To Supply Leftover Food to Poor

Name: Sarthak Chaturvedi
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College Name: JIIT NOIDA

Through: Accenture
Trailhead URL:

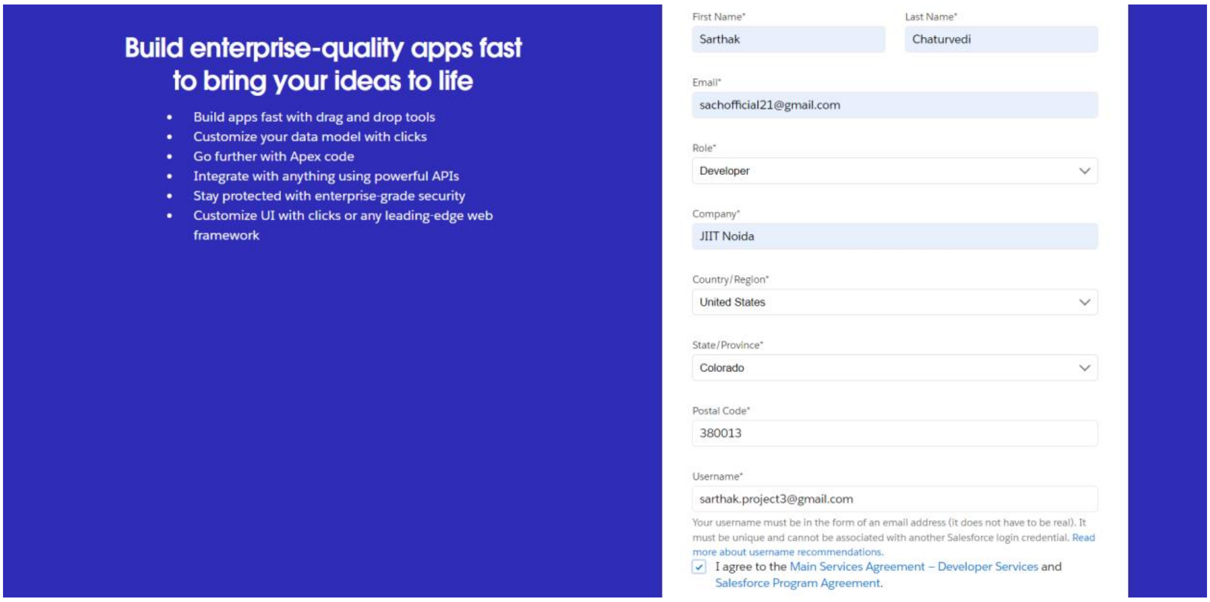
https://www.salesforce.com/trailblazer/a6899k95bzvvznsroo

1.Salesforce Developer Account creation

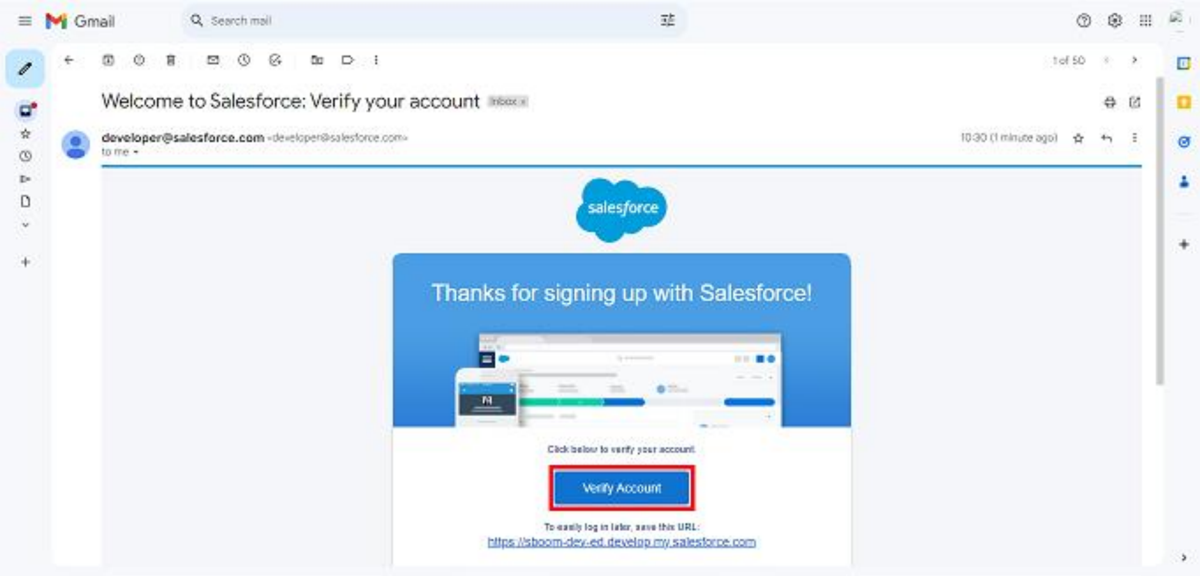
1.1Created Developer Account

Created a developer org in salesforce.

1. Go to https://developer.salesforce.com/signup
2. On the sign-up form, enter the following details:
3. First Name: Sarthak
4. Last Name: Chaturvedi
5. Email: sachofficial21@gmail.com
6. Role: developer
7. Country: US
8. State: Colorado
9. Postal Code: 80013
10. Username: sarthak.project3@gmail.com



1.2 Account Activation



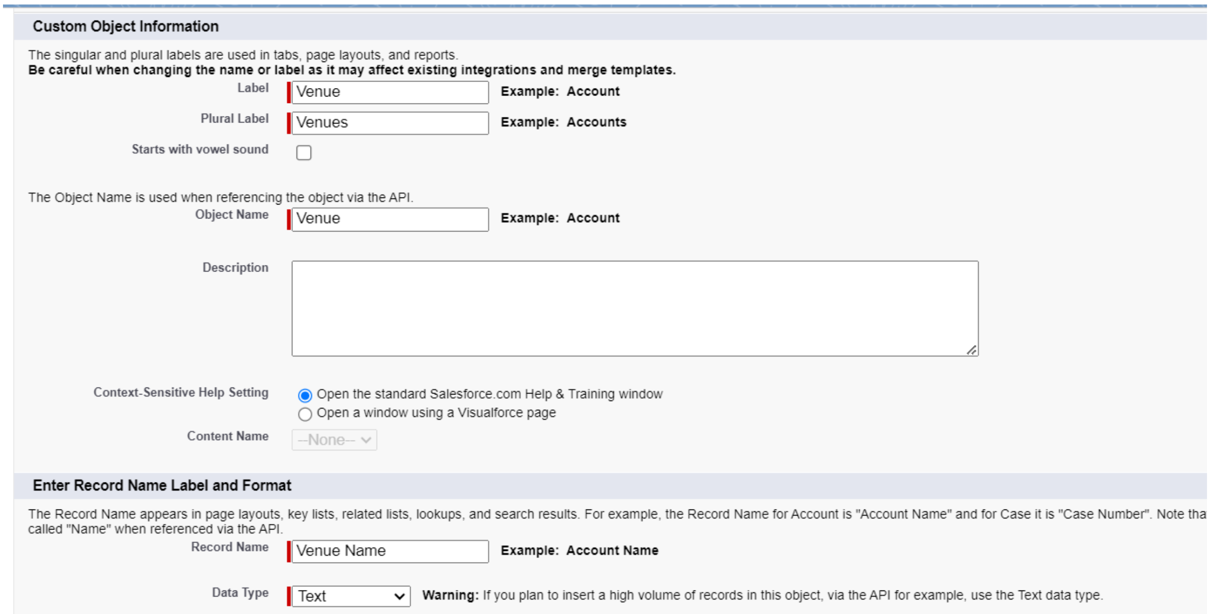
2.Object

2.1 Created 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

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

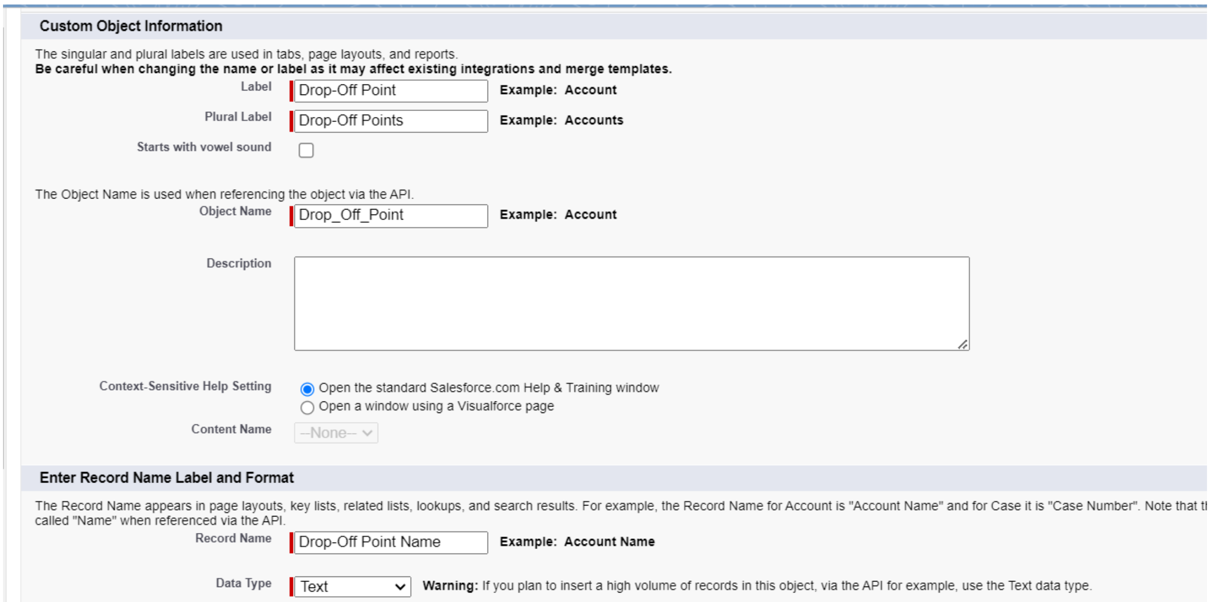


2.2 Created Drop-Off Point Object

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

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

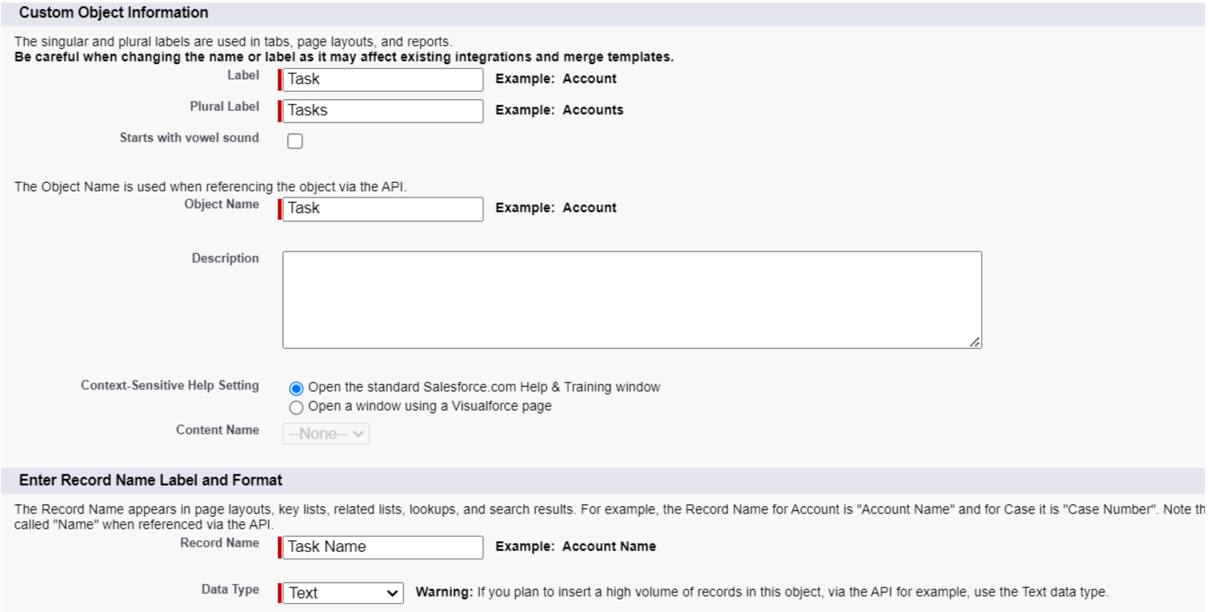


2.3 Created Task Object

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

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

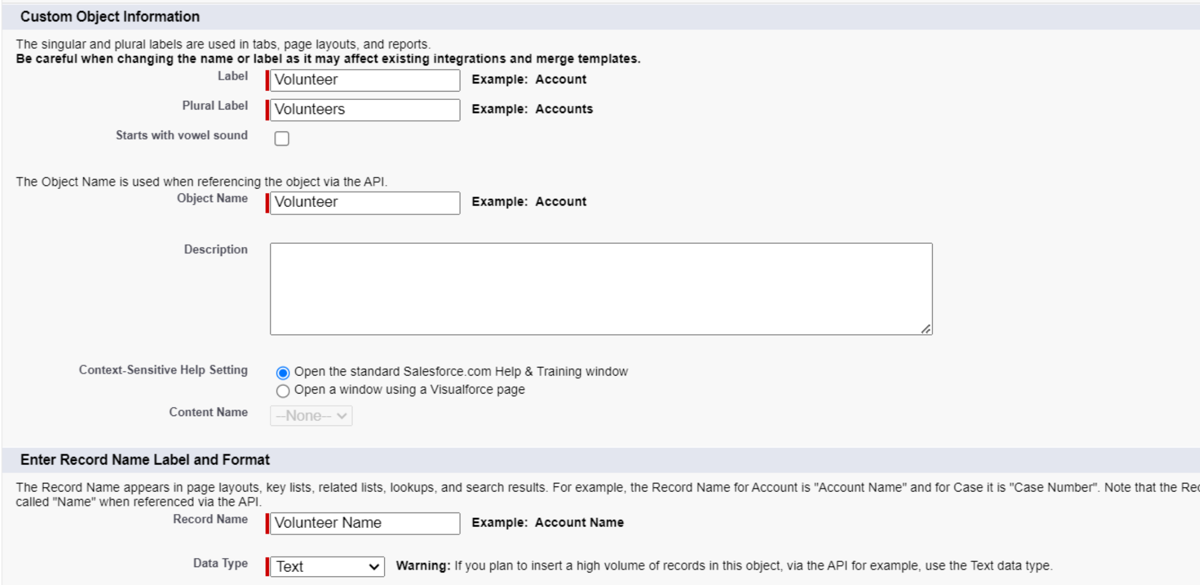


2.4 Created Volunteer Object

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

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

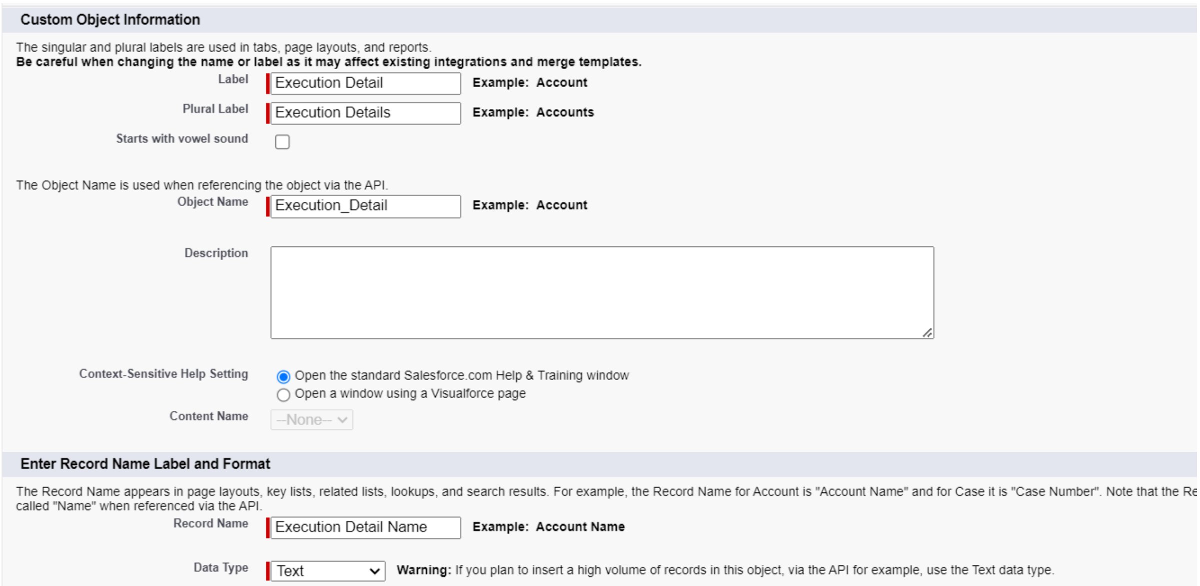


2.5 Created Execution Details Object

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

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



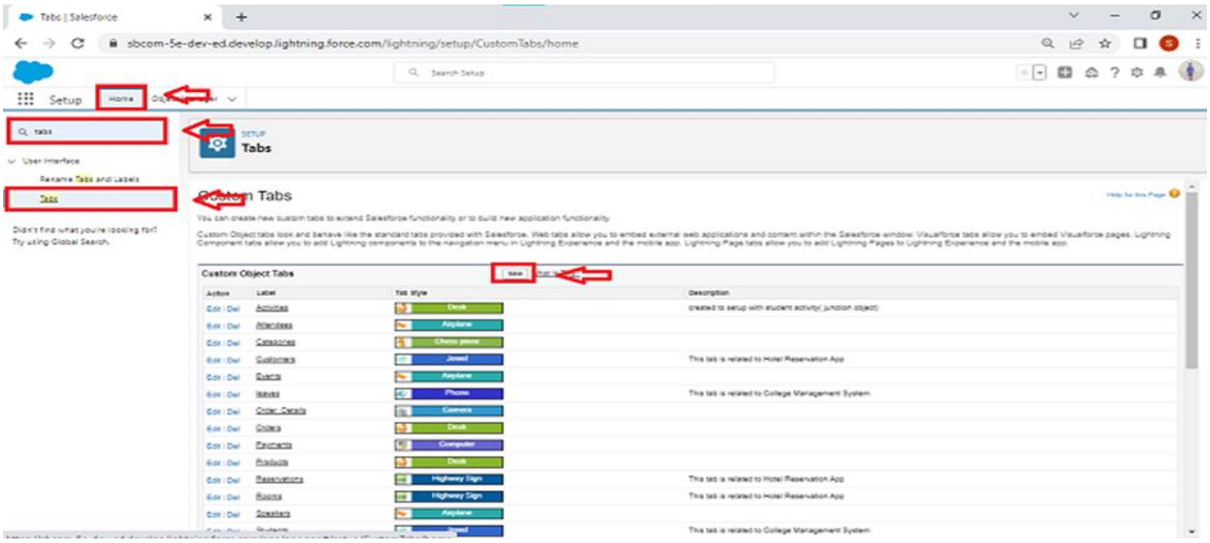
3.Tabs

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

3.1 Creating A Custom Tab

To create a Tab:(Venue)

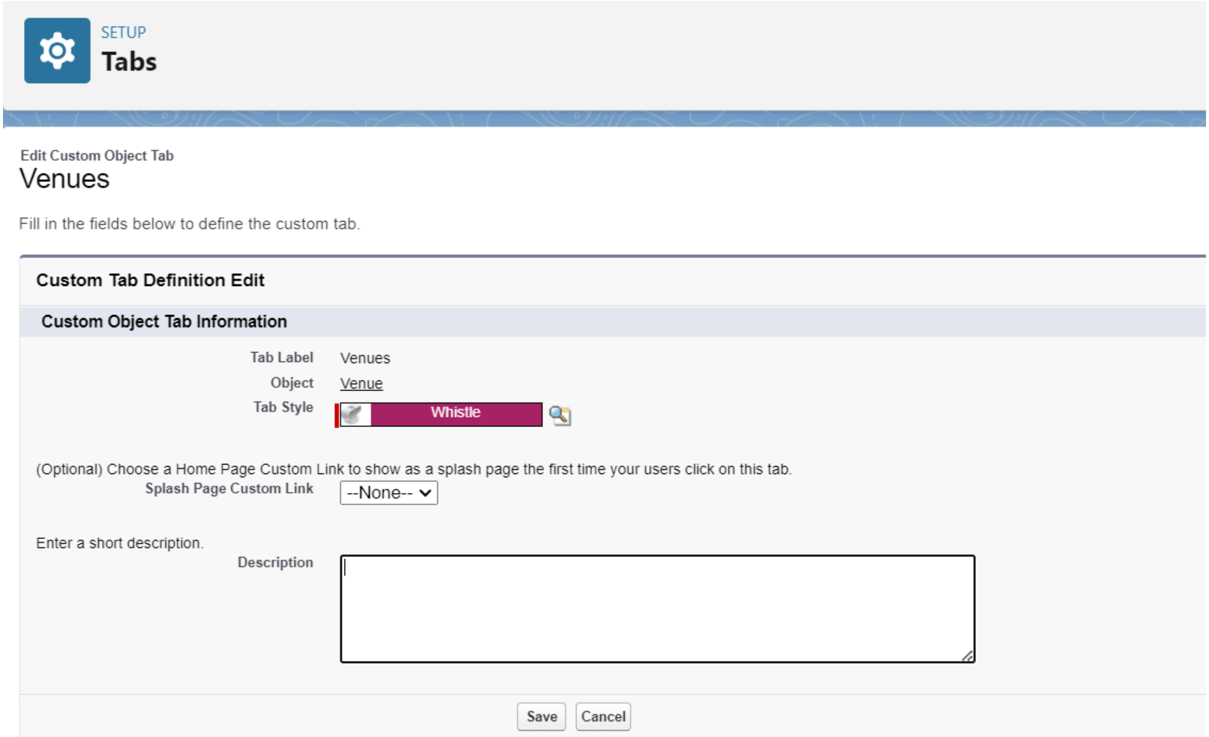
1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)

