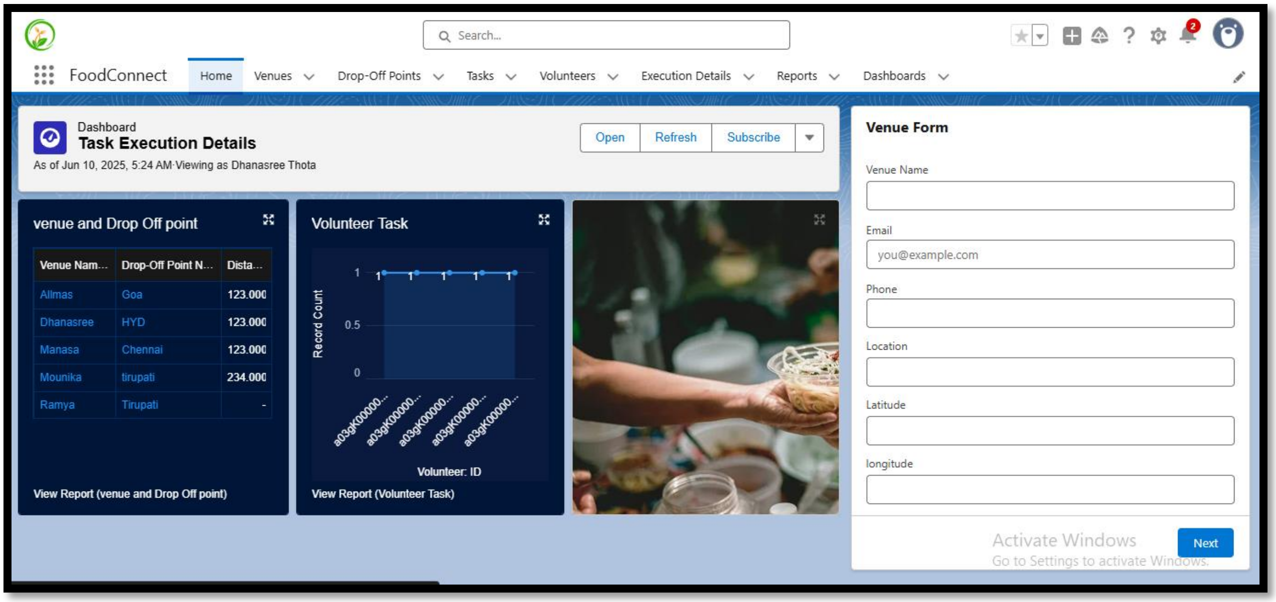


3. Select Standard Home Page.
4. Near Components search for Flow and Drag and Drop in Right Side Section..
5. On the right hand side:
    - Flow : Venue Flow
6. Near Components search for Dashboard, then Drag and Drop it in first Section.

