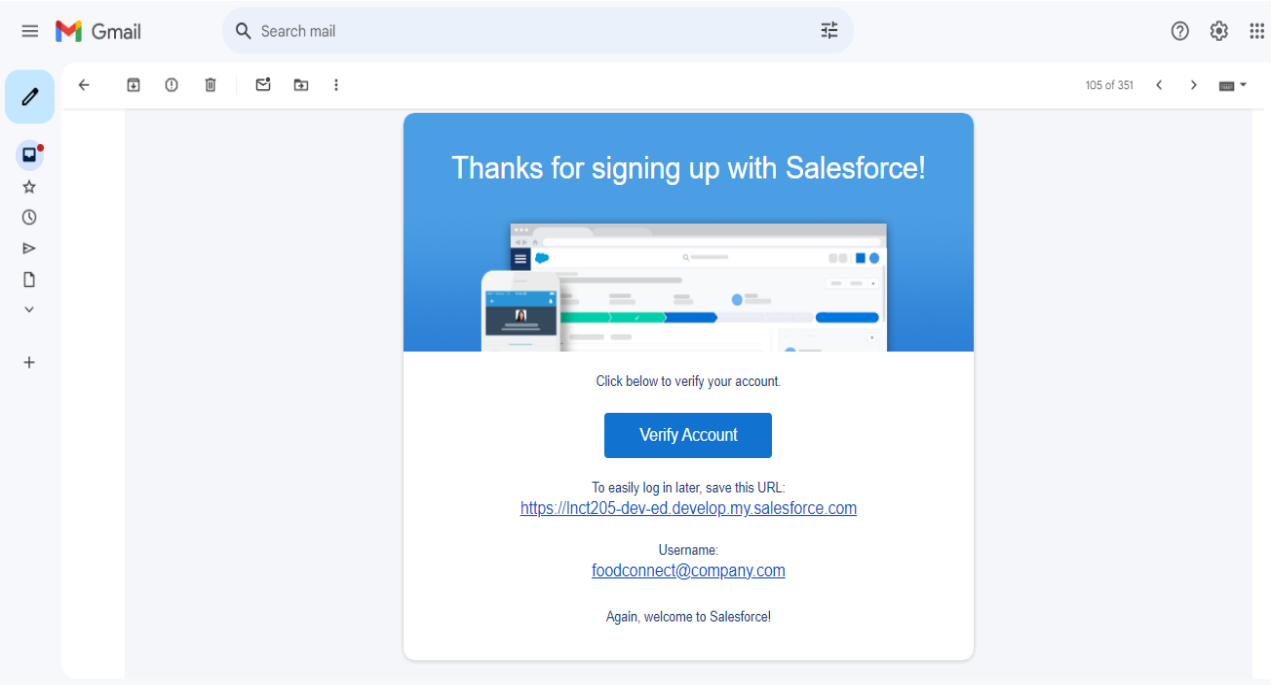
To Supply Leftover Food to Poor

1) Introduction to Salesforce

What is Salesforce?

Salesforce is a cloud-based customer relationship management (CRM) platform that helps businesses manage sales, customer service, and marketing operations. It provides tools for automation, analytics, and customer engagement.