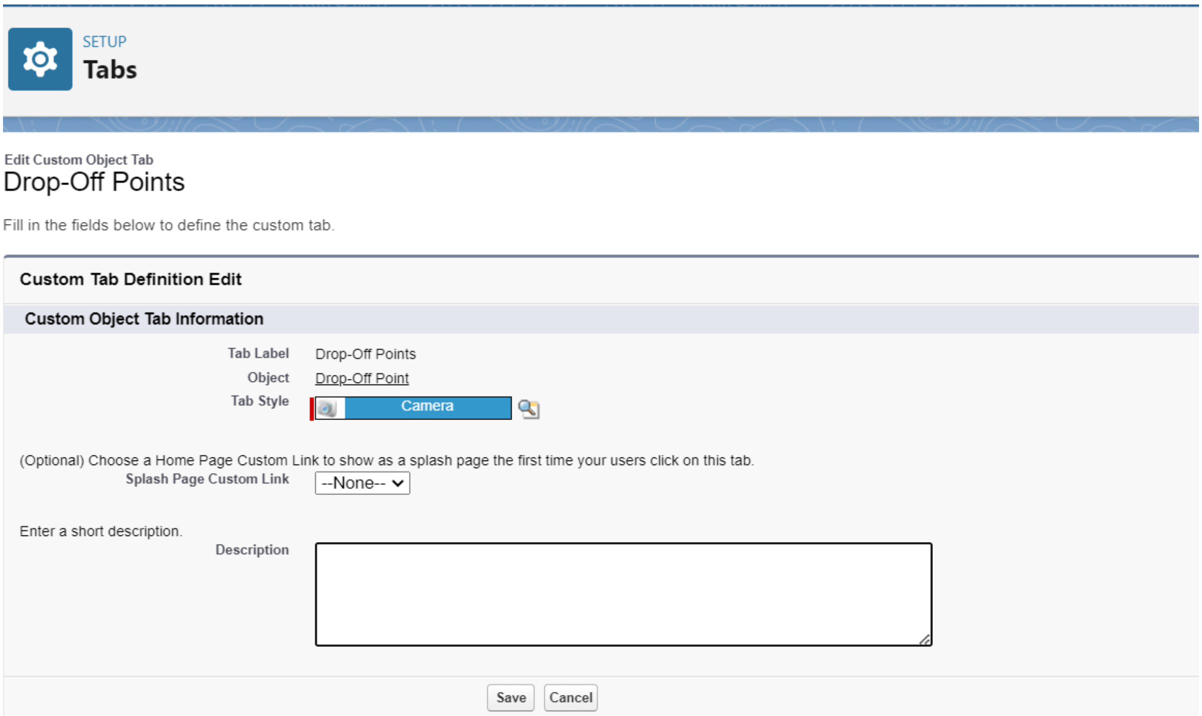


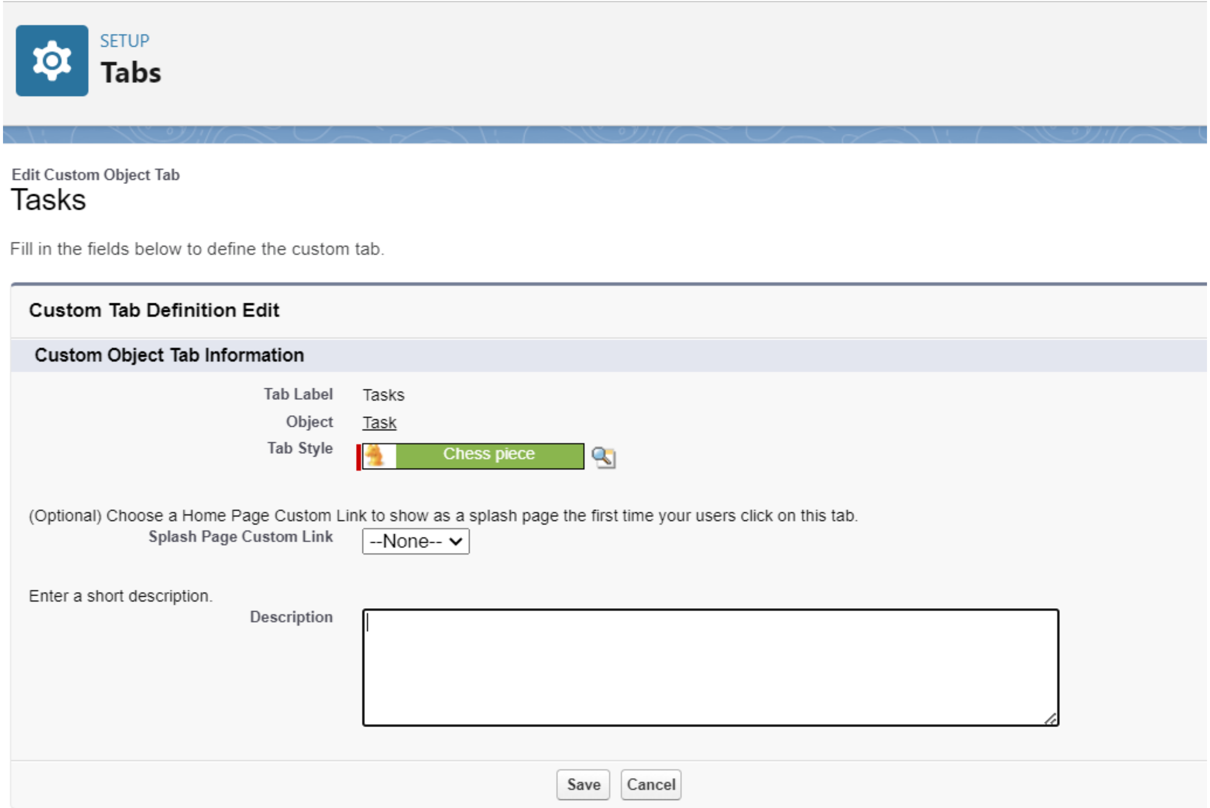
1. Select Object (Venue) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab.
2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save

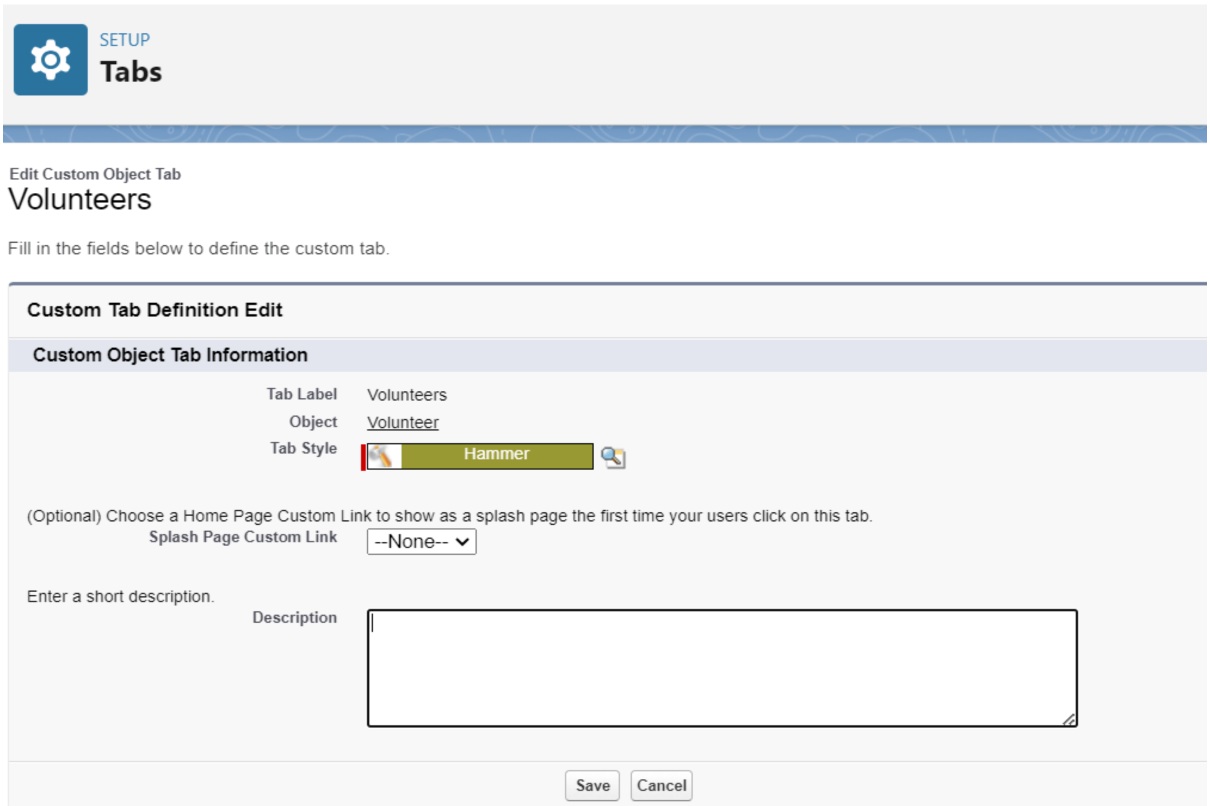
3.2 Created custom tabs

With the help of above instructions, I created 5 custom tabs for 5 objects I created before: Venue, Drop-Off point, Task, Volunteer, Execution details.


SETUP
Tabs
Edit Custom Object Tab
Venues
Fill in the fields below to define the custom tab.
Custom Tab Definition Edit
Custom Object Tab Information
Tab Label Venues
Object Venue
Tab Style Whistle
(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link --None--
Enter a short description.
Description
Save Cancel


SETUP
Tabs
Edit Custom Object Tab
Drop-Off Points
Fill in the fields below to define the custom tab.
Custom Tab Definition Edit
Custom Object Tab Information
Tab Label Drop-Off Points
Object Drop-Off Point
Tab Style Camera
(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link --None--
Enter a short description.
Description
Save Cancel


SETUP
Tabs
Edit Custom Object Tab
Tasks
Fill in the fields below to define the custom tab.
Custom Tab Definition Edit
Custom Object Tab Information
Tab Label Tasks
Object Task
Tab Style Chess piece
(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link --None--
Enter a short description.
Description
Save
Cancel


SETUP
Tabs
Edit Custom Object Tab
Volunteers
Fill in the fields below to define the custom tab.
Custom Tab Definition Edit
Custom Object Tab Information
Tab Label Volunteers
Object Volunteer
Tab Style Hammer
(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link --None--
Enter a short description.
Description
Save
Cancel

SETUP

Tabs

Edit Custom Object Tab

Execution Details

Fill in the fields below to define the custom tab.

Custom Tab Definition Edit

Custom Object Tab Information

Tab Label	Execution Details
Object	Execution Detail
Tab Style	Cup

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.

Splash Page Custom Link: --None--

Enter a short description.

Description

Save | Cancel

SETUP

Tabs

Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs a Experience and the mobile app.

Custom Object Tabs

New | What Is This?

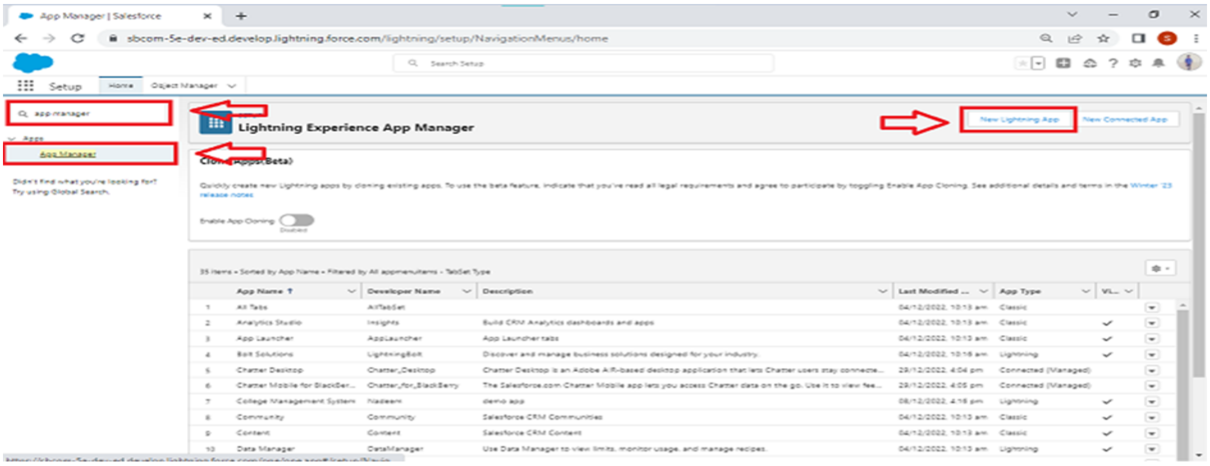
Action	Label	Tab Style
Edit | Del	Drop-Off Points	Camera
Edit | Del	Execution Details	Cup
Edit | Del	Tasks	Chess piece
Edit | Del	Venues	Whistle
Edit | Del	Volunteers	Hammer

4.The Lightning App

4.1 Created A Lightning App

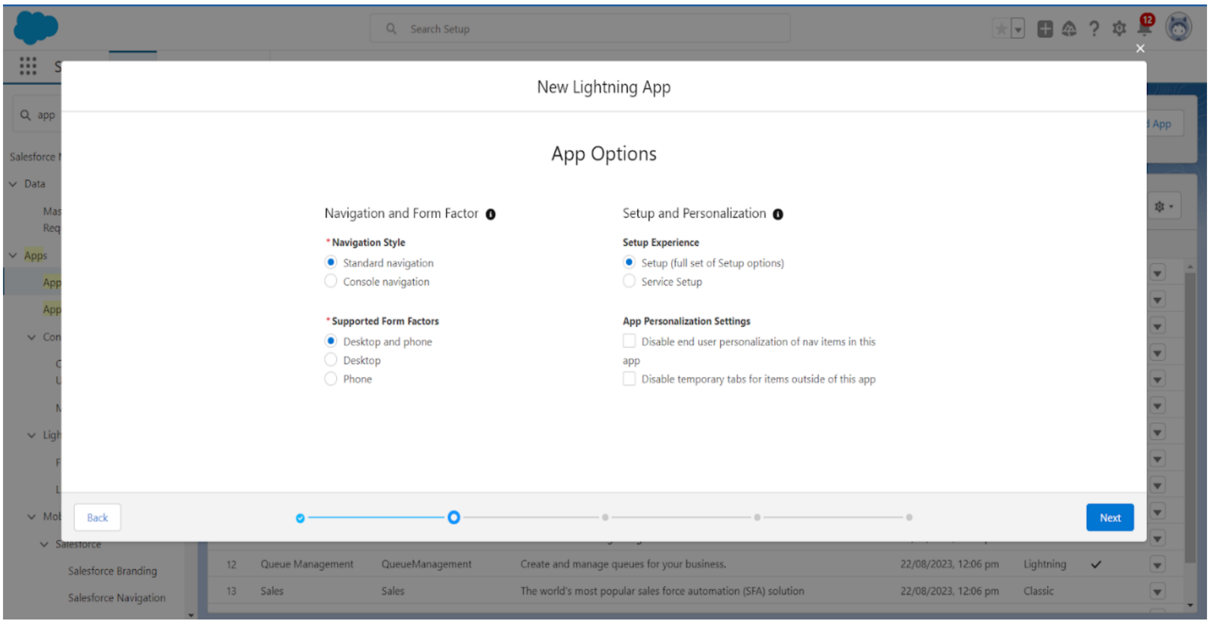
To create a lightning app page:

1. Go to setup page >> search "app manager" in quick find >> select "app manager" >> click on new lightning App.

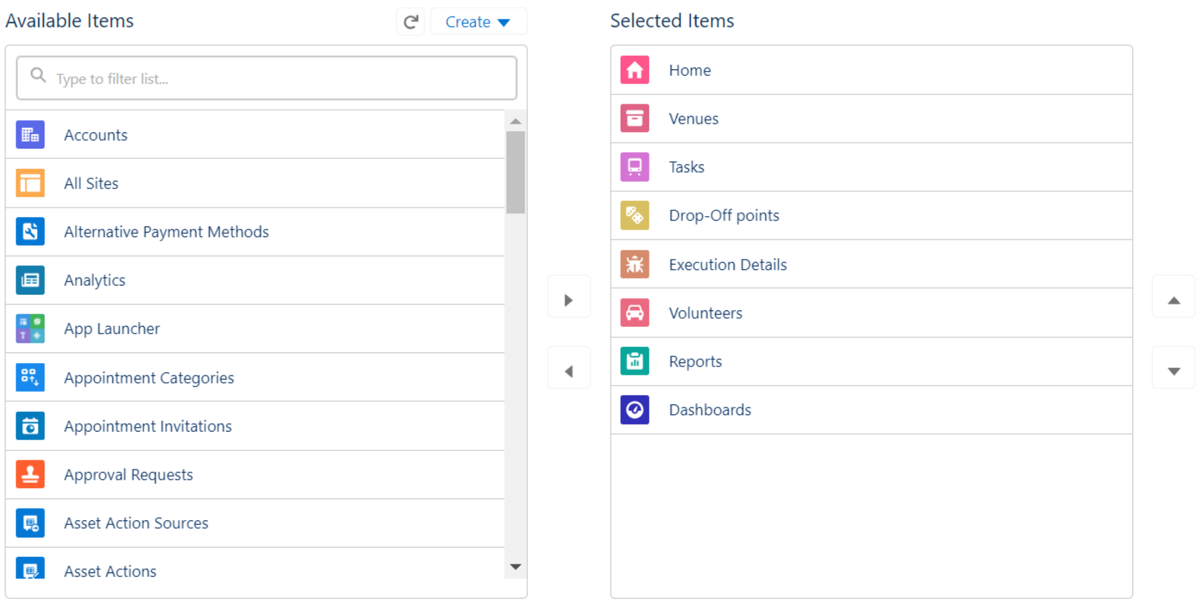


2. Fill the app name in app details and branding as follow
App Name: FoodConnect
Developer Name: This will auto populated
Image: optional (if you want to give any image you can otherwise not mandatory) Primary colour hex value: keep this default.

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

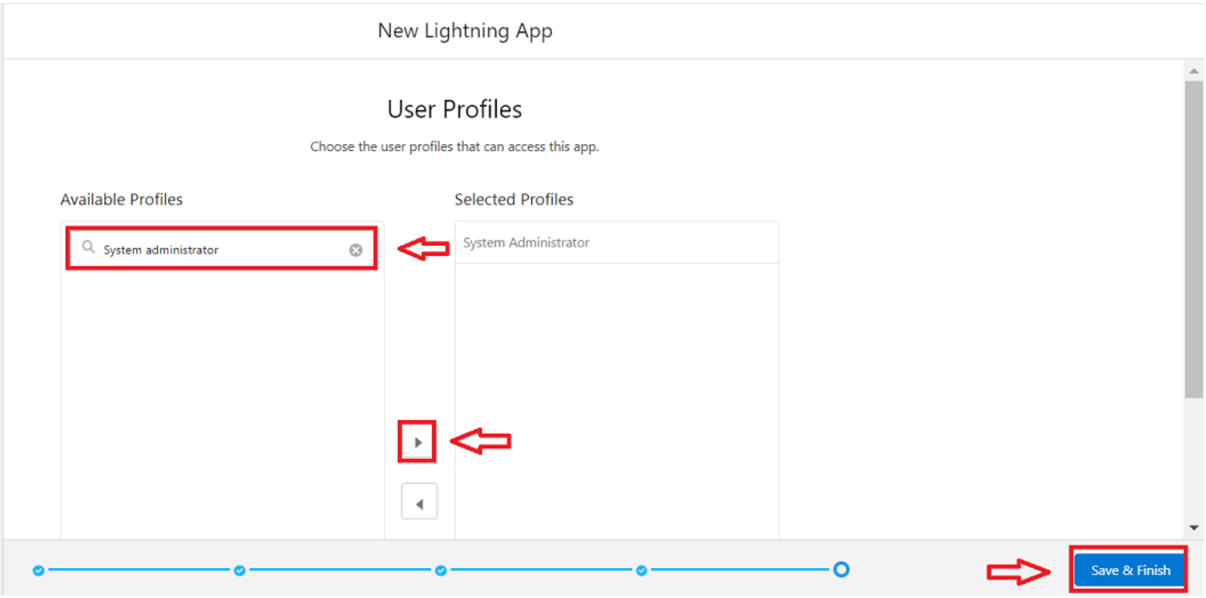


4. (Utility Items) keep it as default >> Next.
5. To Add Navigation Items:



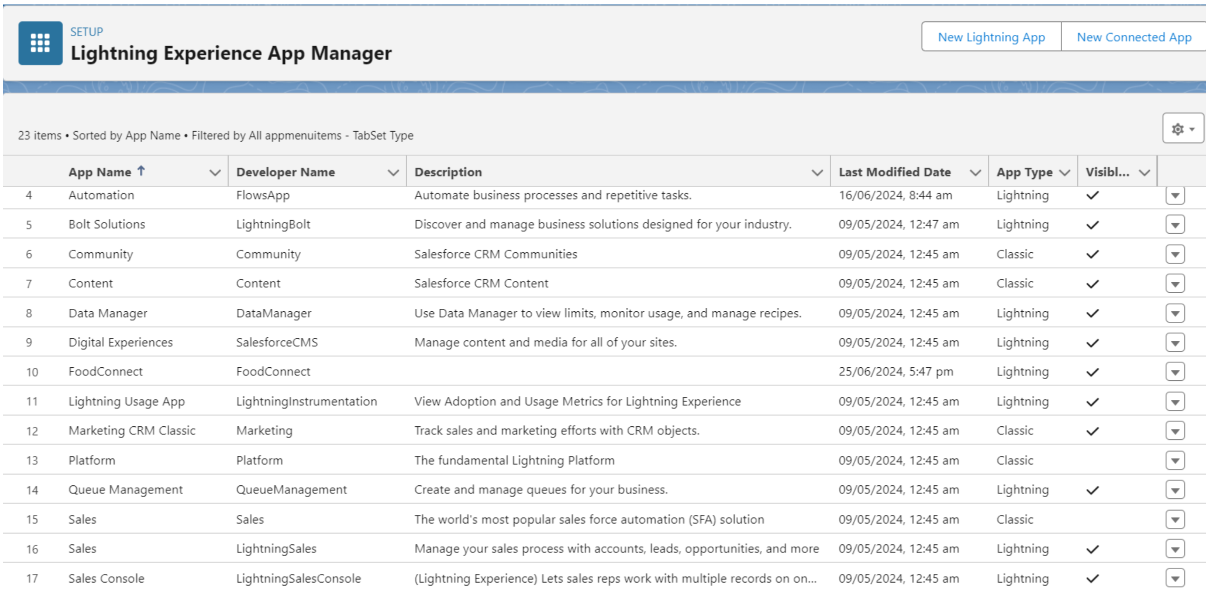
Search for the item in the (Home, Venue, Drop-Off Point, Task, Volunteer, Execution Details, Reports) from the search bar and move it using the arrow button >> Next >> Next.