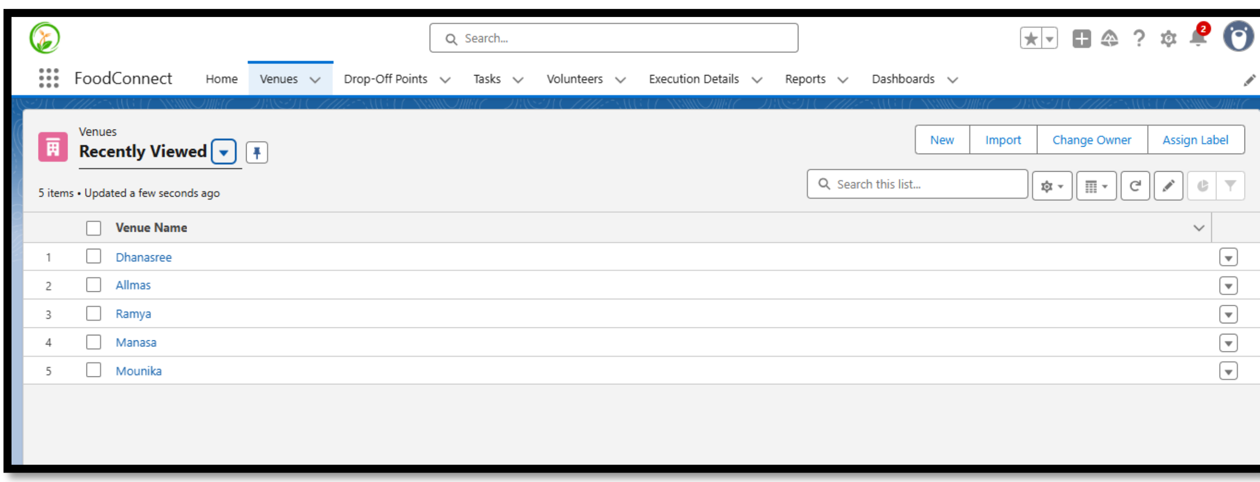




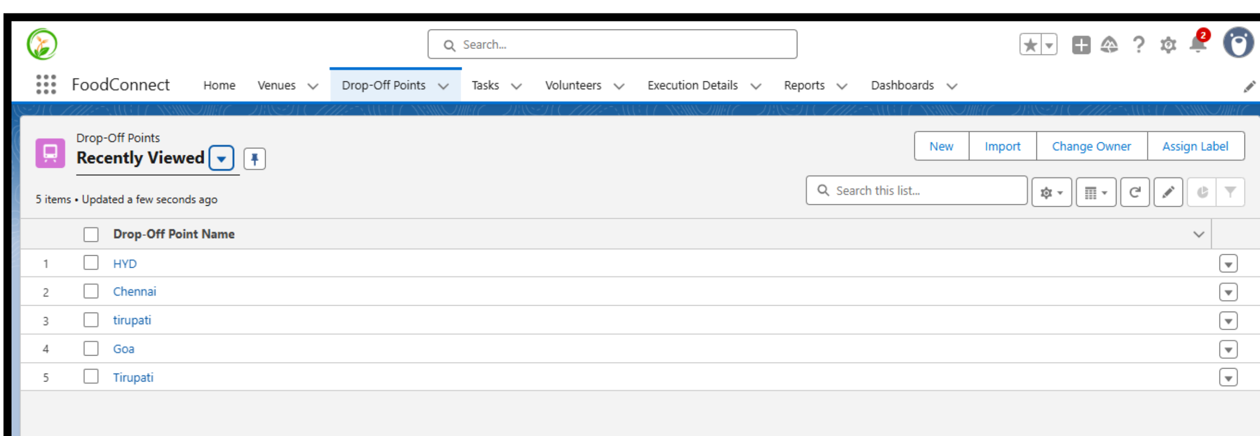
7. Click on Save and Activation, then click on App Default, then Add Assignments.
8. Add FoodConnect App and then Save.
9. FoodConnect Home Page would Look Like this.