Account Activation

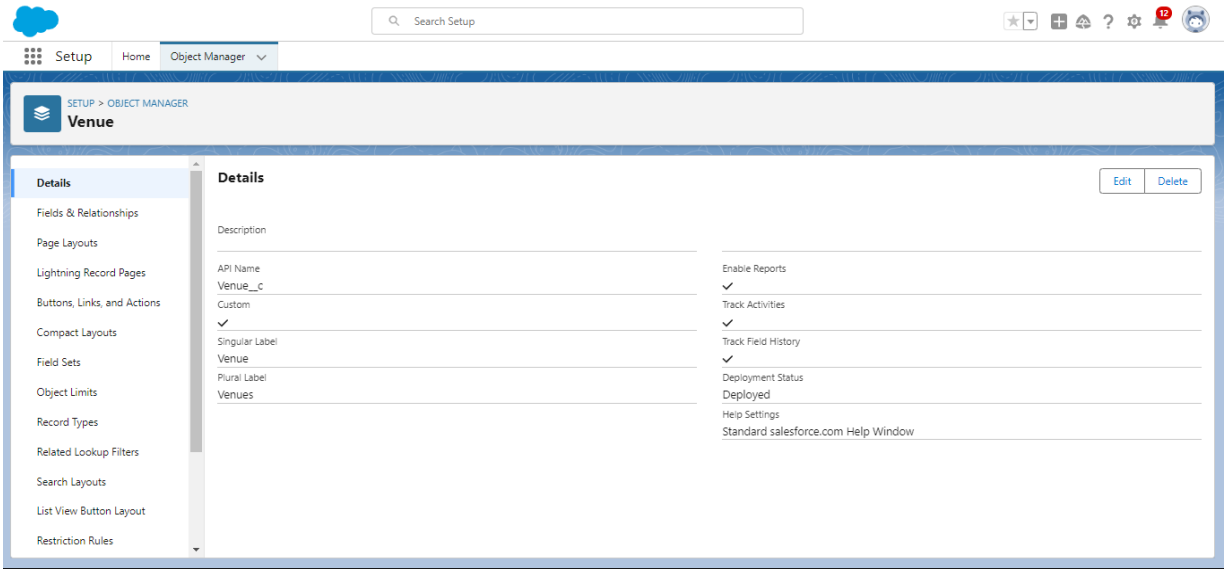


2) Object

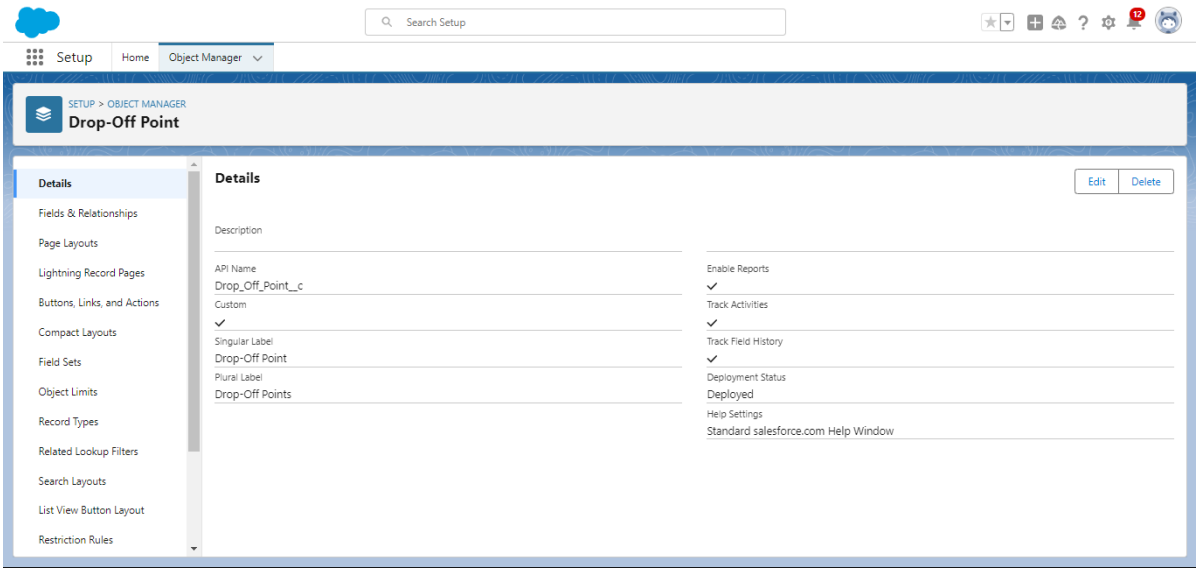
What is an Object?

An object is a database table that stores data specific to an organization. Objects can be standard (like Accounts and Contacts) or custom, created to meet specific business needs.