6. To Add User Profiles:



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

4.2 Using above instructions, I created the app



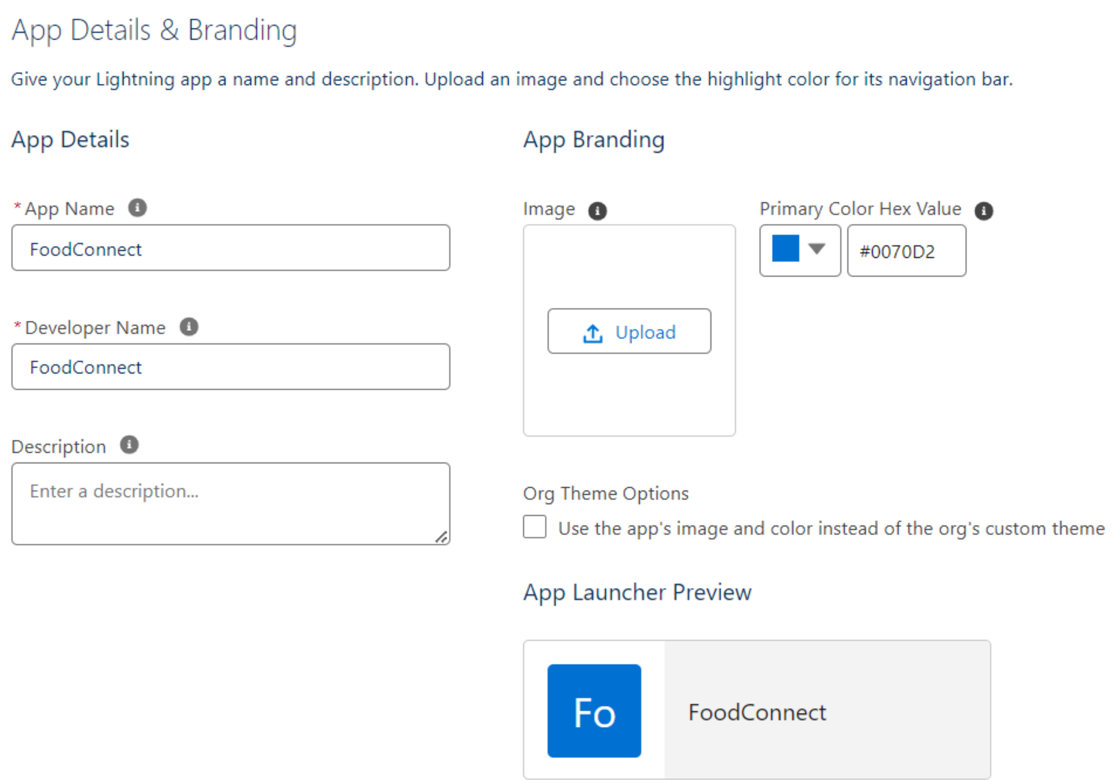
SETUP
Lightning Experience App Manager

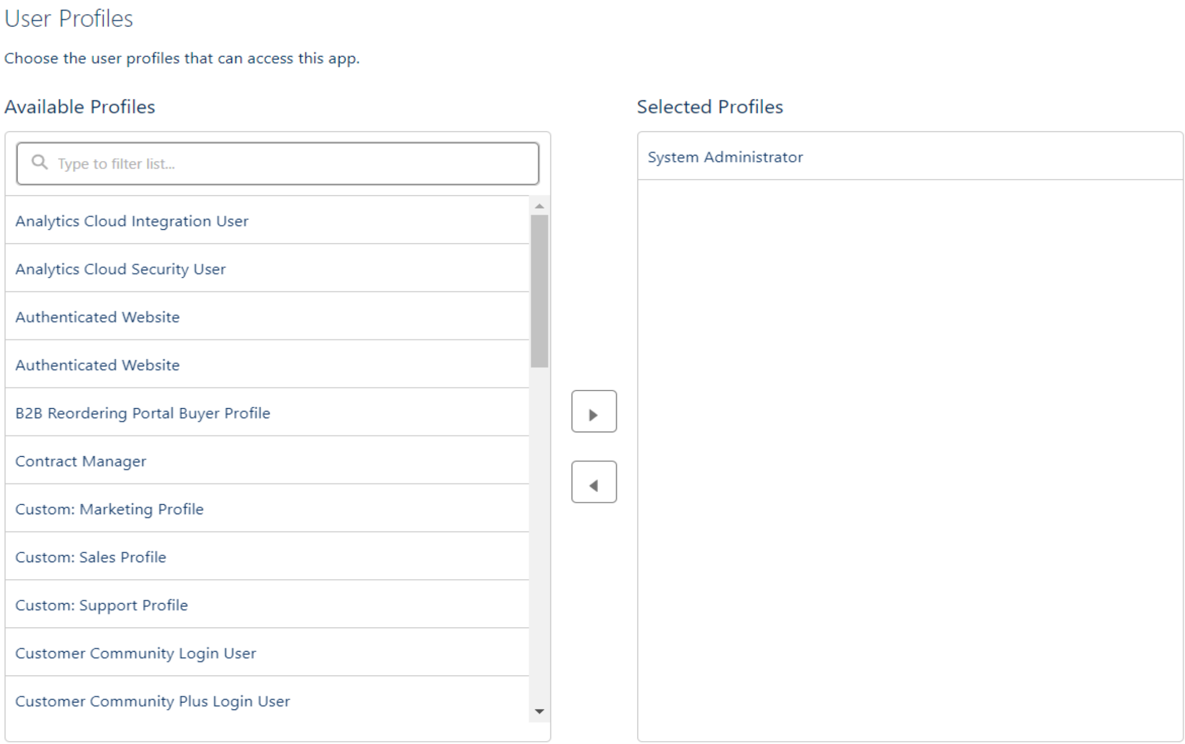
New Lightning App | New Connected App

23 items • Sorted by App Name • Filtered by All appmenuitems - TabSet Type

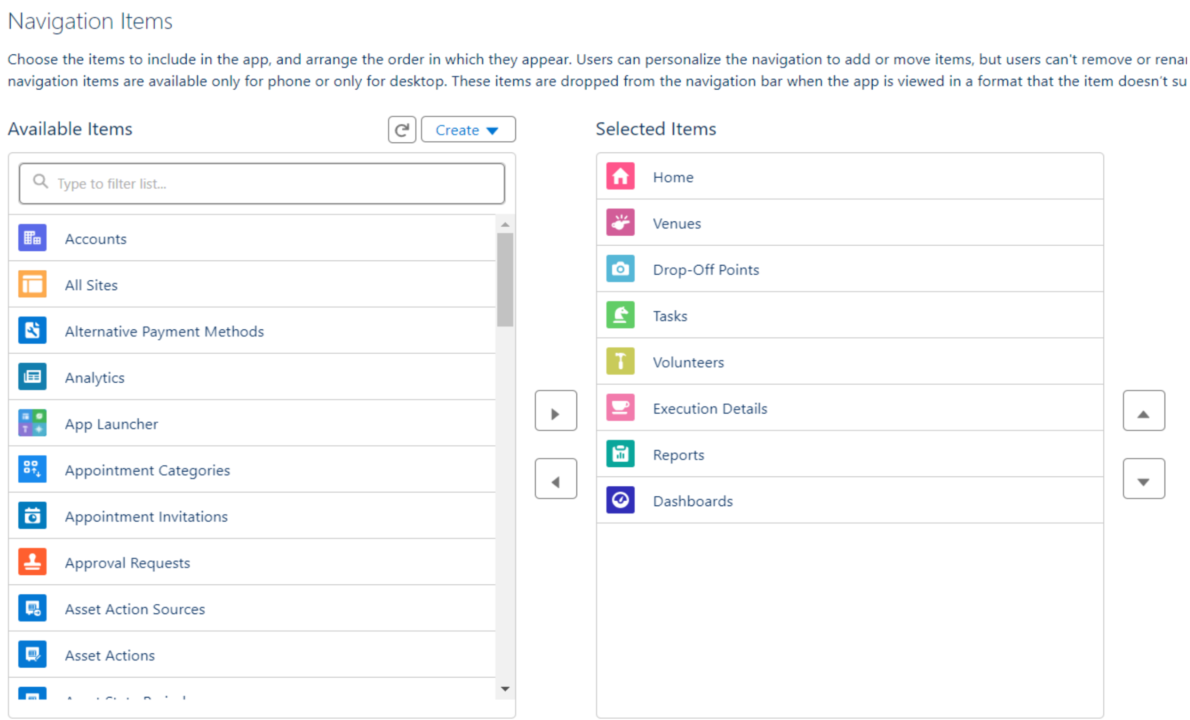
	App Name	Developer Name	Description	Last Modified Date	App Type	Visibl...
4	Automation	FlowsApp	Automate business processes and repetitive tasks.	16/06/2024, 8:44 am	Lightning	✓
5	Bolt Solutions	LightningBolt	Discover and manage business solutions designed for your industry.	09/05/2024, 12:47 am	Lightning	✓
6	Community	Community	Salesforce CRM Communities	09/05/2024, 12:45 am	Classic	✓
7	Content	Content	Salesforce CRM Content	09/05/2024, 12:45 am	Classic	✓
8	Data Manager	DataManager	Use Data Manager to view limits, monitor usage, and manage recipes.	09/05/2024, 12:45 am	Lightning	✓
9	Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	09/05/2024, 12:45 am	Lightning	✓
10	FoodConnect	FoodConnect		25/06/2024, 5:47 pm	Lightning	✓
11	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	09/05/2024, 12:45 am	Lightning	✓
12	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	09/05/2024, 12:45 am	Classic	✓
13	Platform	Platform	The fundamental Lightning Platform	09/05/2024, 12:45 am	Classic	
14	Queue Management	QueueManagement	Create and manage queues for your business.	09/05/2024, 12:45 am	Lightning	✓
15	Sales	Sales	The world's most popular sales force automation (SFA) solution	09/05/2024, 12:45 am	Classic	
16	Sales	LightningSales	Manage your sales process with accounts, leads, opportunities, and more	09/05/2024, 12:45 am	Lightning	✓
17	Sales Console	LightningSalesConsole	(Lightning Experience) Lets sales reps work with multiple records on on...	09/05/2024, 12:45 am	Lightning	✓

At Number 10 you can see the app "FoodConnect" in the above picture.





User Profiles
Choose the user profiles that can access this app.
Available Profiles
Selected Profiles
Type to filter list...
Analytics Cloud Integration User
Analytics Cloud Security User
Authenticated Website
Authenticated Website
B2B Reordering Portal Buyer Profile
Contract Manager
Custom: Marketing Profile
Custom: Sales Profile
Custom: Support Profile
Customer Community Login User
Customer Community Plus Login User
System Administrator



Navigation Items
Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or renai
navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't su
Available Items
Create
Selected Items
Type to filter list...
Accounts
All Sites
Alternative Payment Methods
Analytics
App Launcher
Appointment Categories
Appointment Invitations
Approval Requests
Asset Action Sources
Asset Actions
Home
Venues
Drop-Off Points
Tasks
Volunteers
Execution Details
Reports
Dashboards

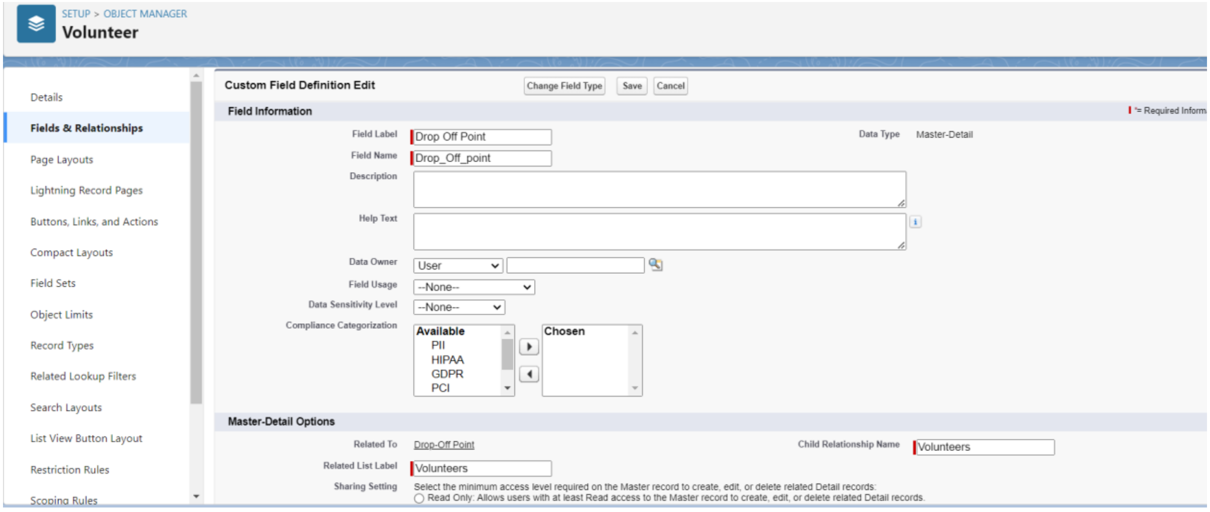
5.Fields

5.1 Creation of Relationship Fields in Objects

1.1.1 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.
0. Now click on "Fields & Relationships" >> New
0. Select Master Detail relationship
0. Select the related object "Drop-Off point" and click next.
0. Field Name: Drop_Off_point
0. Field label: Auto generated
0. Next >> Next >> Save.

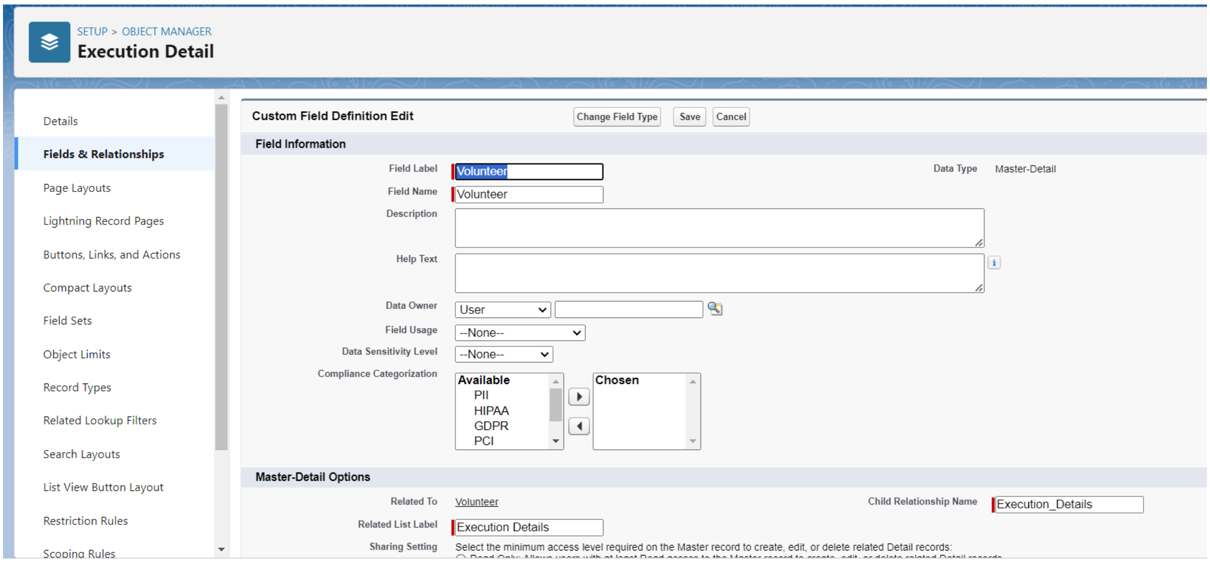
Created the field as per the above instructions and you can observe all the details in the below image:



5.1.2 Creation of Master Detail Relationship Field on Execution Details Object:

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

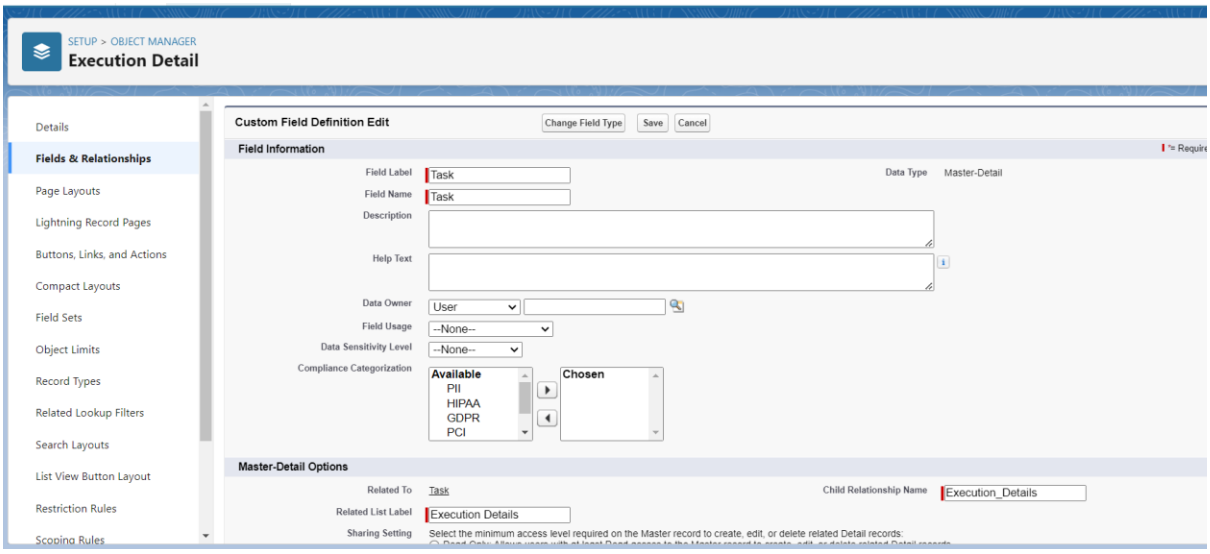
Created the field as per the above instructions and you can observe all the details in the below image:



5.1.3 Creation of Master Detail Relationship Field on Execution Details Object:

0. Go to setup >> click on Object Manager >> type object name (Execution Details) in the search bar >> click on the object.
0. Now click on "Fields & Relationships" >> New
0. Select Master Detail relationship
0. Select the related object "Task" and click next.
0. Field Name: Task
0. Field label: Auto generated
0. Next >> Next >> Save.

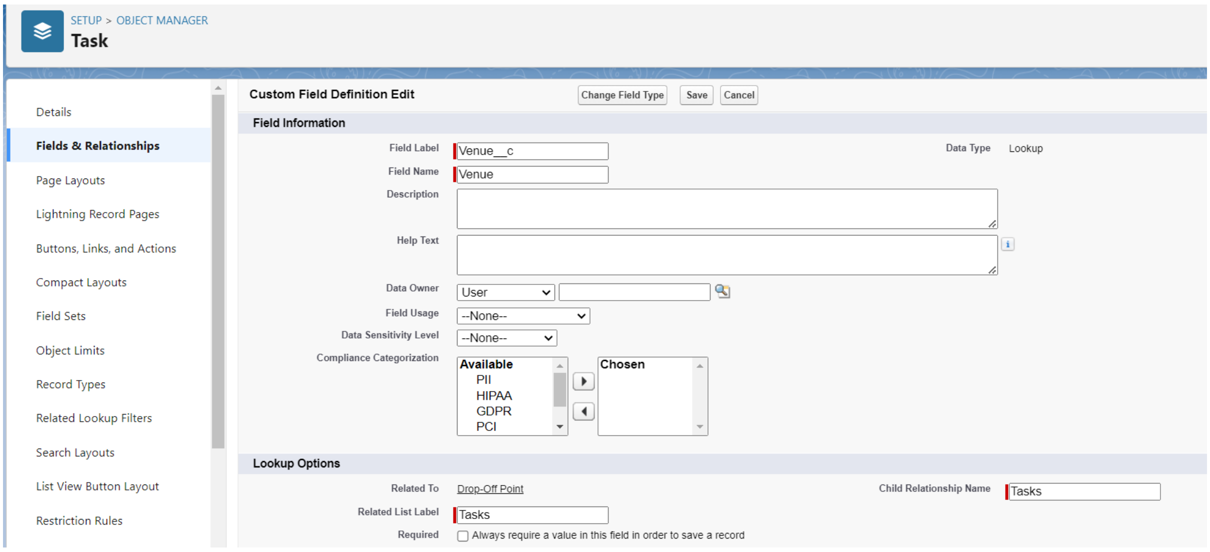
Created the field as per the above instructions and you can observe all the details in the below image:



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

0. Go to setup >> click on Object Manager >> type object name (Task) in the search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Lookup relationship
0. Select the related object “Drop-Off Point” and click next.
0. Field Name : Venue
0. Field label: Venue__c
0. Next >> Next >> Save.

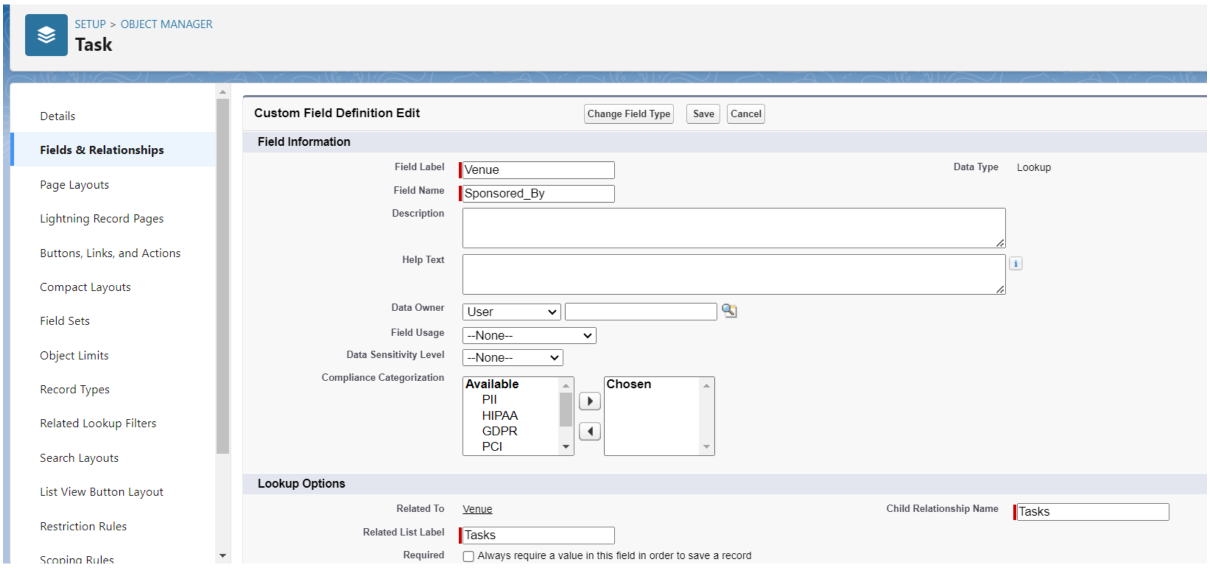
Created the field as per the above instructions and you can observe all the details in the below image:



5.1.5 Creation of Lookup Relationship Field on Task Object :

0. Go to setup>> click on Object Manager >> type object name (Task) in the search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Lookup relationship
0. Select the related object “Venue” and click next.
0. Field Name: Sponsored By
0. Field label: Auto generated
0. Next >> Next >> Save.