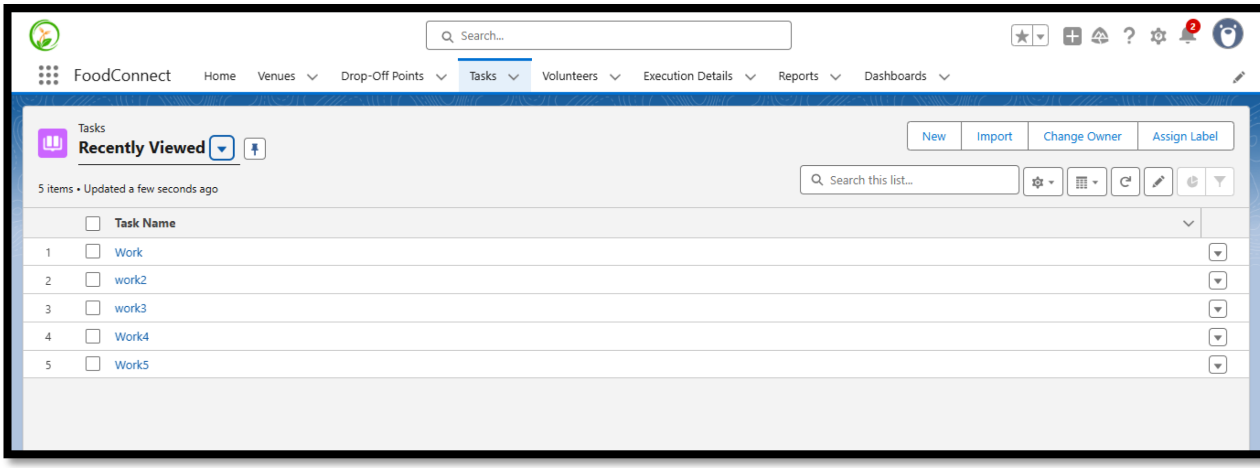
Home Tab



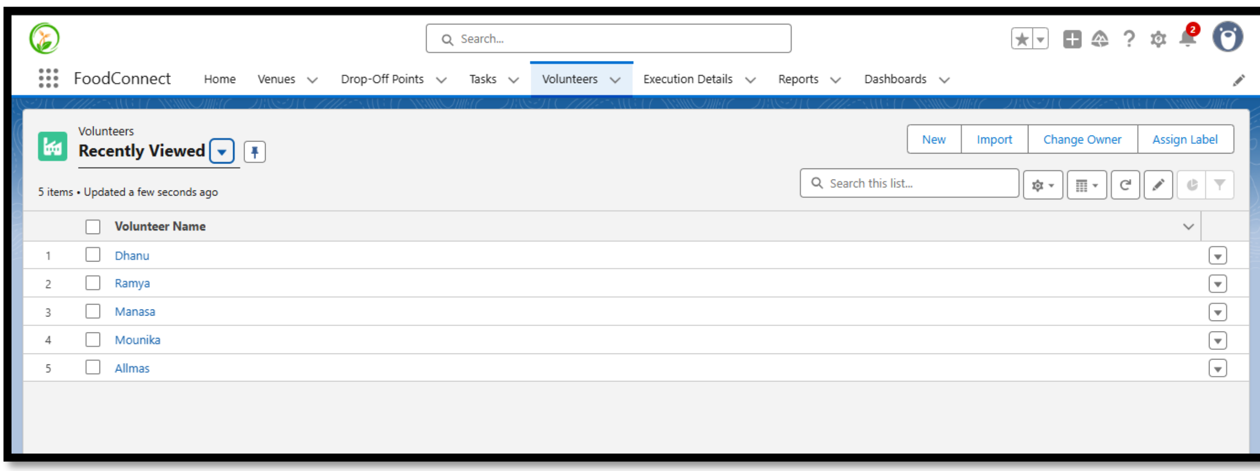
Venue Tab



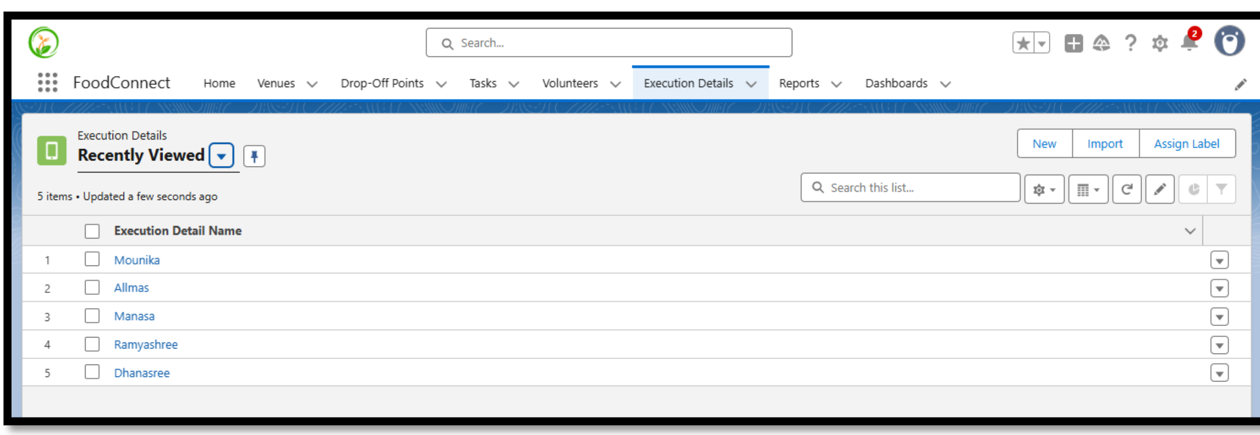
Drop-Off PointTab

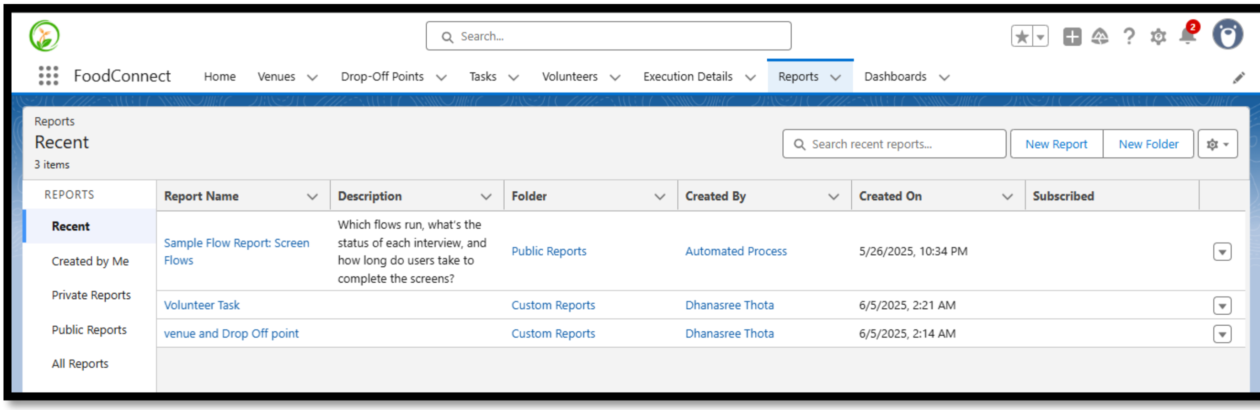