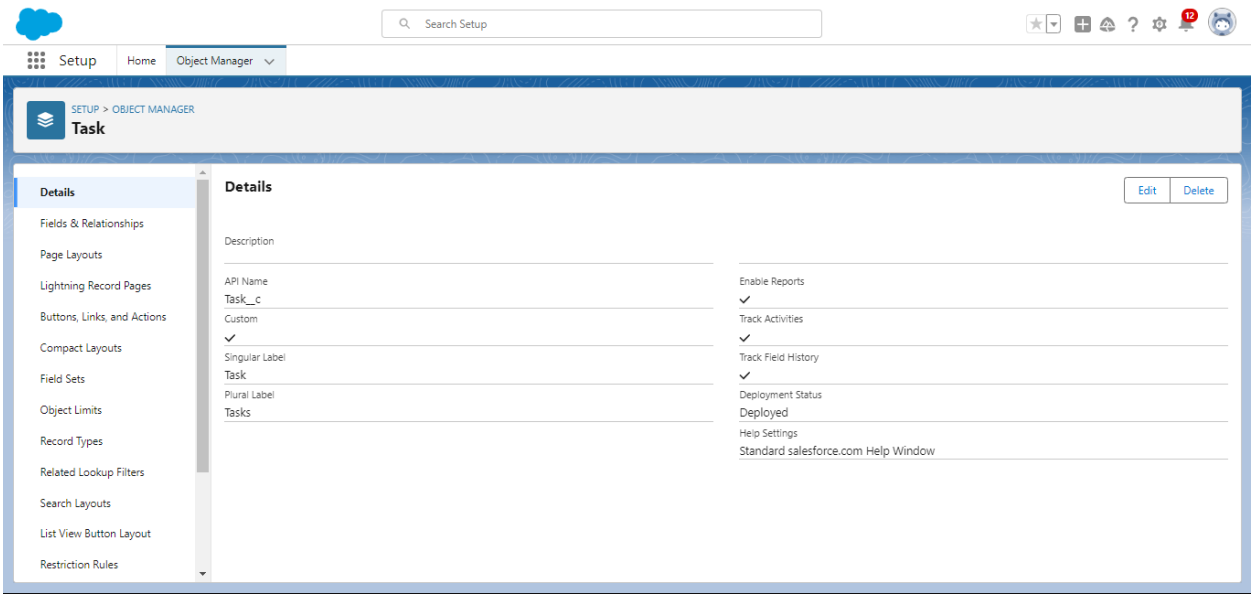
Create Venue Object



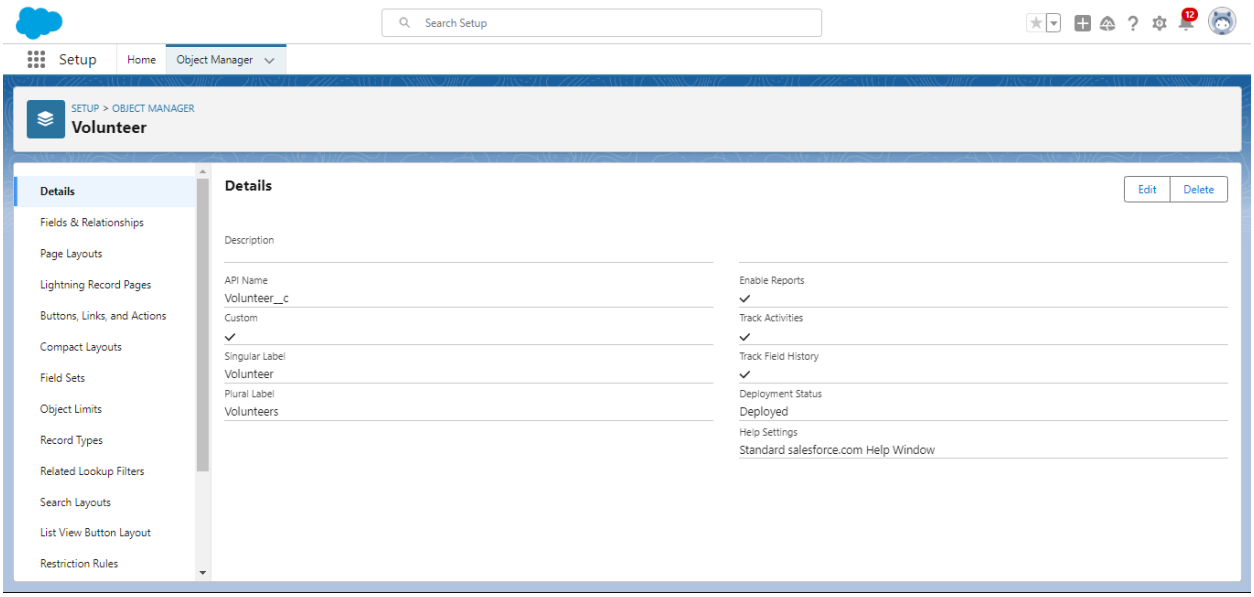
Create Drop-off Point Object



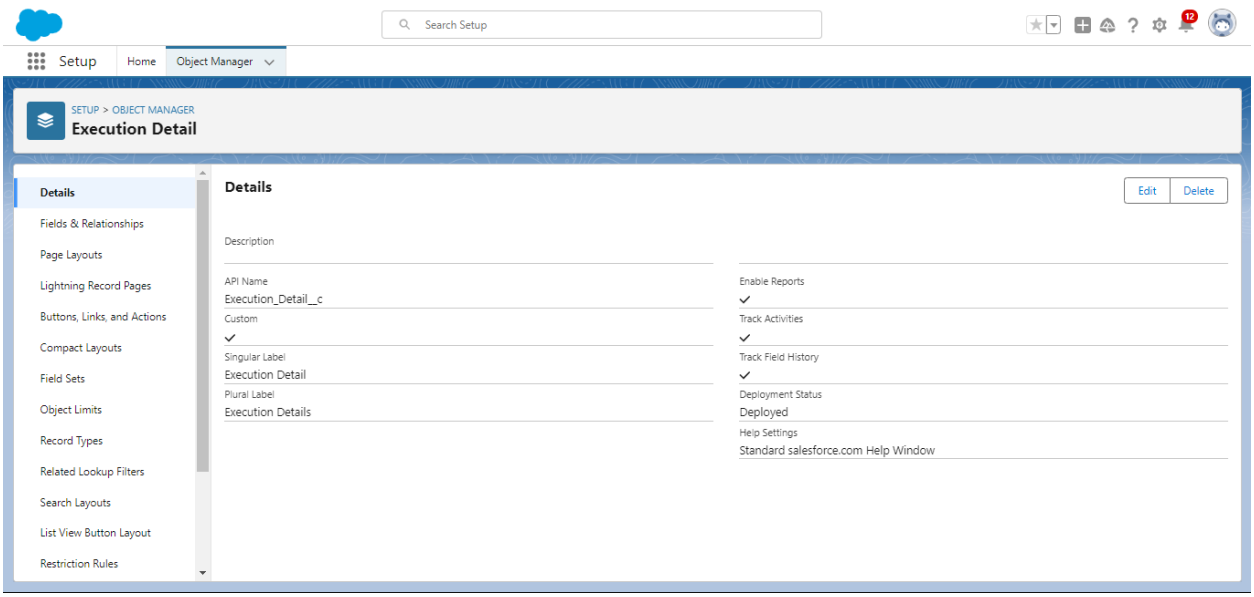
Create Task Object



Create Volunteer Object



Create Execution Details Object

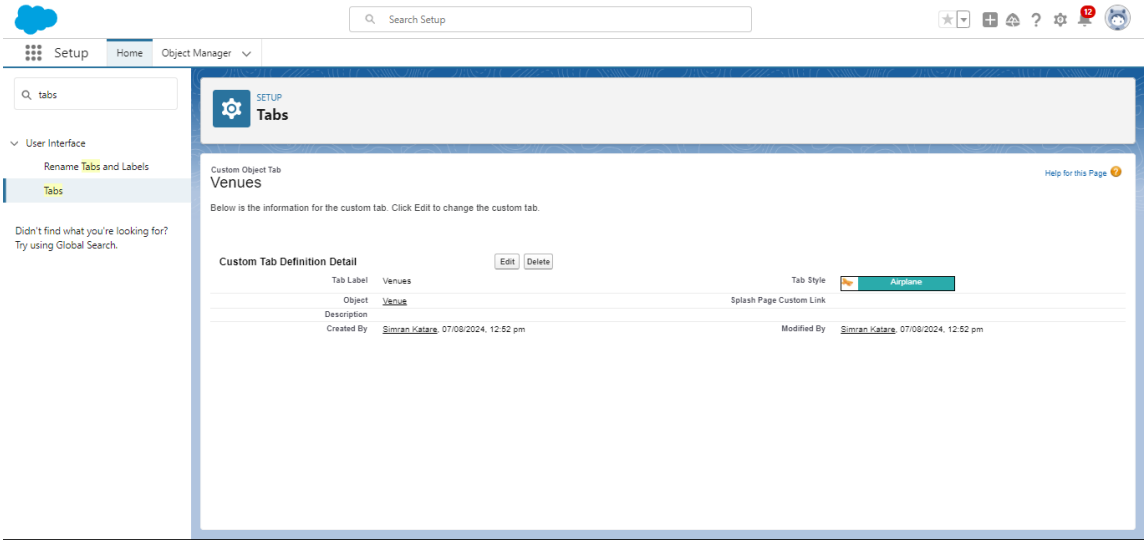

Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Execution Detail
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules
Details
Edit
Delete
Description
API Name
Execution_Detail__c
Custom
Singular Label
Execution Detail
Plural Label
Execution Details
Enable Reports
Track Activities
Track Field History
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window

3) Tabs

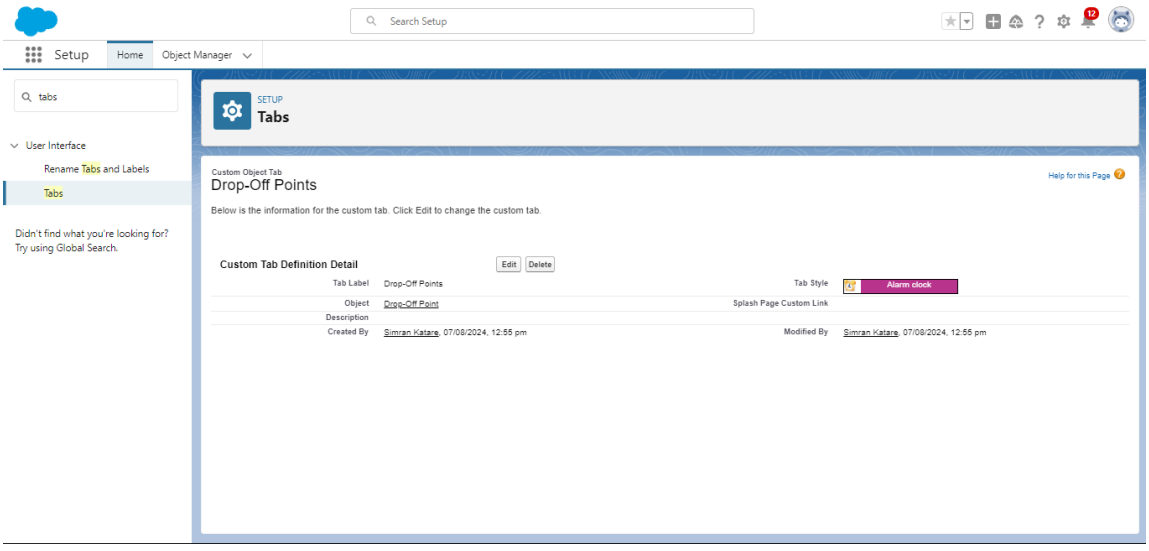
What is a Tab?

Tabs are user interface elements that allow users to access different objects, features, and tools within the application. They provide a way to navigate and manage data related to specific objects or functions.