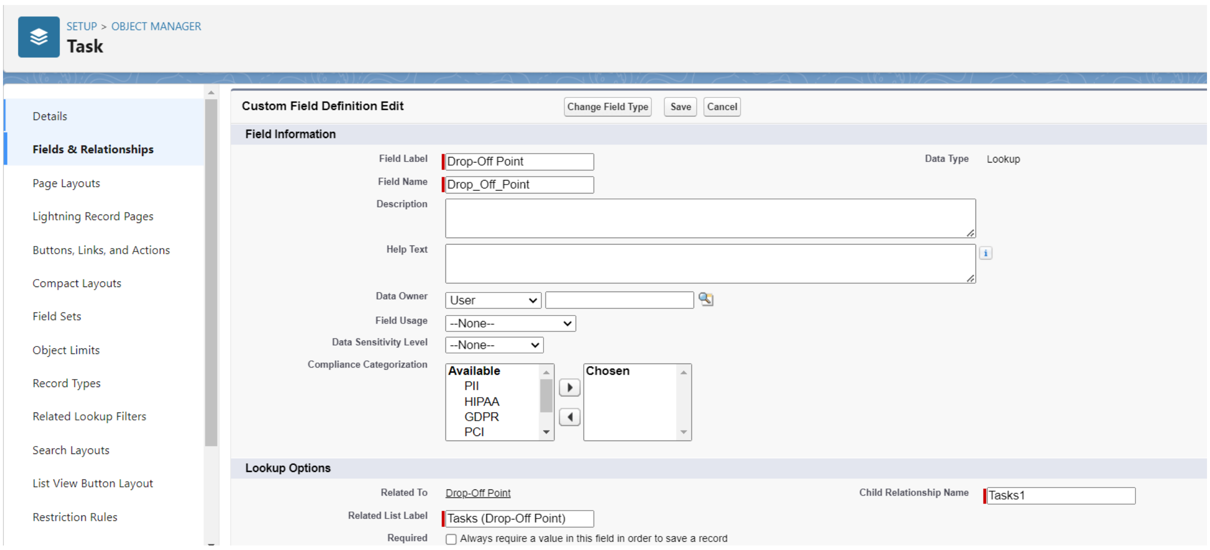
Created the field as per the above instructions and you can observe all the details in the below image:



5.1.6 Creation of Lookup Relationship Field on Task Object:

0. Go to setup>> click on Object Manager >> type object name (Task) in the search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Lookup relationship
0. Select the related object “Drop-Off point” and click next.
0. Field Name: Drop-Off point
0. Field label: Auto generated
0. Next >> Next >> Save.

Created the field as per the above instructions and you can observe all the details in the below image:

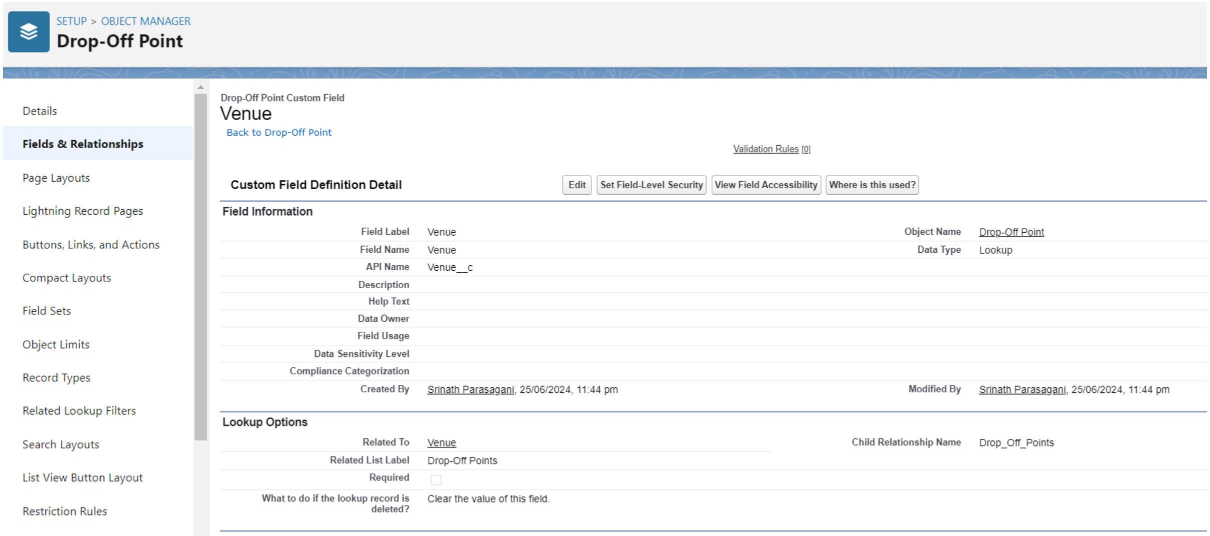


5.1.7 Creation of Lookup Relationship Field on Drop-Off Point Object:

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

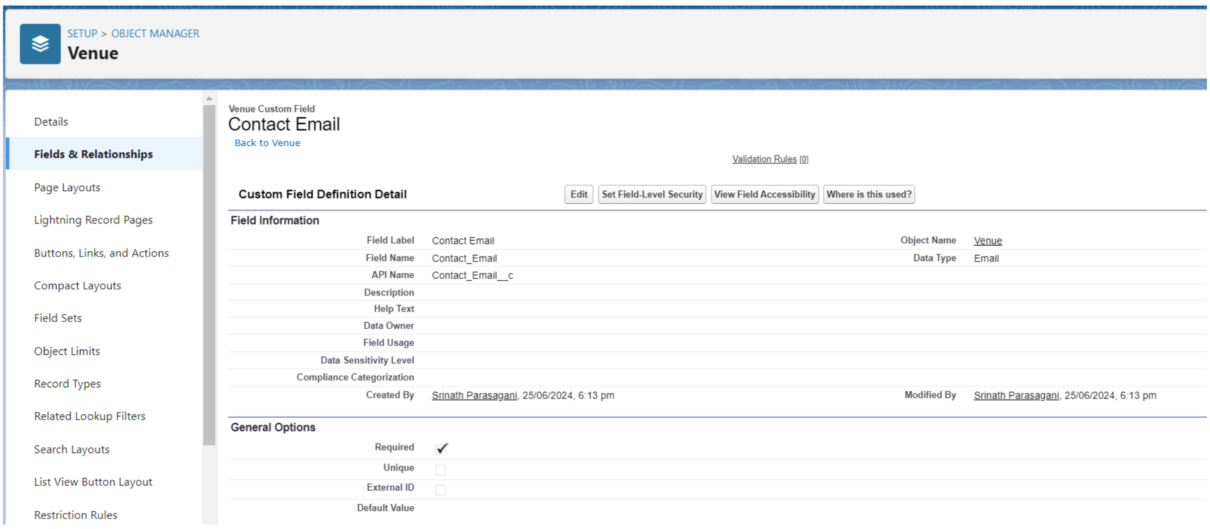
1. Select Lookup relationship
1. Select the related object “Venue” and click next.
1. Field Name: Drop-Off point
1. Field label: Auto generated
1. Next >> Next >> Save.

Created the field as per the above instructions and you can observe all the details in the below image:



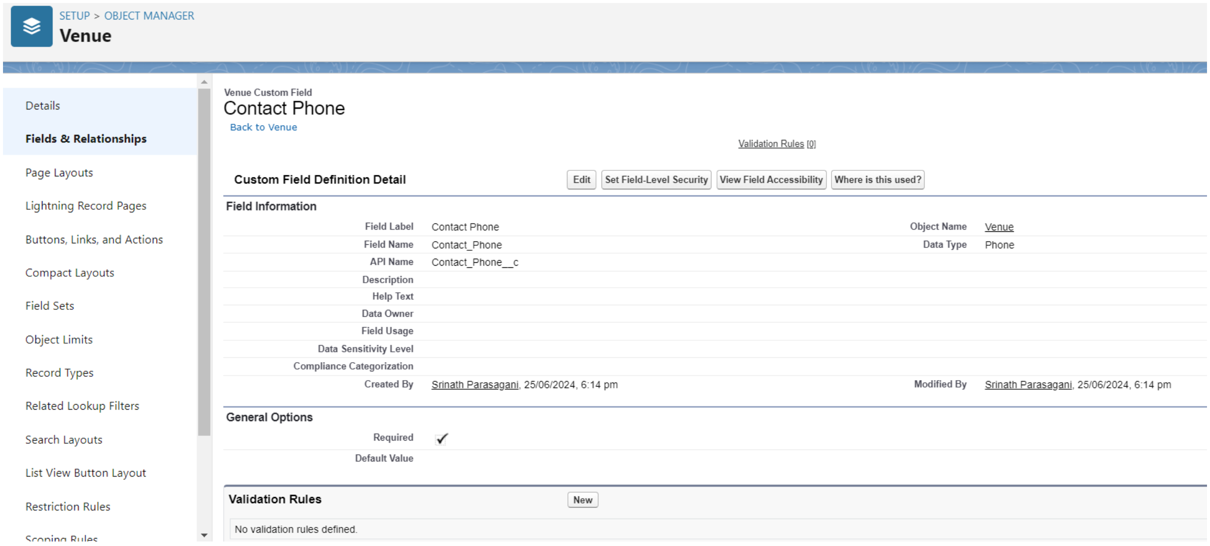
5.2 Creation of Fields for The Venue Object

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.



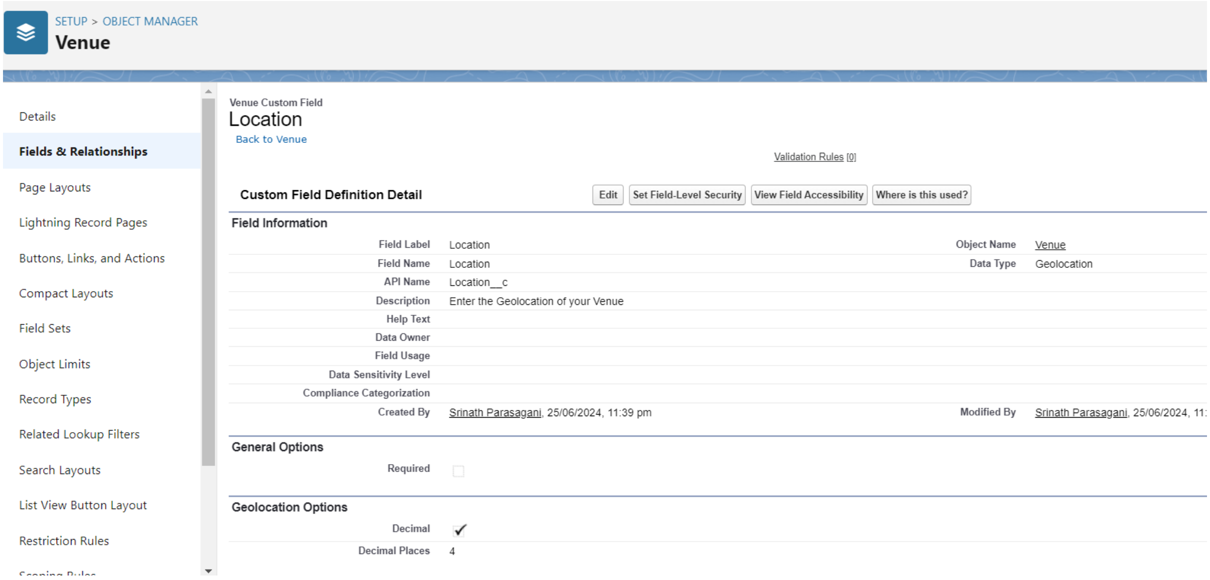
To create another fields in an object:

0. Go to setup >> click on Object Manager >> type object name (Venue) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Phone” and Click on Next
   0. 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.



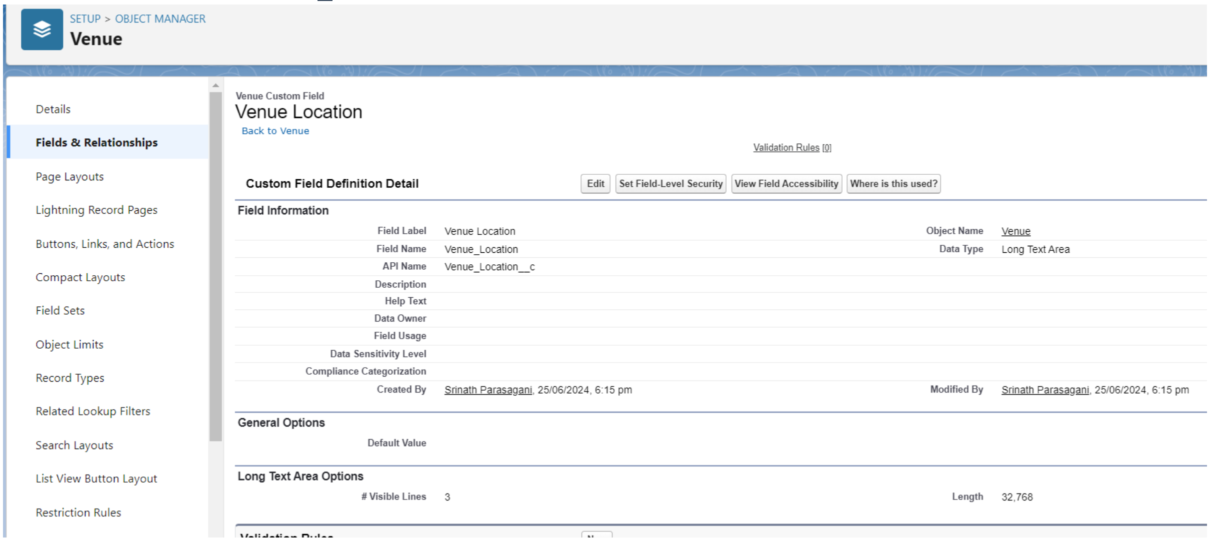
To create another fields in an object:

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:

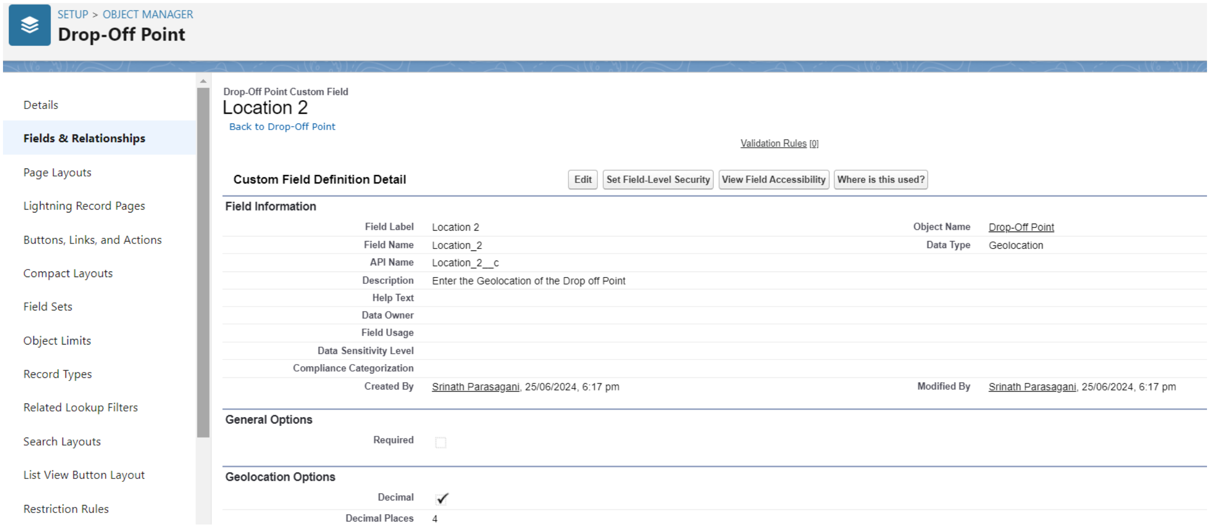
0. Go to setup >> click on Object Manager >> type object name (Venue) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
   0. Select Data type as a “Long Text Area” and Click on Next
0. Fill the Above as following:
   - Field Label: Venue Location
   - Field Name: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



5.3 Creation of Fields for The Drop-Off Point Object

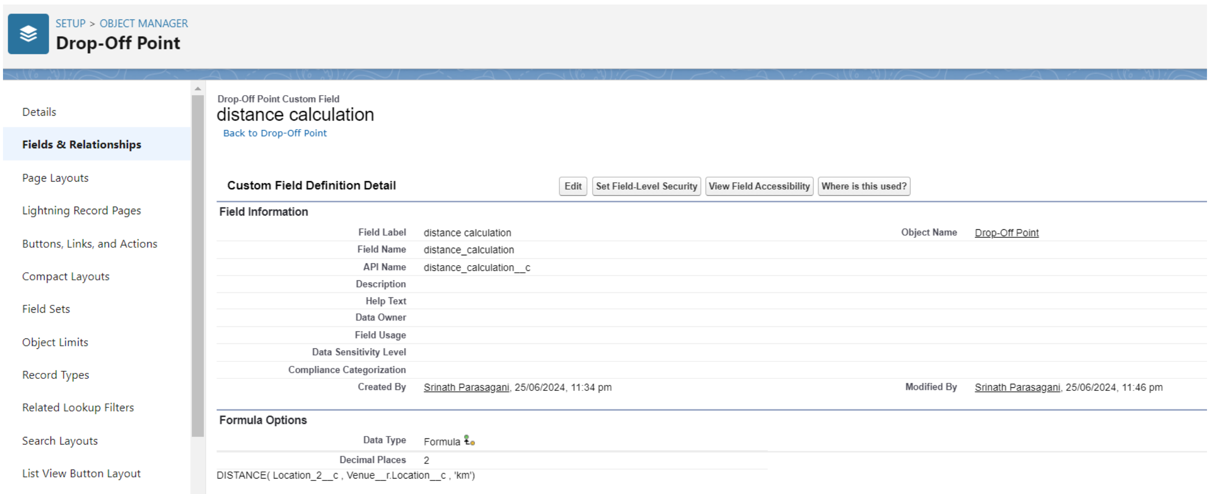
Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Geolocation” and Click on Next
4. Fill the Above as following:
   - Field Label : Location 2
   - Field Name : gets 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.

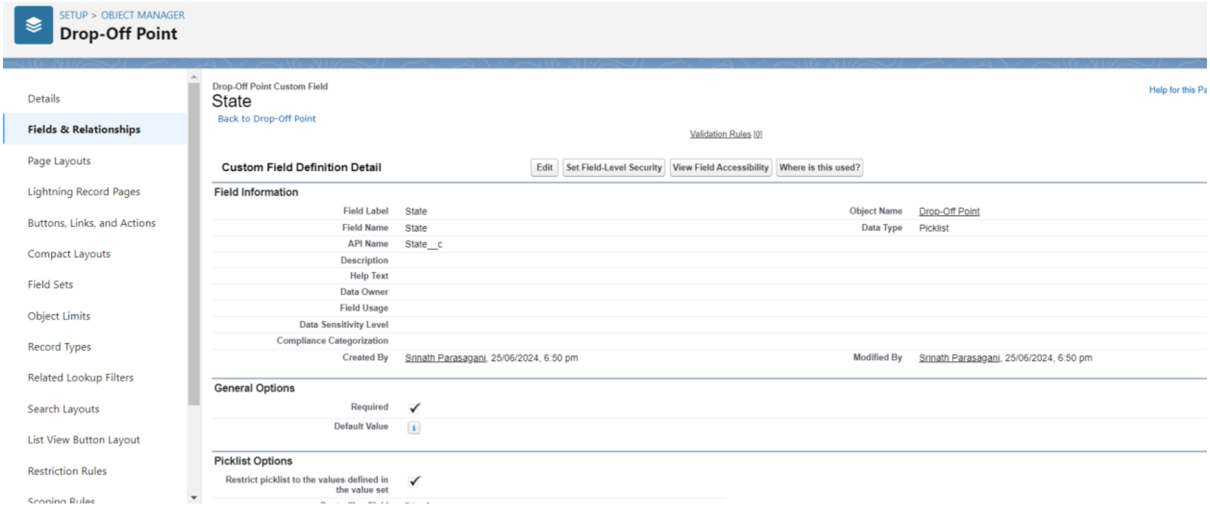


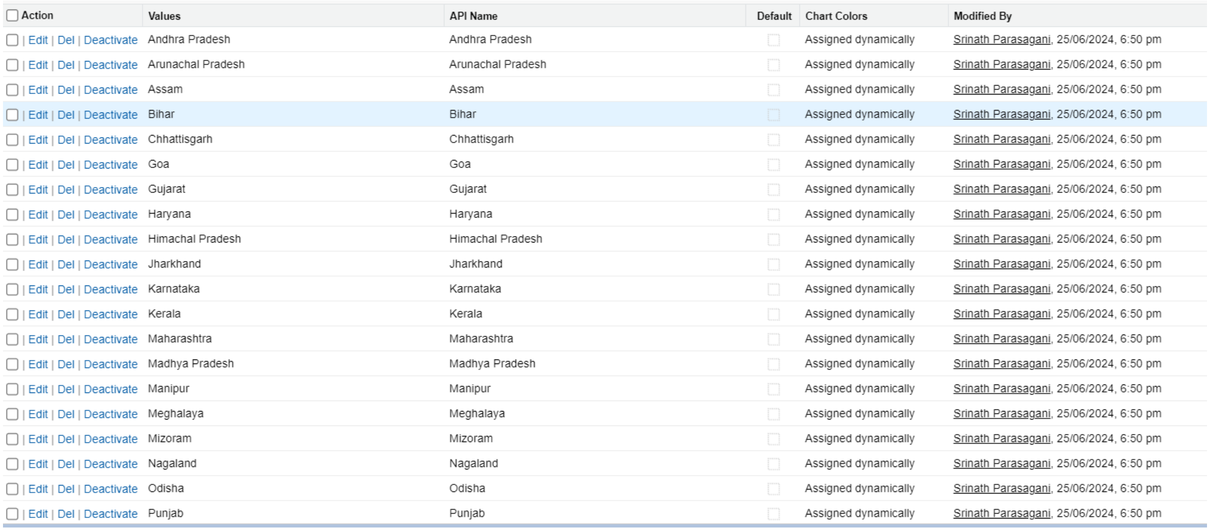
To create another fields in an object:

0. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Picklist” and Click on Next
   0. 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.