Tasks Tab

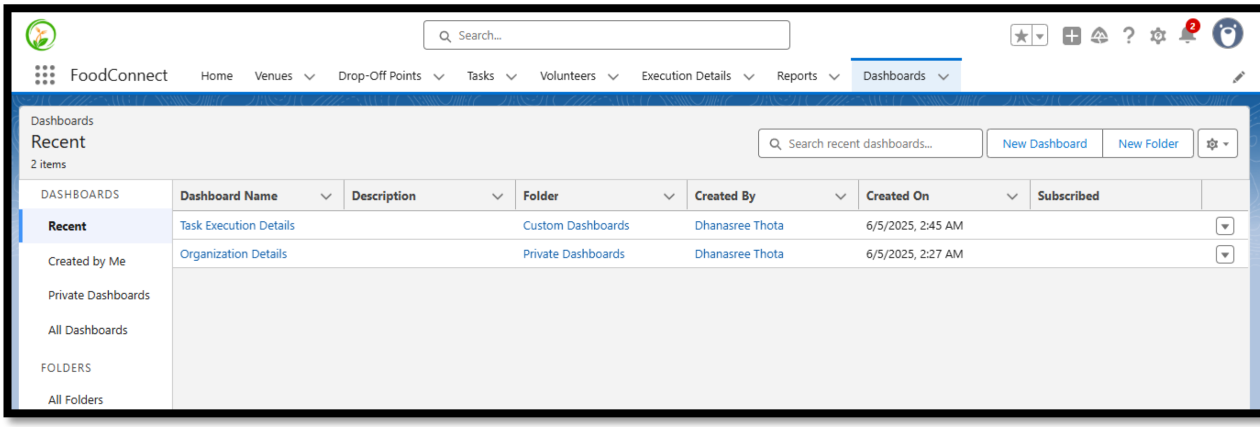


Volunteers Tab





Reports Tab



Dashboards Tab

Milestone-16

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.