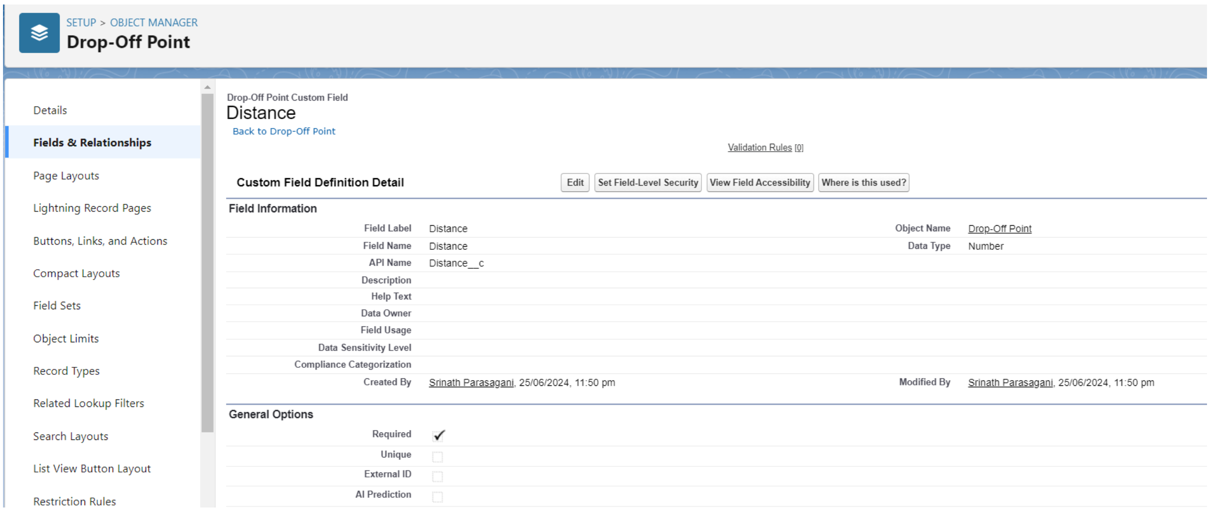




Action	Values	API Name	Default	Chart Colors	Modified By
Edit | Del | Deactivate	Andhra Pradesh	Andhra Pradesh		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Arunachal Pradesh	Arunachal Pradesh		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Assam	Assam		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Bihar	Bihar		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Chhattisgarh	Chhattisgarh		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Goa	Goa		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Gujarat	Gujarat		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Haryana	Haryana		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Himachal Pradesh	Himachal Pradesh		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Jharkhand	Jharkhand		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Karnataka	Karnataka		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Kerala	Kerala		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Maharashtra	Maharashtra		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Madhya Pradesh	Madhya Pradesh		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Manipur	Manipur		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Meghalaya	Meghalaya		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Mizoram	Mizoram		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Nagaland	Nagaland		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Odisha	Odisha		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm
Edit | Del | Deactivate	Punjab	Punjab		Assigned dynamically	Srinath Parasagani, 25/06/2024, 6:50 pm

To create another fields in an object:

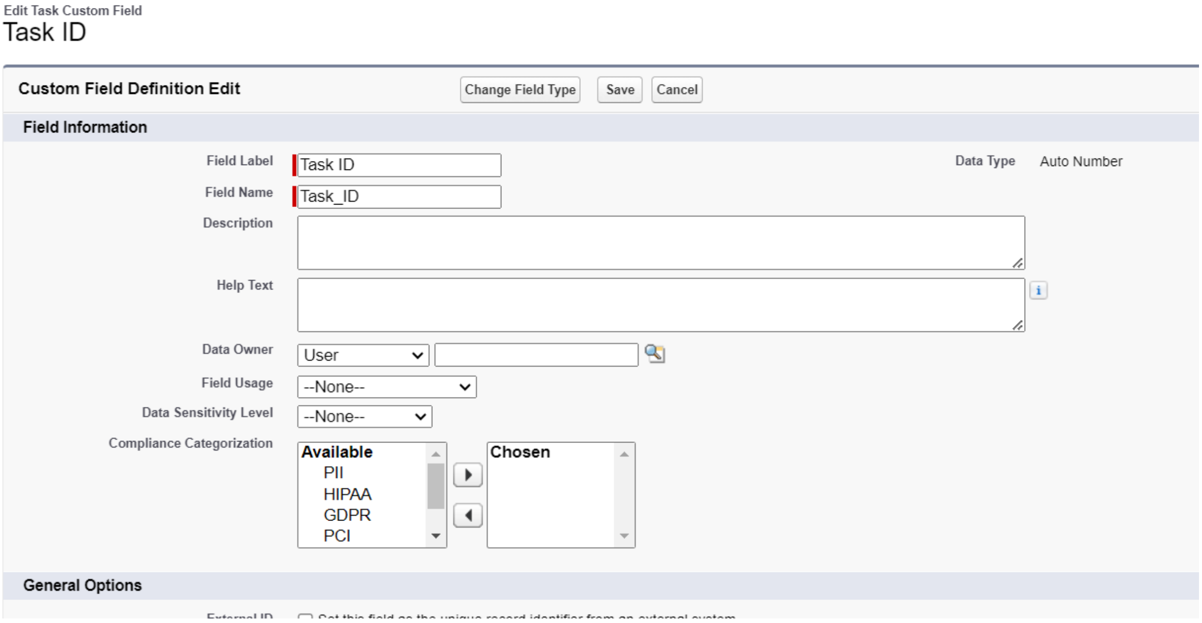
0. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
0. Now click on "Fields & Relationships" >> New
   0. Select Data type as a "Number" and Click on Next
0. Fill the Above as following:
   - Field Label : Distance
   - Field Name : Distance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



5.4 Creation of Fields for The Task Object

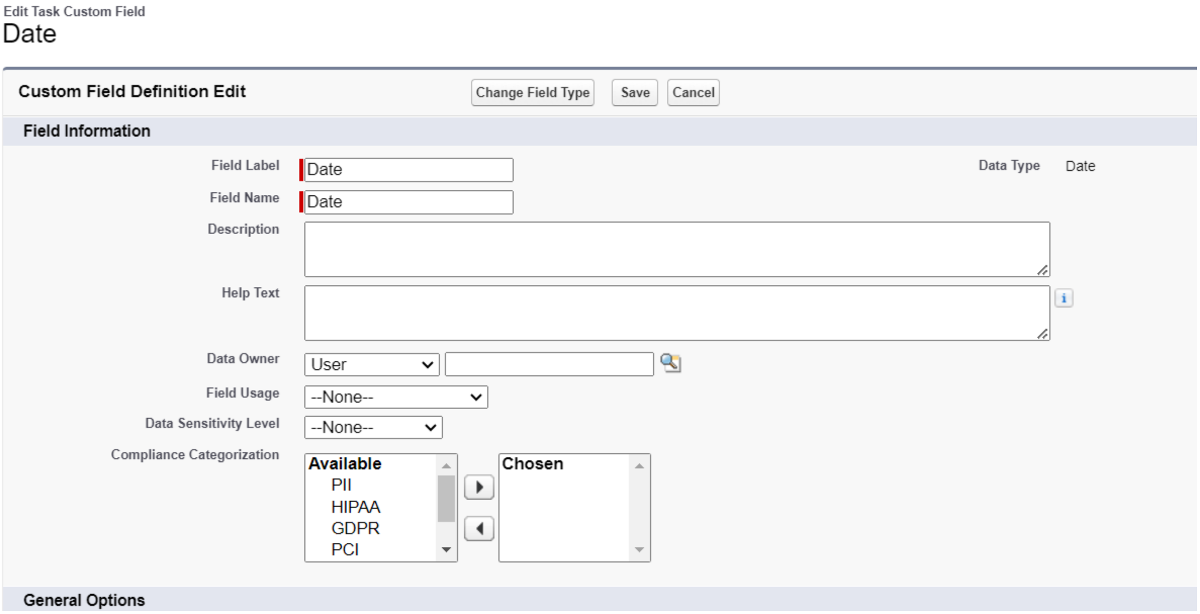
Go to setup>> click on Object Manager >> type object name (Task) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Auto Number” and Click on Next
4. Fill the Above as following:

- 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:

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

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

0. Select Data type as a “Picklist (Multi-Select)” and Click on Next

  0. Fill the Above as following:

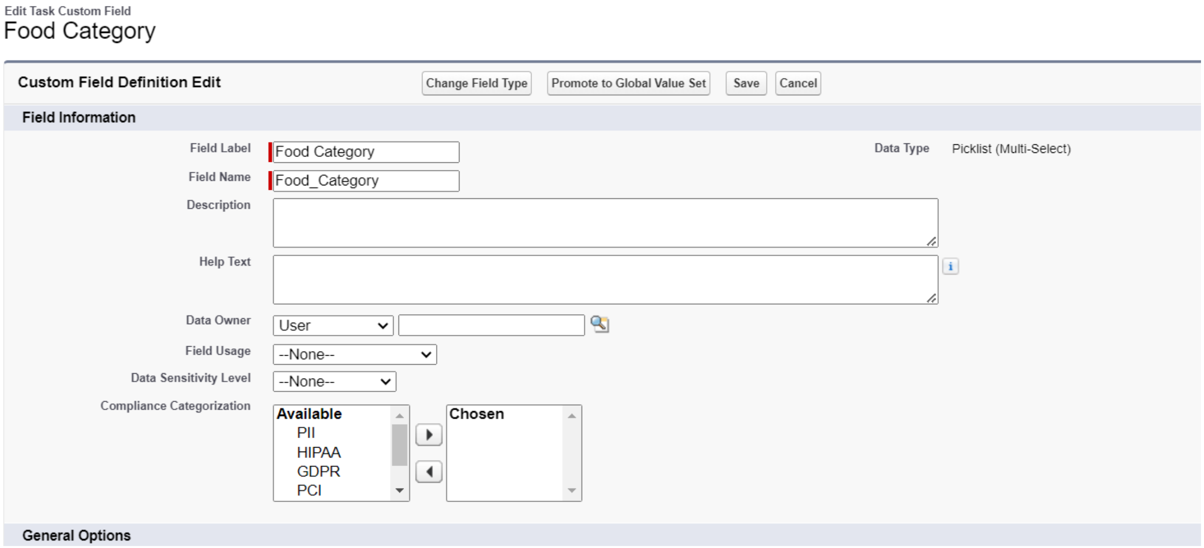
- Field Label : Food Category
- Field Name : Food Category
- Enter values, with each value separated by a new line :

  Veg

  Non-Veg

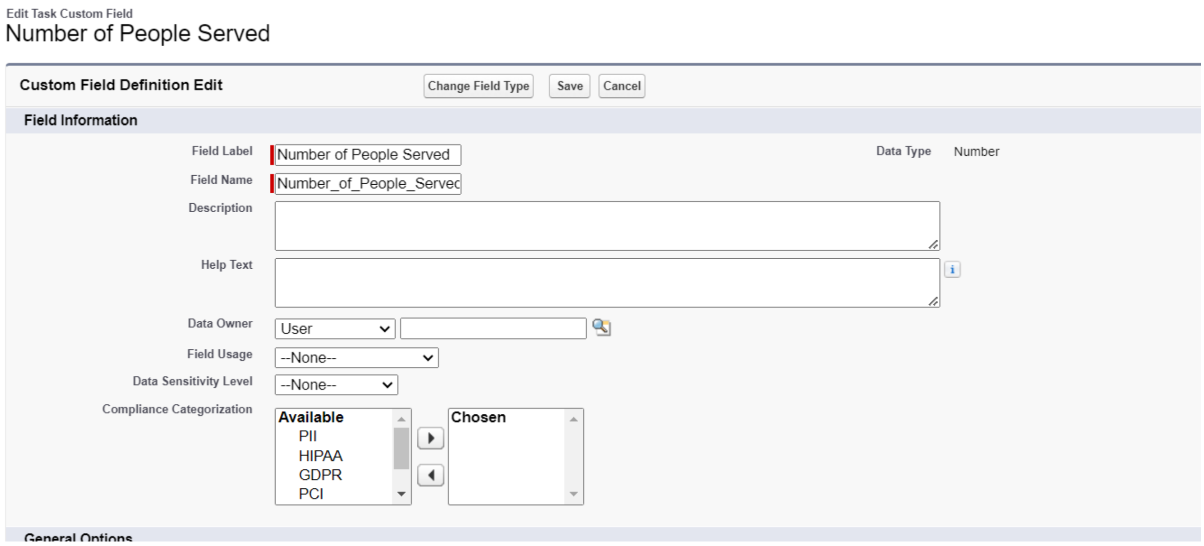
  Salad

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



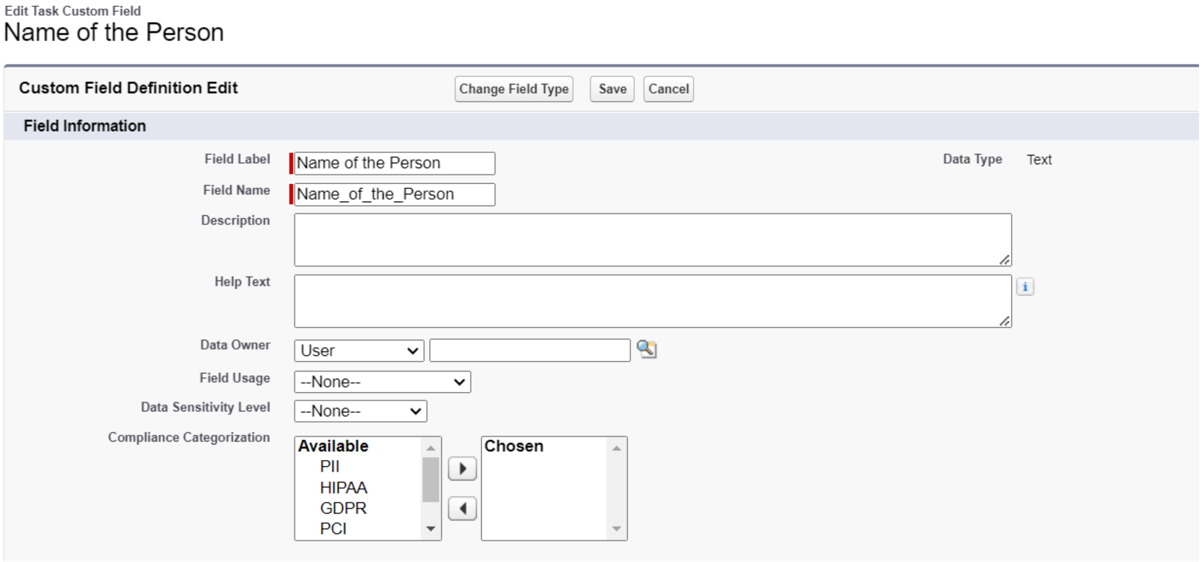
To create another fields in an object:

0. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
    0. Select Data type as a “Number” and Click on Next
0. 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.



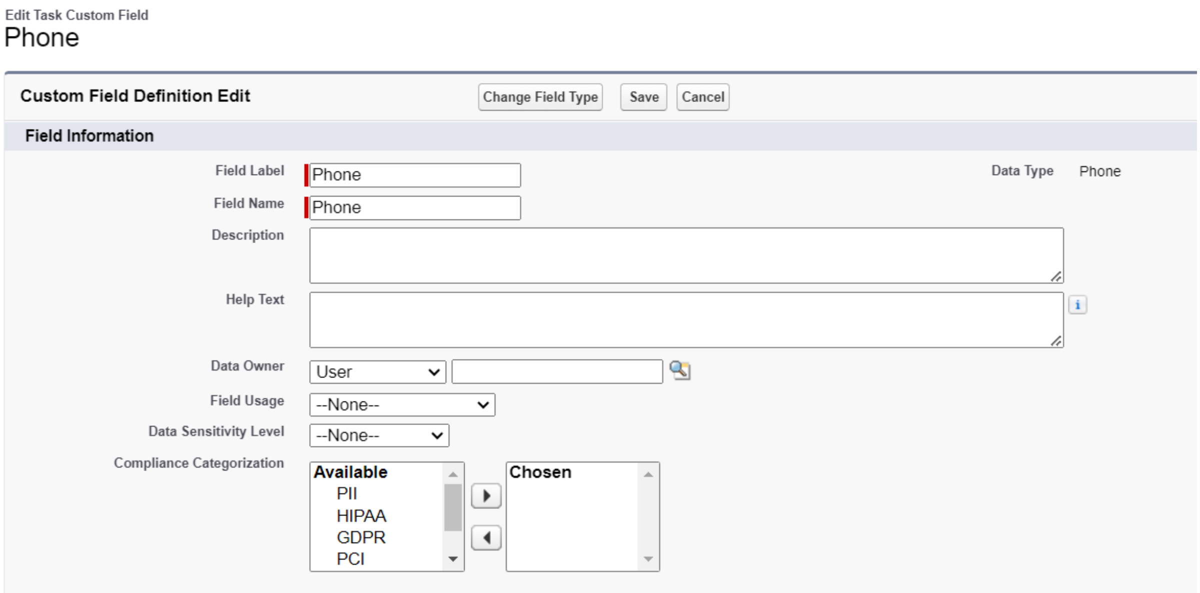
To create another fields in an object:

0. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
    0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Text” and Click on Next
0. 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:

0. Go to setup>> click on Object Manager >> type object name(Task) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Phone” and Click on Next
0. Fill the Above as following:
   - Field Label : Phone
   - Field Name : Phone
   - Click on Next >> Next>> Save and new.



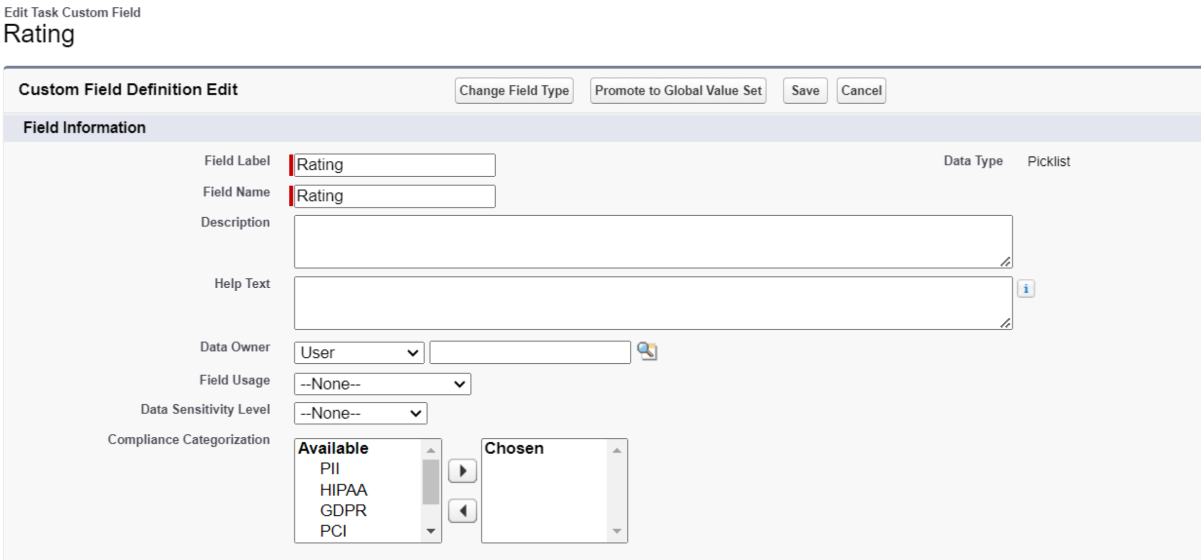
To create another fields in an object:

0. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Pick List” and Click on Next
0. 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

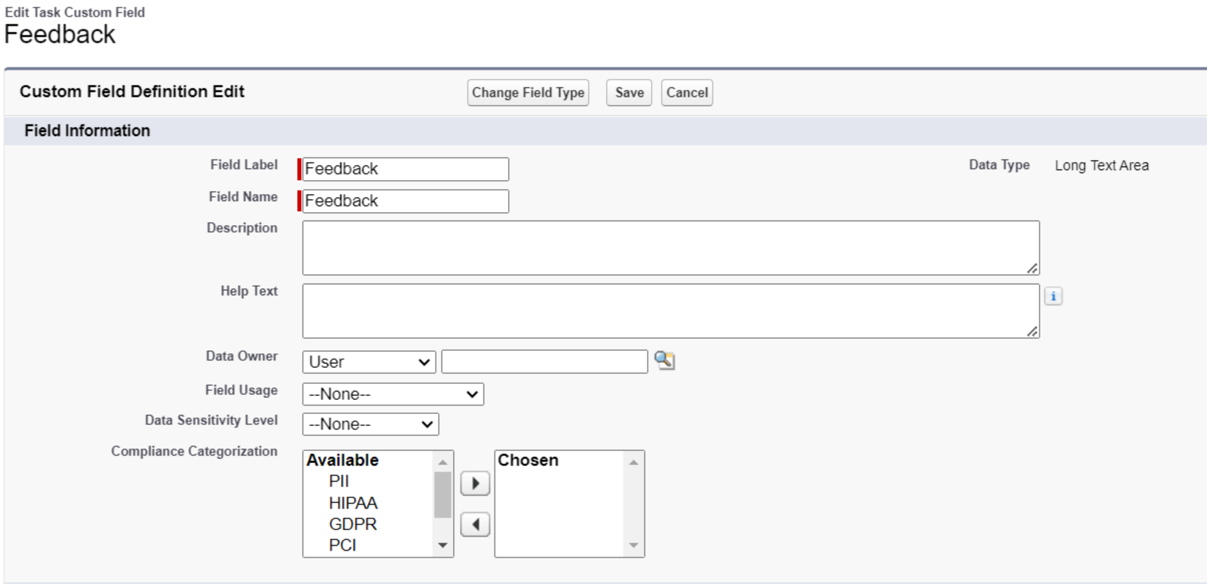
- Click on Next >> Next >> Save and new.



To create another fields in an object:

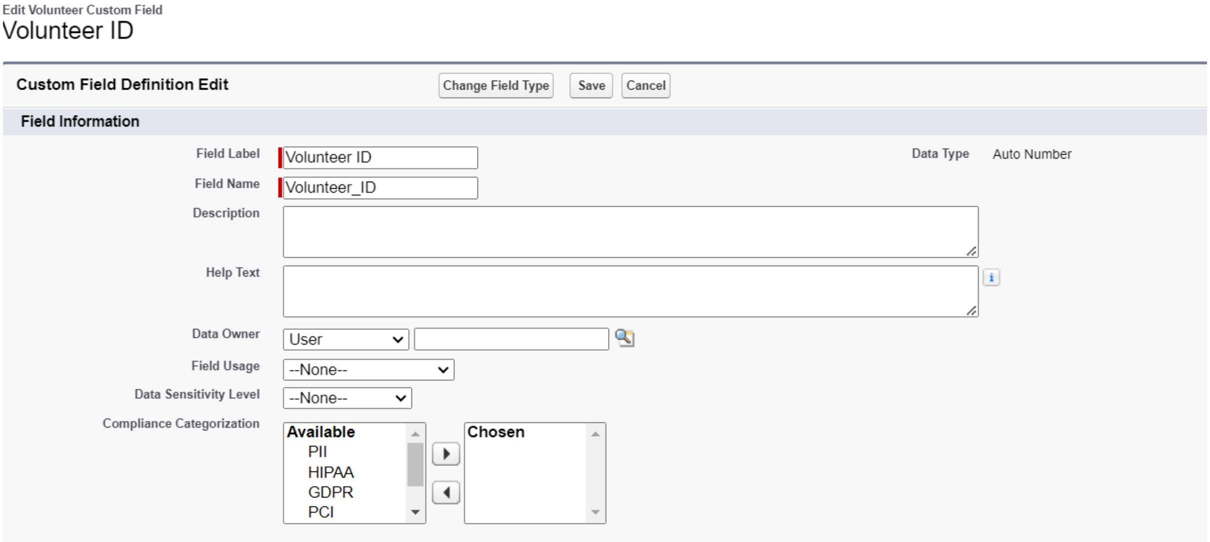
0. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
0. Now click on "Fields & Relationships" >> New
0. Select Data type as a "Long Text Area" and Click on Next
0. Fill the Above as following:

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



5.5 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.

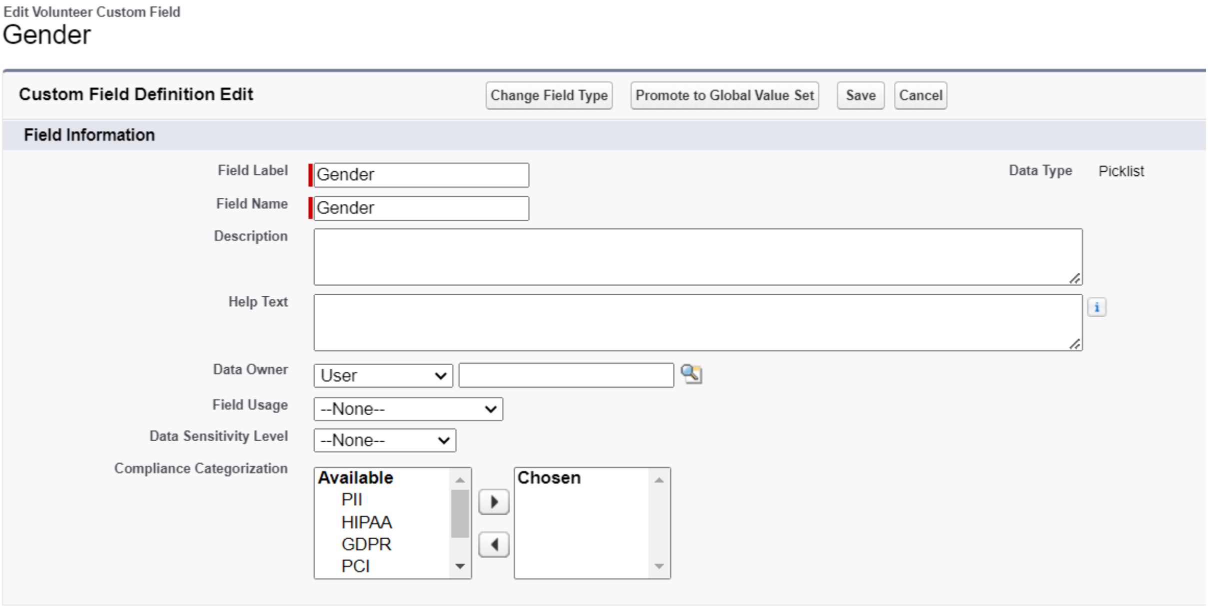


To create another fields in an object:

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 :

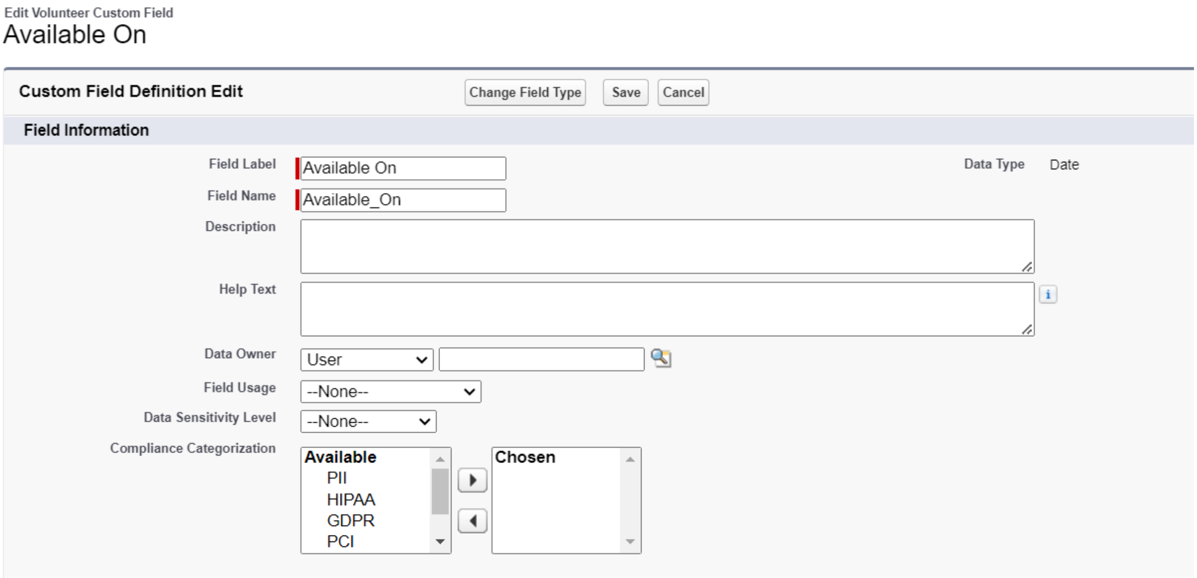
     Female

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



To create another fields in an object:

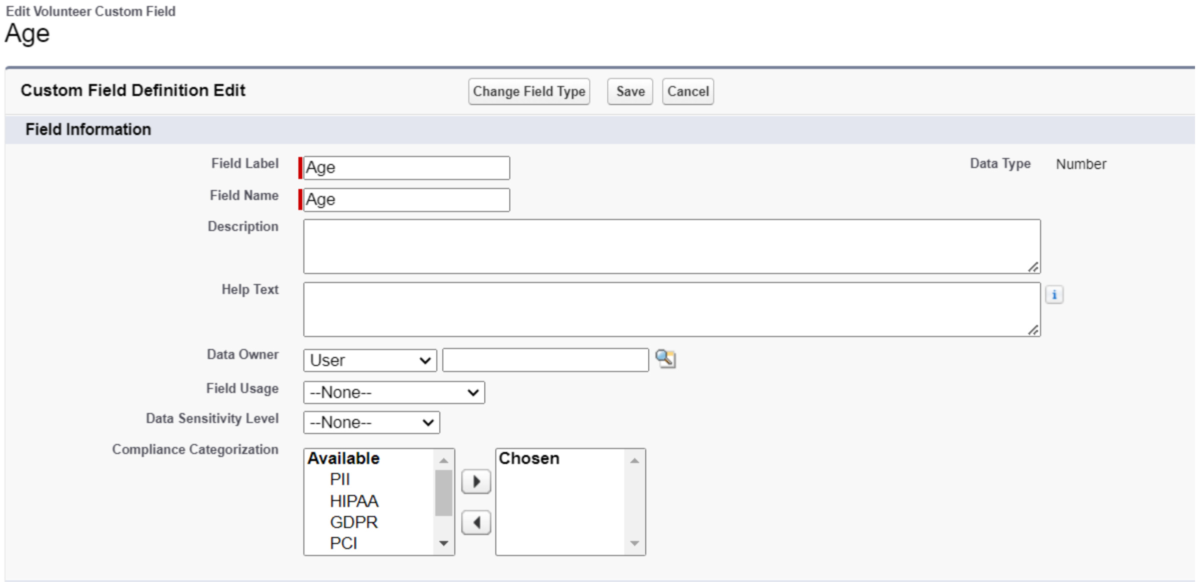
0. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Date” and Click on Next
   0. Fill the Above as following:
   - Field Label : Available On
   - Field Name : Available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



To create another fields in an object:

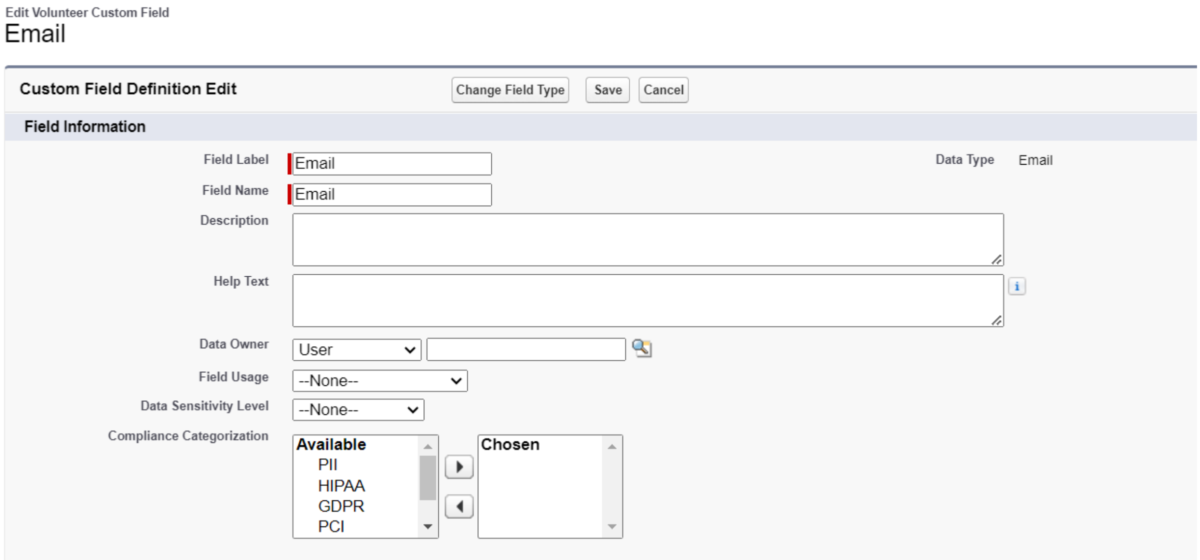
0. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
   0. Select Data type as a “Number” and Click on Next
0. Fill the Above as following:
   - Field Label : Age
   - Field Name : Age

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



To create another fields in an object:

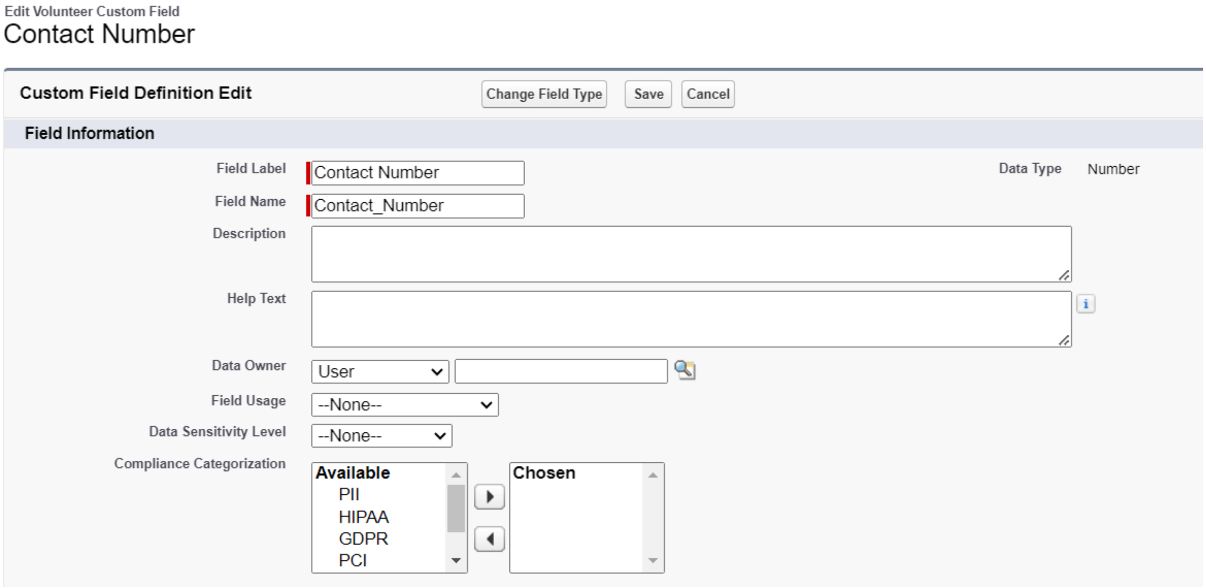
0. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
    0. Now click on "Fields & Relationships" >> New
0. Select Data type as a "Email" and Click on Next
0. Fill the Above as following:
    - Field Label : Email
    - Field Name : Email
   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



To create another fields in an object:

0. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
0. Now click on "Fields & Relationships" >> New
0. Select Data type as a "Number" and Click on Next
0. Fill the Above as following:
    - Field Label : Contact Number

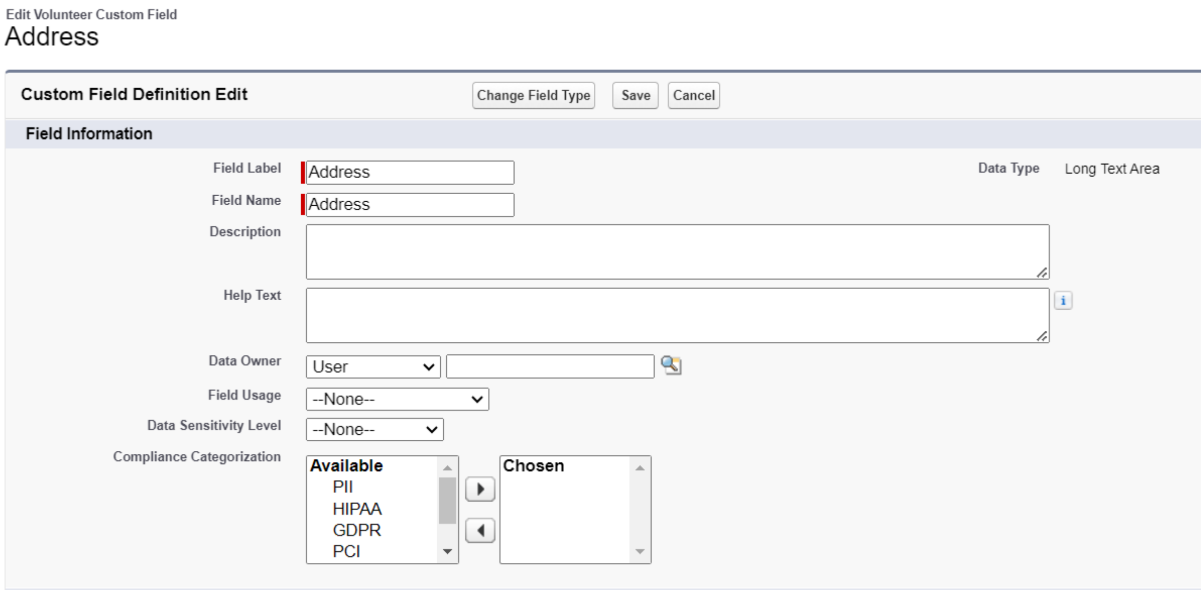
- Field Name : Contact_Number
- Click on required check box
- Click on Next >> Next >> Save and new.



To create another fields in an object:

0. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Text Area (Long)” and Click on Next
0. Fill the Above as following:

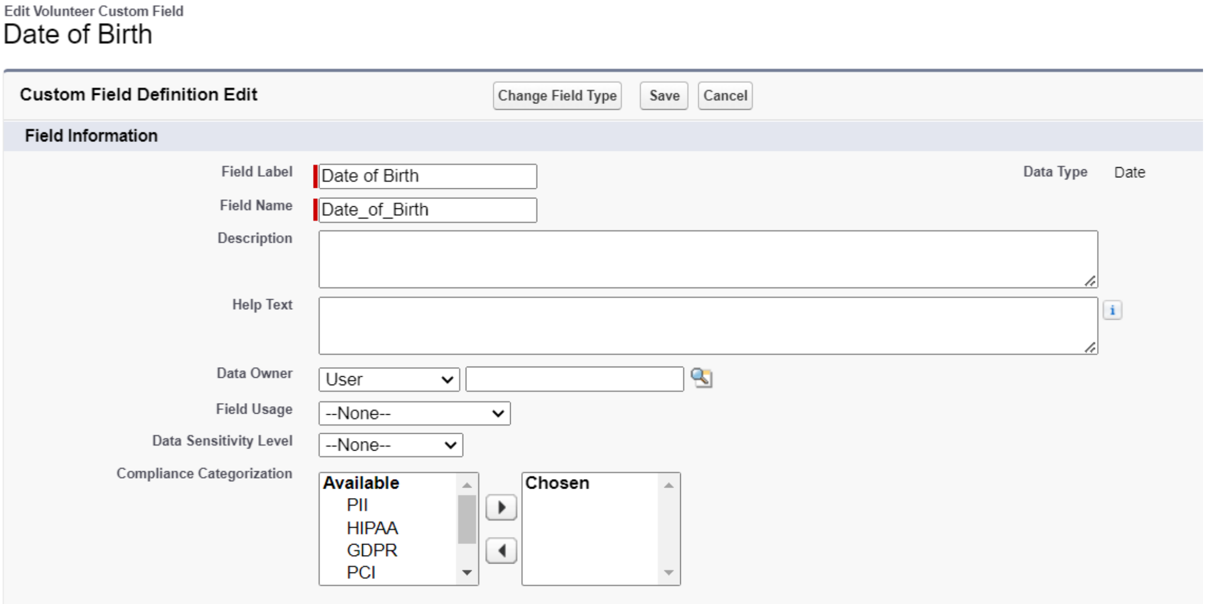
- Field Label : Address
- Field Name : Address
- Click on Next >> Next >> Save and new.



To create another fields in an object:

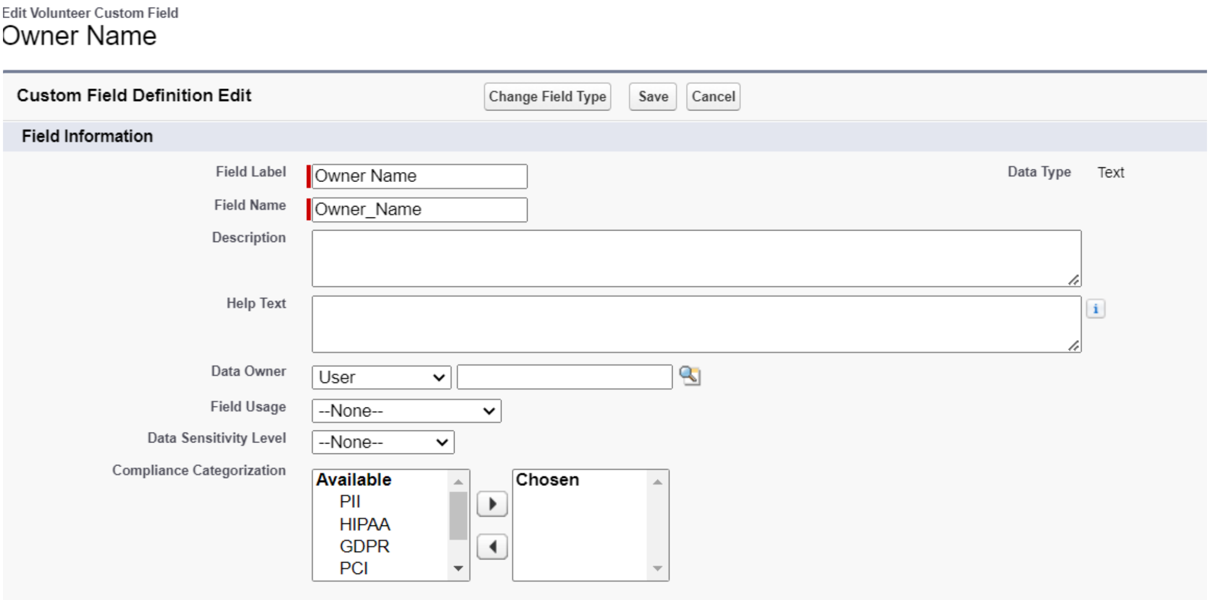
0. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
0. Now click on “Fields & Relationships” >> New
0. Select Data type as a “Date” and Click on Next
0. Fill the Above as following:

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



To create another fields in an object:

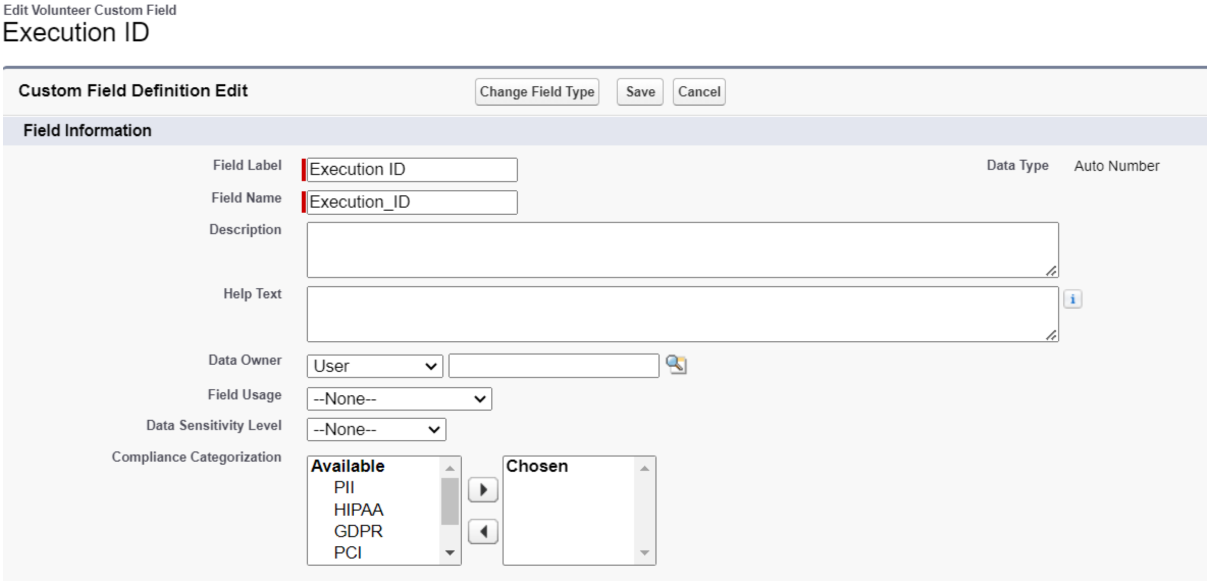
1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
1. Now click on “Fields & Relationships” >> New
1. Select Data type as a “text” and Click on Next
1. Fill the Above as following:
   - Field Label : Owner Name
   - Field Name : Owner Name
   - Click on Next >> Next >> Save and new.



5.6 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.

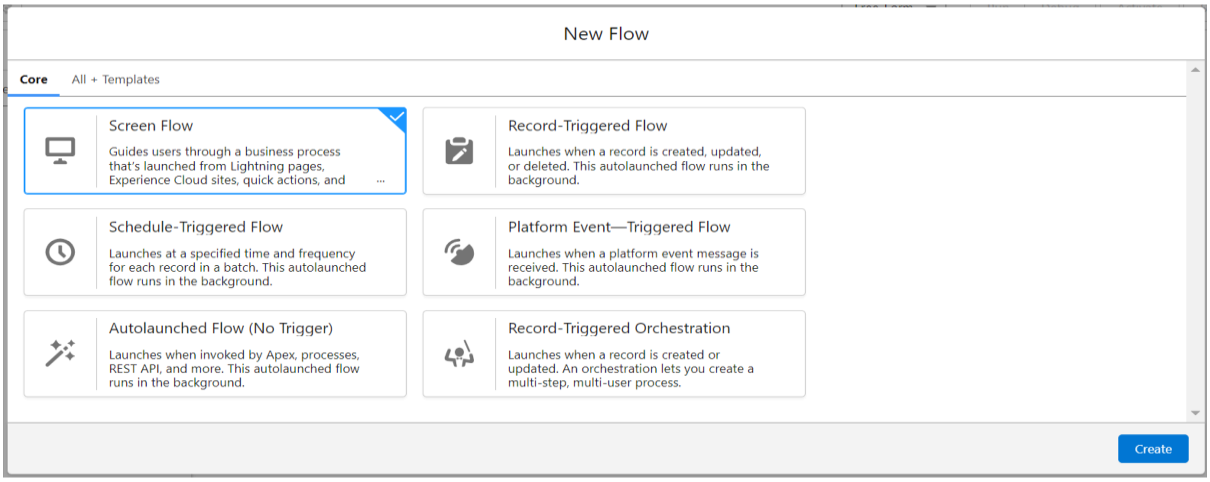
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Auto Number” and Click on Next
4. Fill the Above as following:
- Field Label : Execution ID
- Field Name : gets auto generated
- Click on required check box
- Click on Next >> Next >> Save and new.



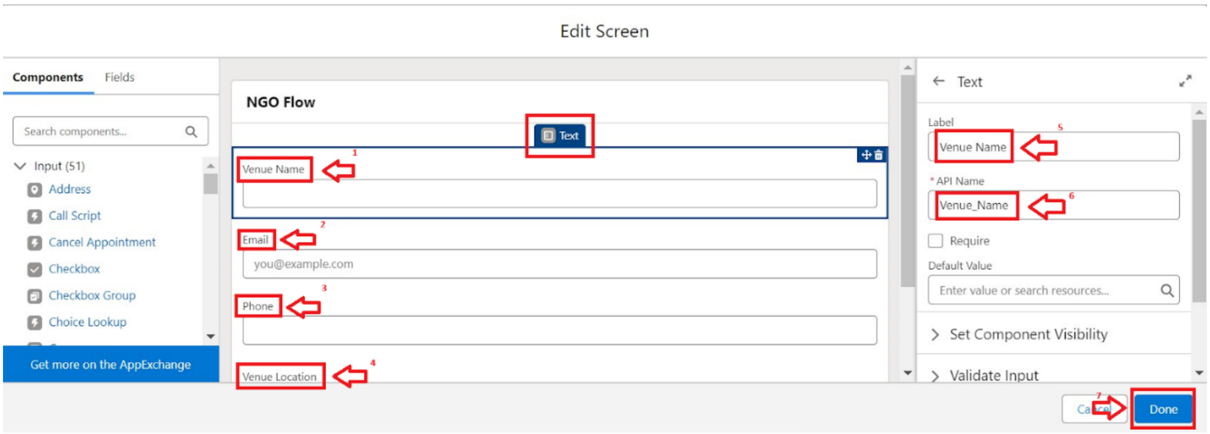
6.Flows

6.1 Created 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.



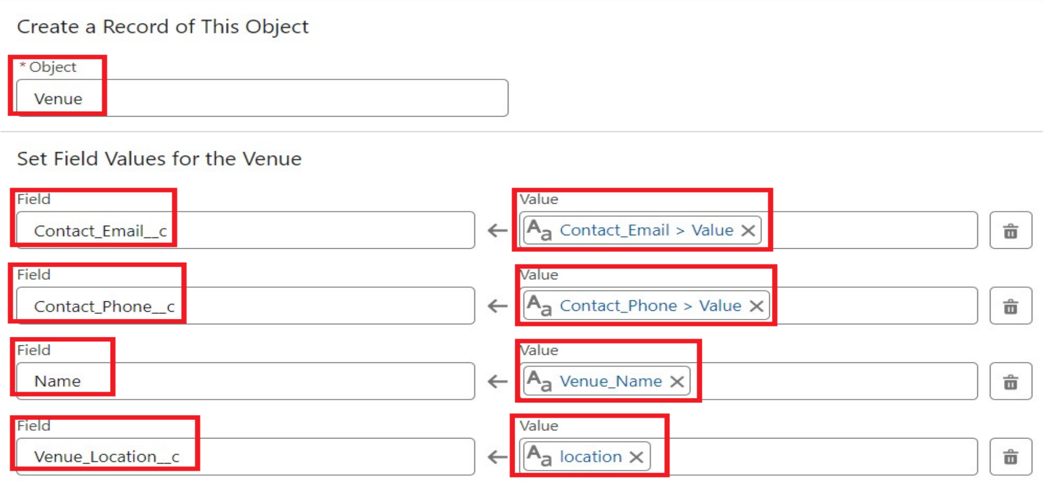
0. Click on the '+' icon in between start and end, and click on screen element.
0. Under the Screen Properties:
Label : Venue Details
API Name : Venue_Details
0. Now lets add components in this flow. Click on Text Component and name it as:
Label : Venue Name
API Name : Venue_Name
0. Click on Email Component and name it as:
Label : Email
API Name : Contact_Email
0. Click on Phone Component and name it as:
Label : Phone
API Name : Contact_Phone
0. Click on Text Component and name it as:
Label : Venue Location
API Name : Venue_Location
0. Click on Number Component and name it as:
Label : Latitude
API Name : Latitude
0. Click on Number Component and name it as:
Label : longitude
API Name : longitude
0. Next click on Done. This would like below



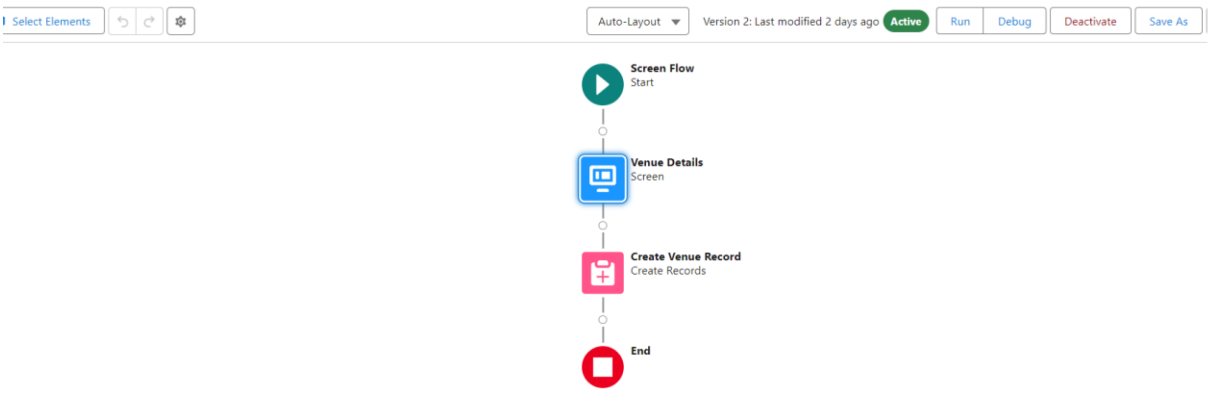
0. Click on the '+' icon in between Venue details and end, and click on create record element.
0. Now label it as
Label : Create Venue Record
API Name : Create_Venue_Record
How Many Records to Create : One
How to Set the Record Fields : Use separate resources, and literal values

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}

0. This would look like:



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

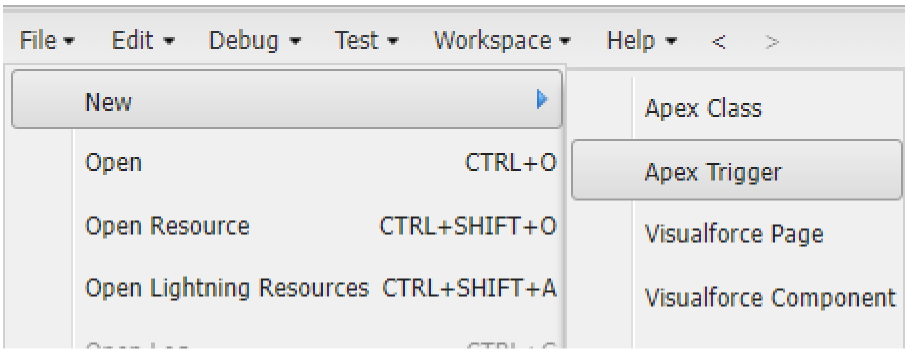


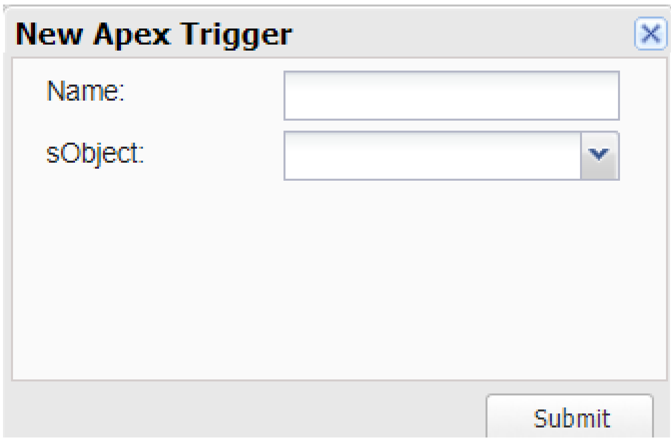
In the above picture, you can see a screen named **Venue Details** and Created records named **Create Venue Record.**

7. Trigger

7.1 Created 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.





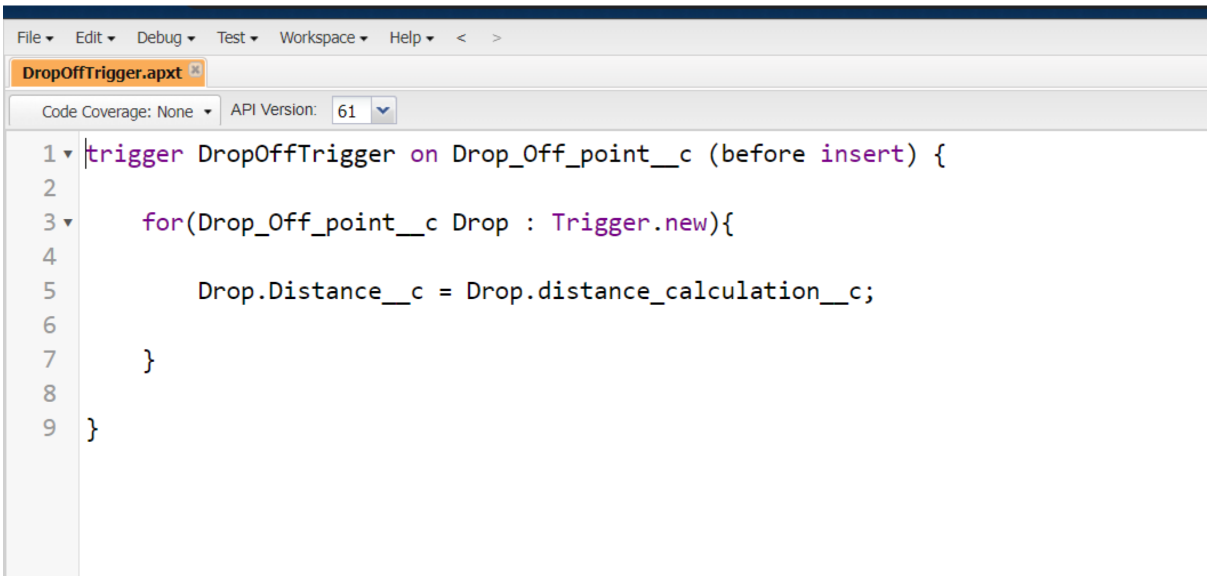
0. Enter Name : DropOffTrigger
sObject: Drop-Off Point
0. Click on Submit.

7.2 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;
    }
}
```

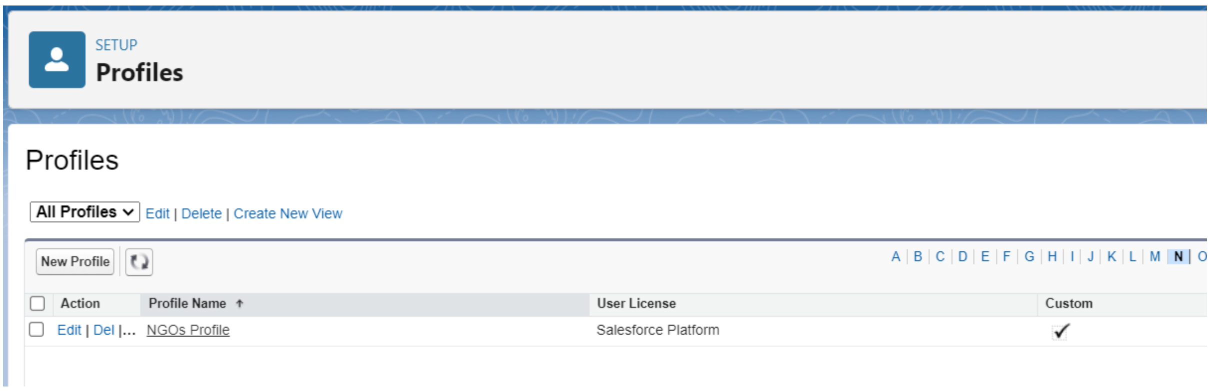


8.Profiles

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

   Profile Name: NGOs Profile

1. Then click on Save



9. Creation Of Users

9.1 Creation of User1

1. Go to setup page >> type users in Quick Find bar >> click on users>> New user.
    2. First Name : Iksha Foundation
    Last Name : Iksha_Foundation
    Alias : iiksh
    Nickname : Auto Populated
    User License : Salesforce Platform
    Profile : NGOs Profile
    Active : Check

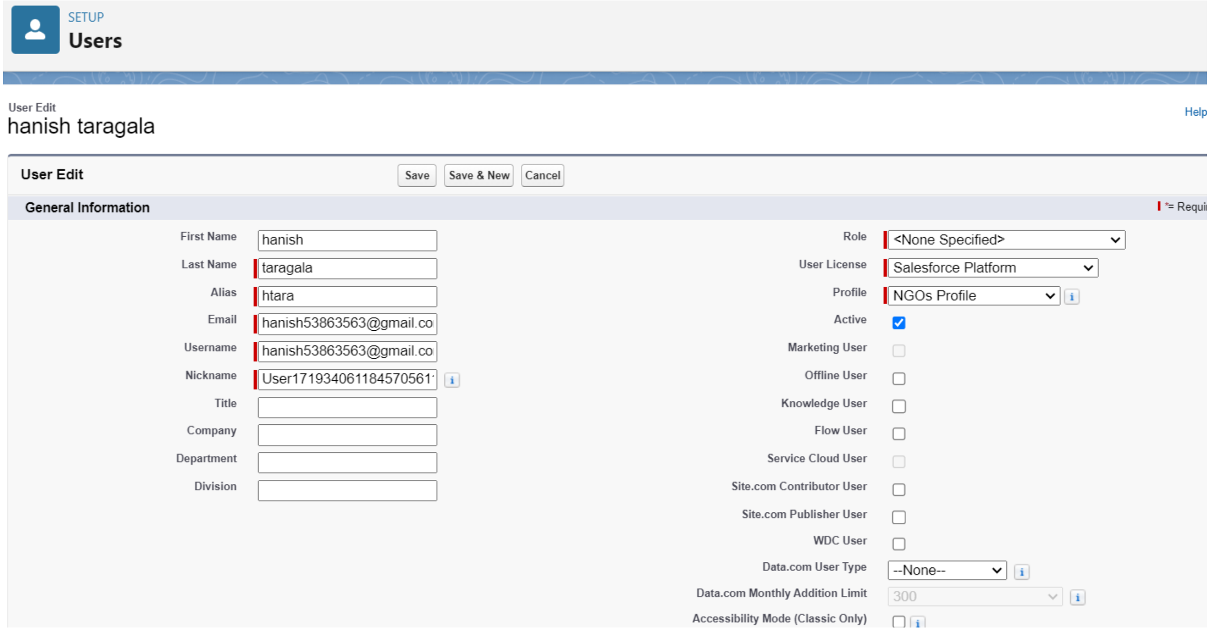
0. Click on Save

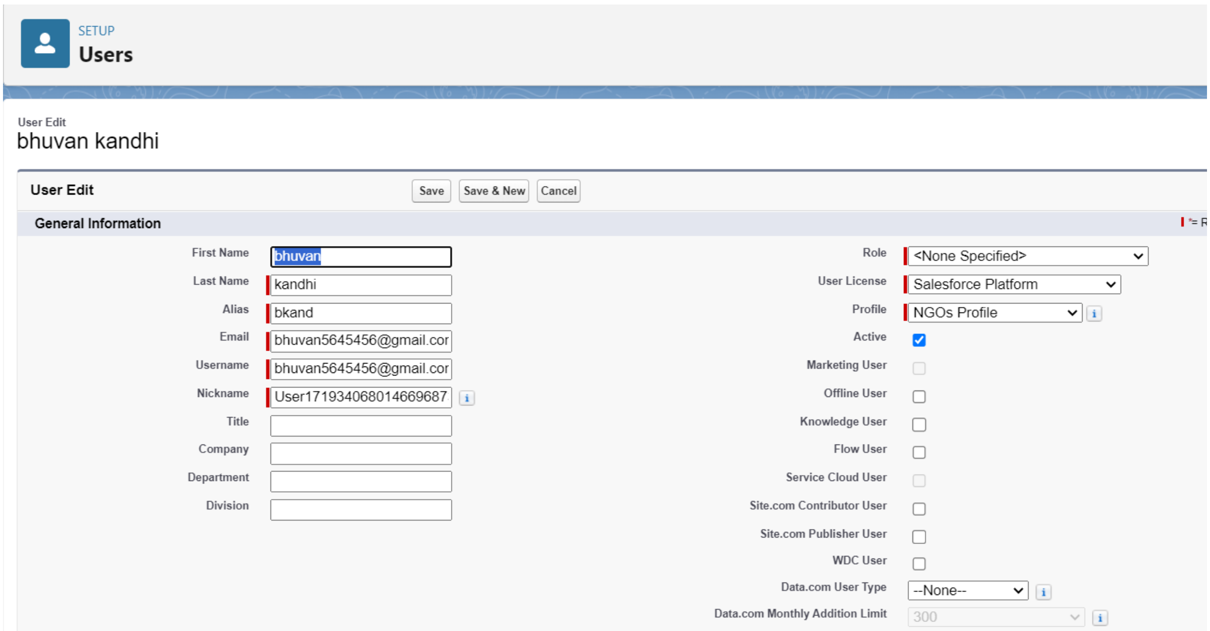
9.2 Creation of User2, User2

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.

Using above instructions, I created two more users and they are:



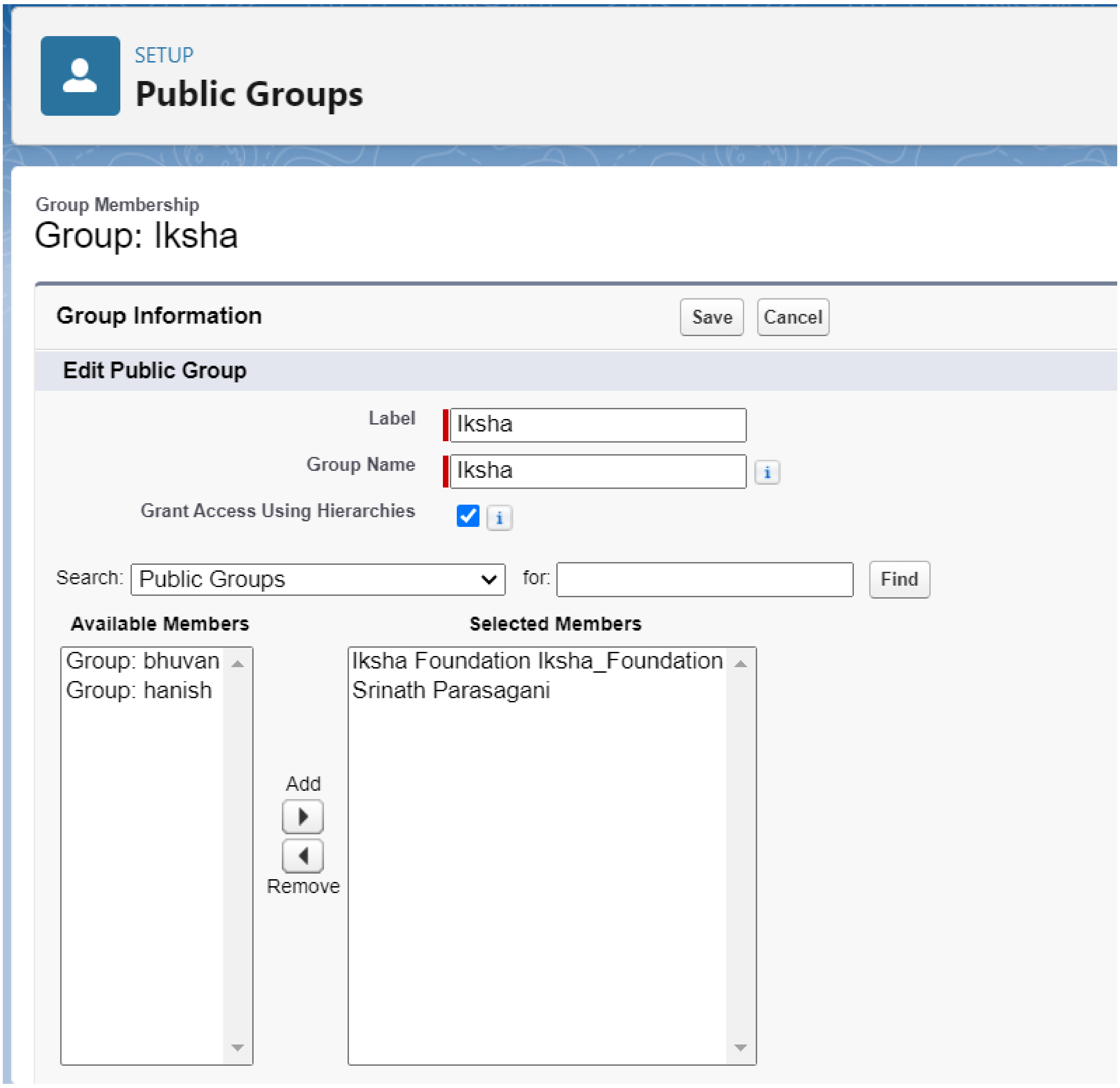


10.Public Groups

10.1 Creation of Public Group 1

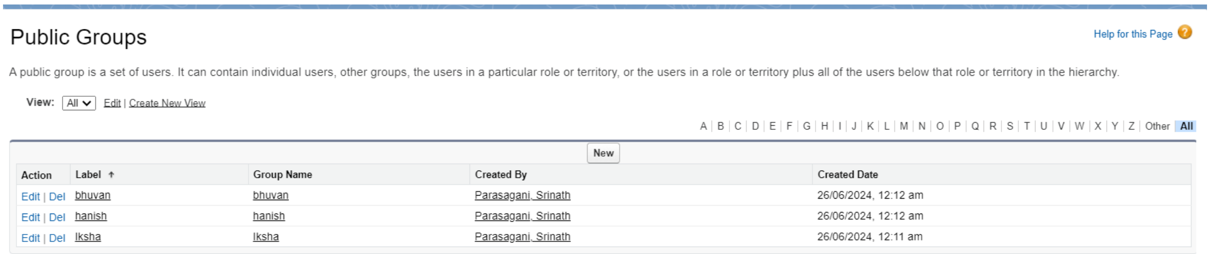
1. Go to setup page >> type Public Groups in Quick Find bar >> click on Public Groups >> click on New.
2. Under Group Information:
   Label : Iksha
   Group Name : Iksha
   Grant Access Using Hierarchies : Check

0. In Search, Select Users.
0. In Selected Members Add Iksha Foundation and System Administrator



10.2 Creation of Public Group 2

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



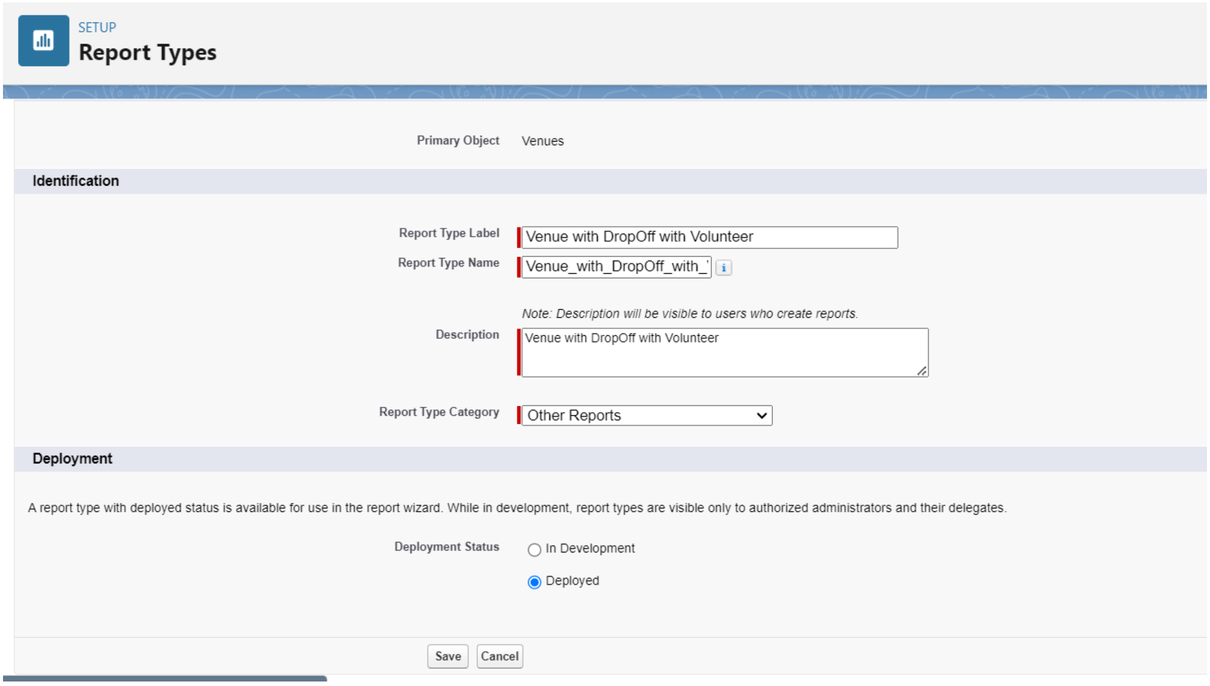
11.Report Types

11.1 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

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



12. Reports

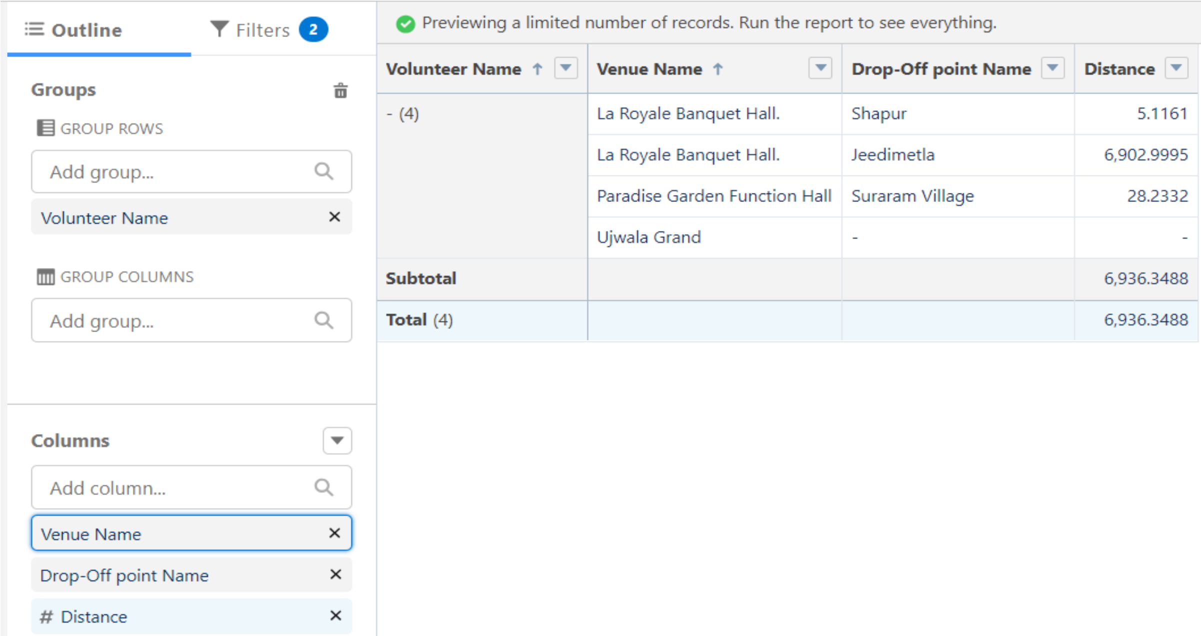
12.1 Creation of Report on Venue with DropOff with Volunteer

1. Go to the app (FoodConnect) >> click on the reports tab
2. Click on New Folder.

Folder Label: Custom Reports
Folder Unique Name: CustomReports

0. Open Custom Reports and click on New Report
0. Select Report Type: Venue with DropOff with Volunteer

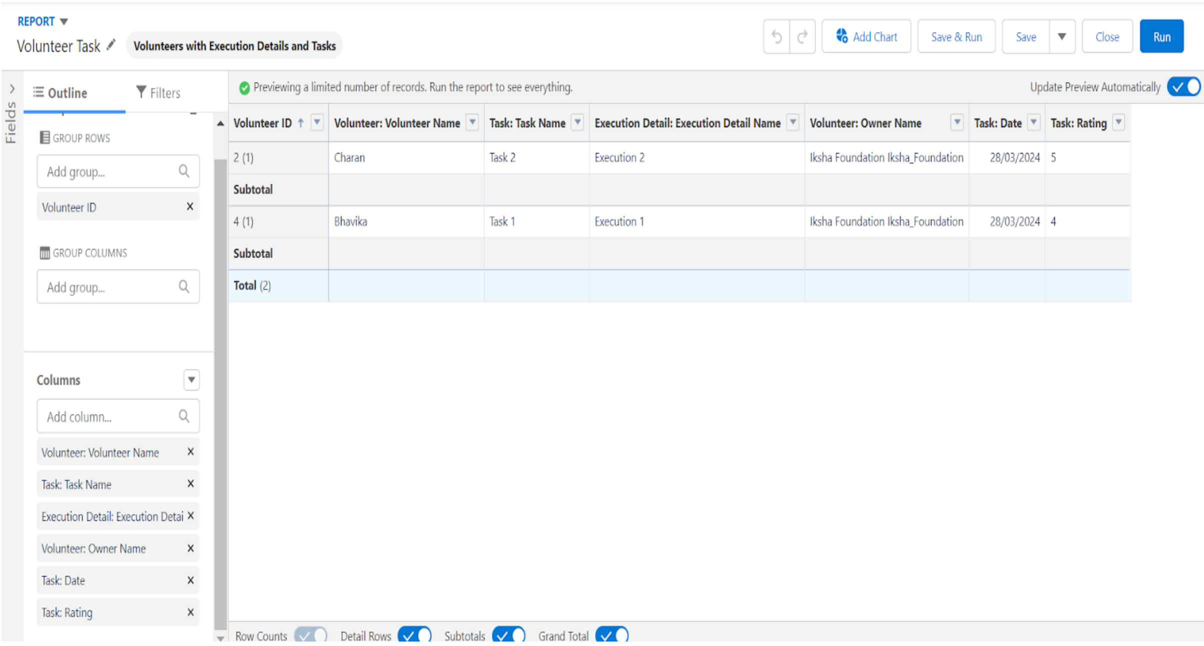
0. Then click on Start Report.
0. In GROUP ROWS: Add Volunteer Name
0. In Columns: Add Venue Name, Drop-Off point Name, Distance.



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

12.2 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.



0. Now click on Save & Run.
0. 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.

13.Dashboards

13.1 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

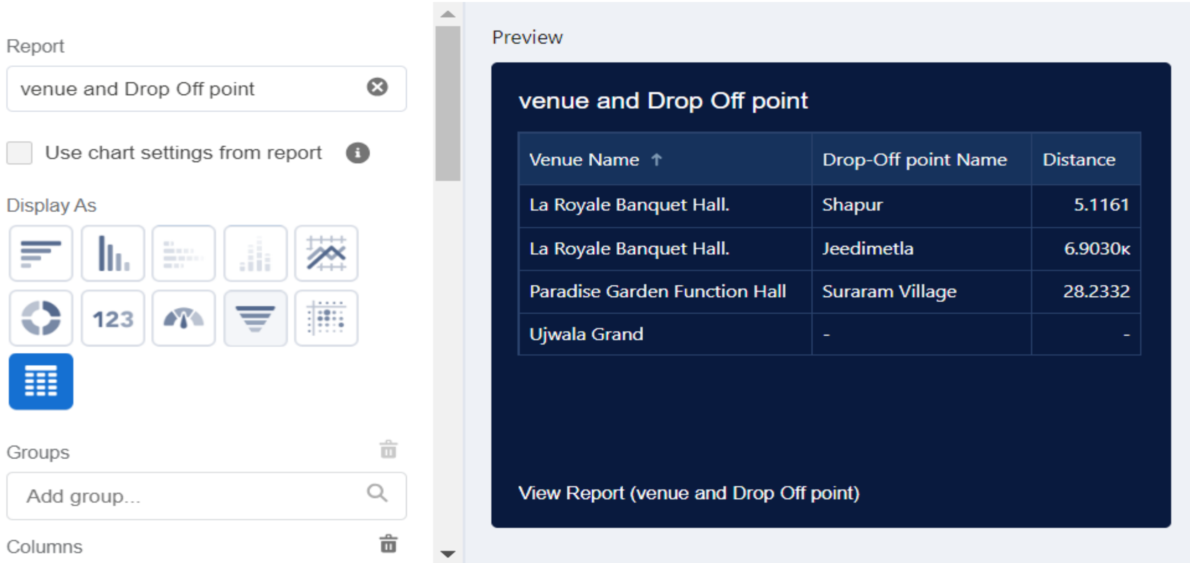
   Folder Unique Name: Auto Populated

0. Open Custom Dashboards and click on New Dashboards
0. Name: Organization Details
0. Click on Widget and select Chart or Table

0. In Select Report: Select venue and Drop Off point Report.
0. Then click on select
0. In Add Component:

   Display As: Select Lightning Table

   Component Theme: Select Dark (Optional)



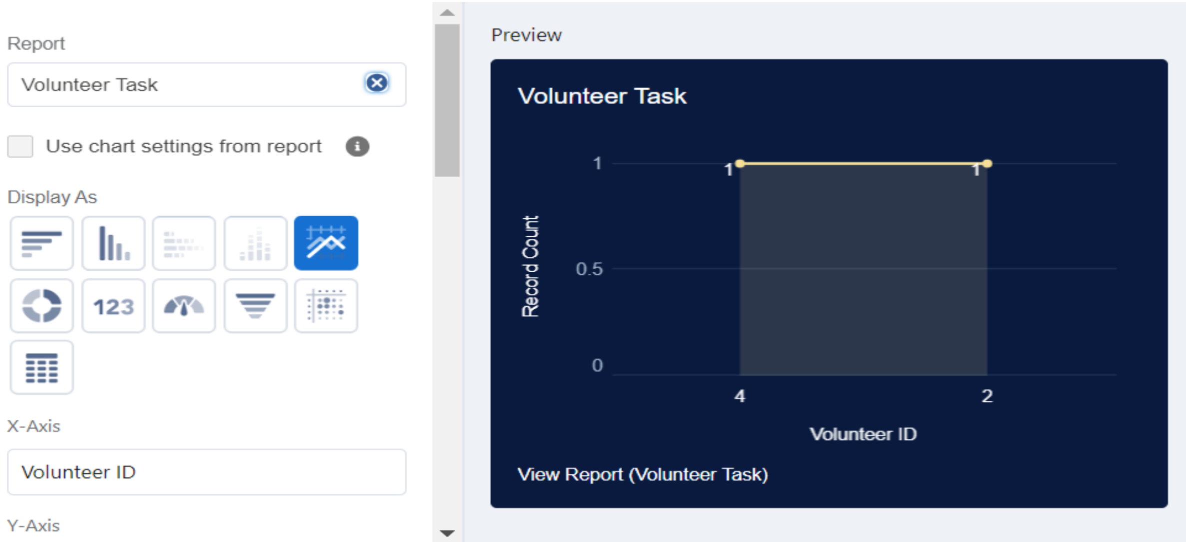
1. Now click on save.

13.2 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.

14. Sharing Rules

14.1 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:

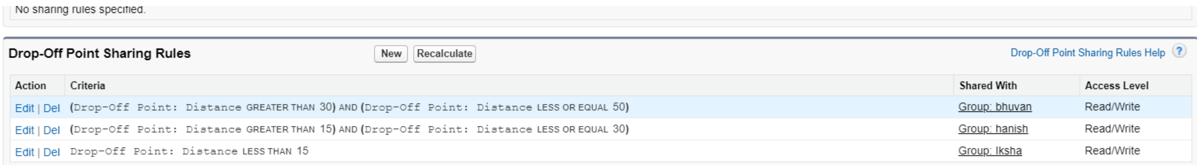
    Label : Rule 1

    Rule Name : Rule_1

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

    Field : Operator : Value = Distance : less than : 15

0. Select the users to share with : Near Share With
   Public Groups : Iksha
0. Click on Save.
0. Click on new near Drop-Off point Sharing Rules and Name it as:
   Label : Rule 2
   Rule Name : Rule_2
0. Select your rule type : Select Based on criteria.
0. Select which records to be shared:
   Field : Operator : Value = Distance : greater than : 15
   Field : Operator : Value = Distance : less or equal : 30
0. Select the users to share with : Near Share With
   Public Groups : NSS
0. Click on Save.
0. Click on new near Drop-Off point Sharing Rules and Name it as:
   Label : Rule 3
   Rule Name : Rule_3
0. Select your rule type : Select Based on criteria.
0. Select which records to be shared:
   Field : Operator : Value = Distance : greater than : 30
   Field : Operator : Value = Distance : less or equal : 50
0. Select the users to share with : Near Share With
   Public Groups : Street Cause
0. Click on Save.


No sharing rules specified.
Drop-Off Point Sharing Rules New Recalculate Drop-Off Point Sharing Rules Help

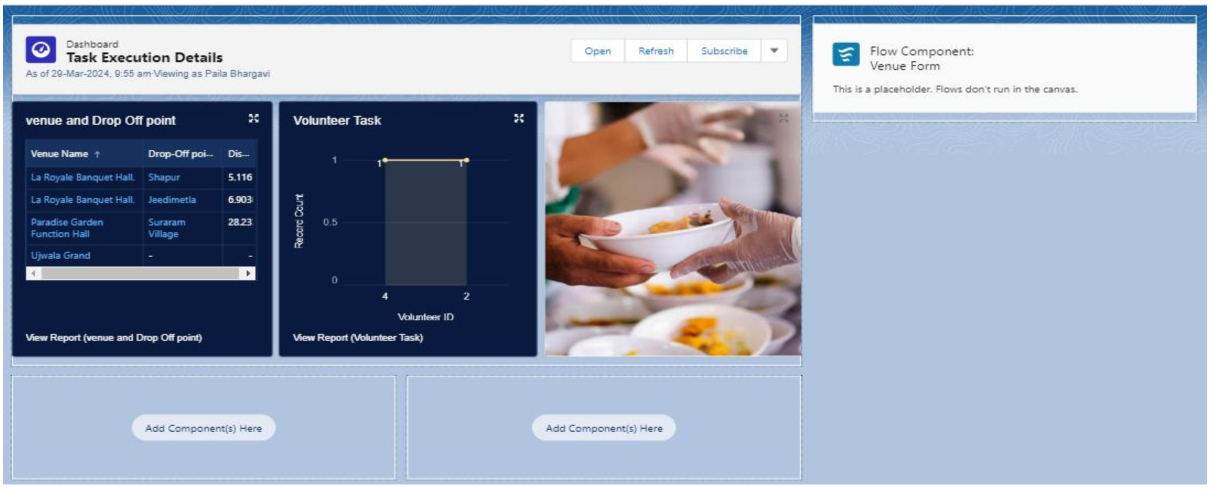
Action	Criteria	Shared With	Access Level
Edit | Del	(Drop-Off Point: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)	Group: bhuvan	Read/Write
Edit | Del	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)	Group: hanish	Read/Write
Edit |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

15.Home Page

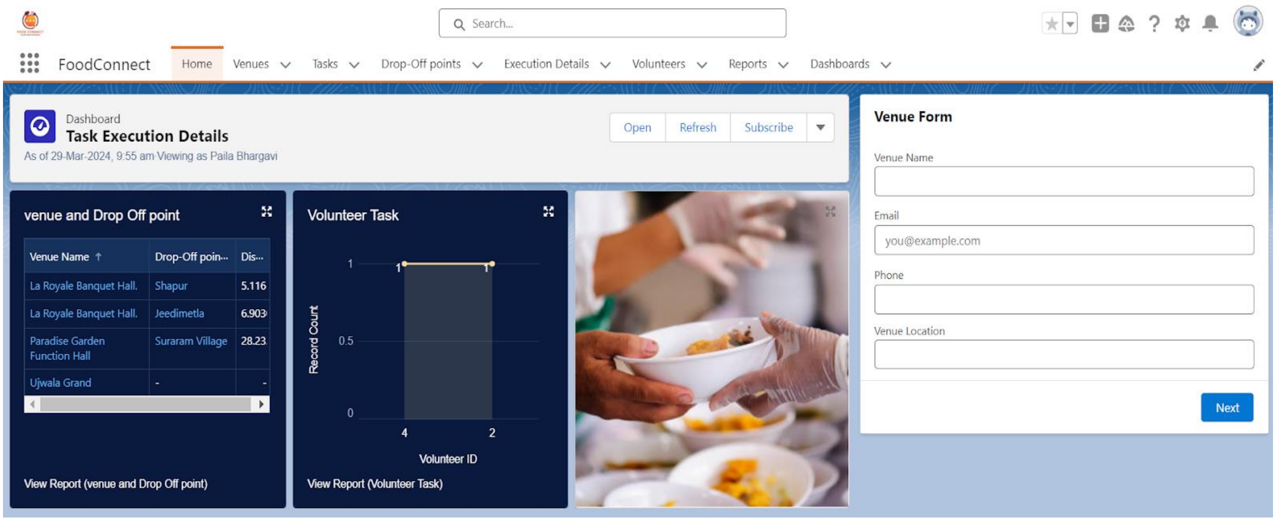
15.1 Creation of Home Page

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

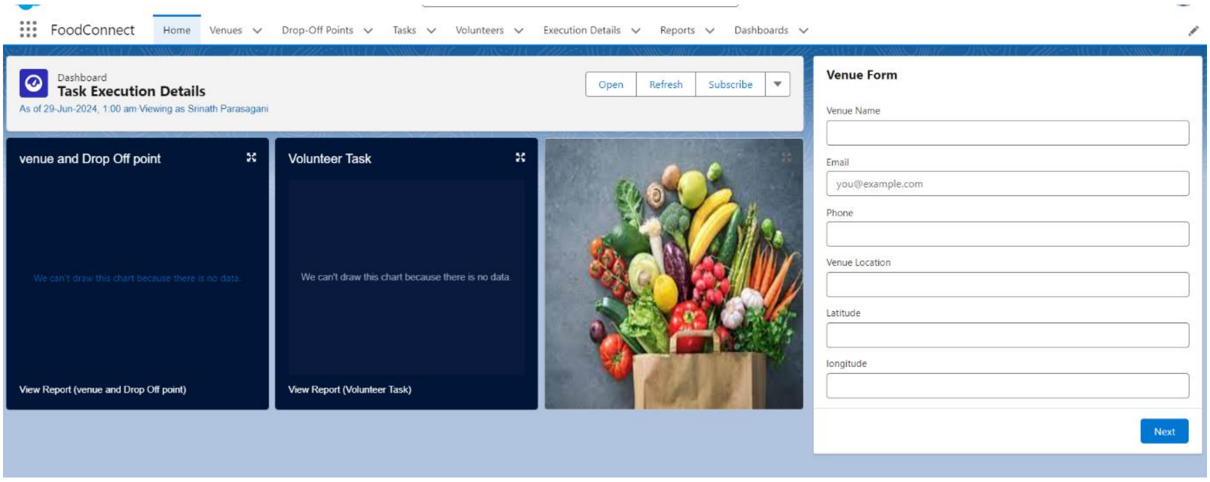
0. Near Components search for Dashboard, then Drag and Drop it in first Section.



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



After Doing all the Work My Final home page looks like this



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.