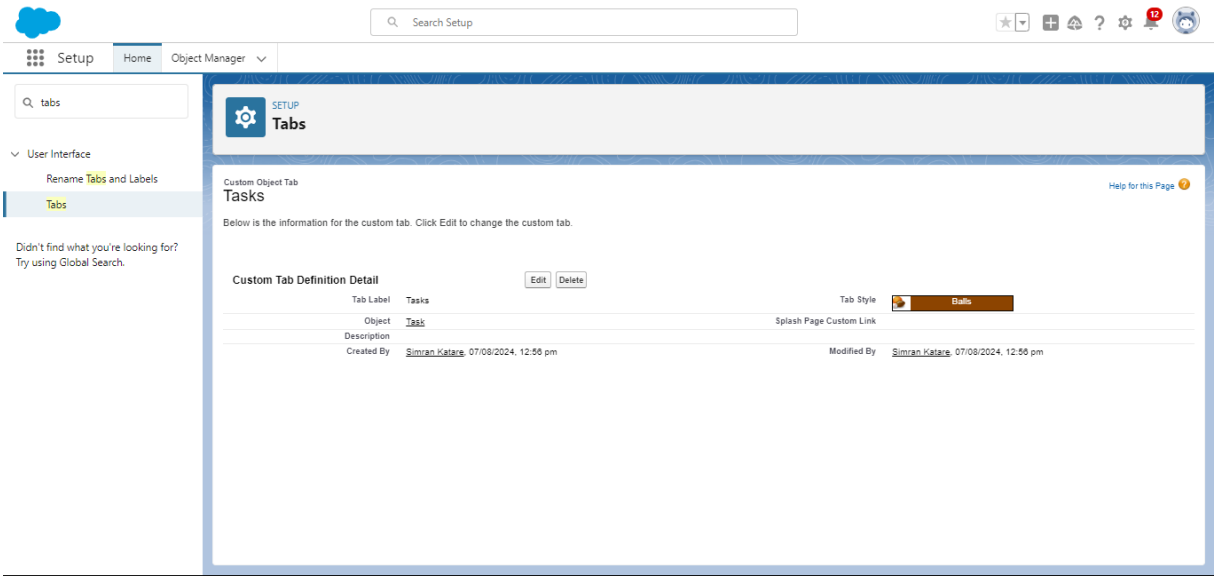
Create Venues Tab



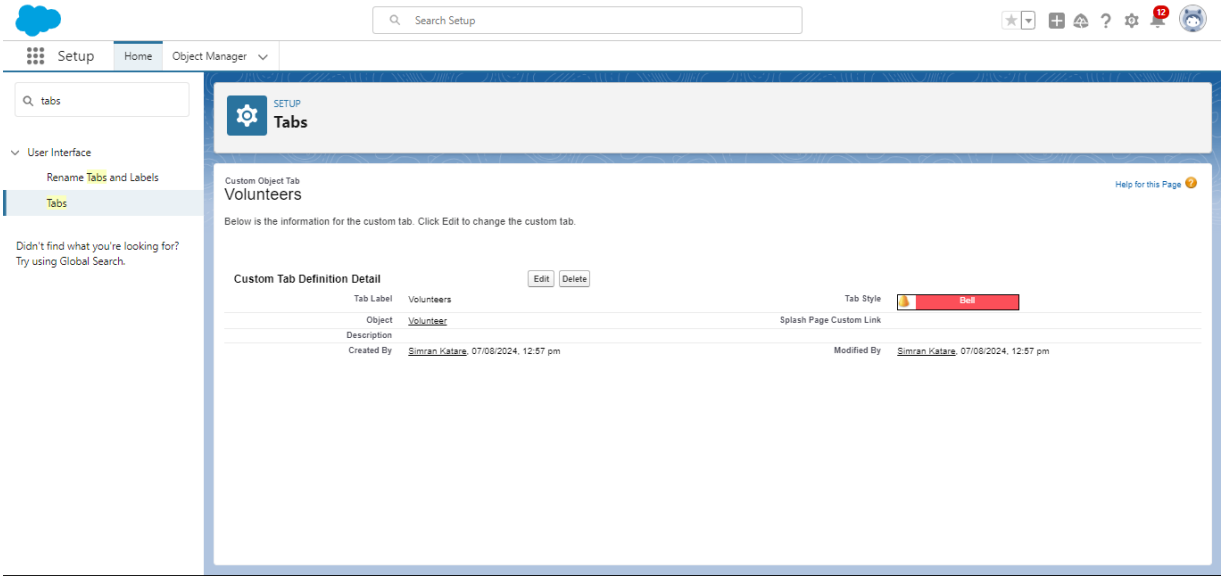
Create Drop-Off Points Tab



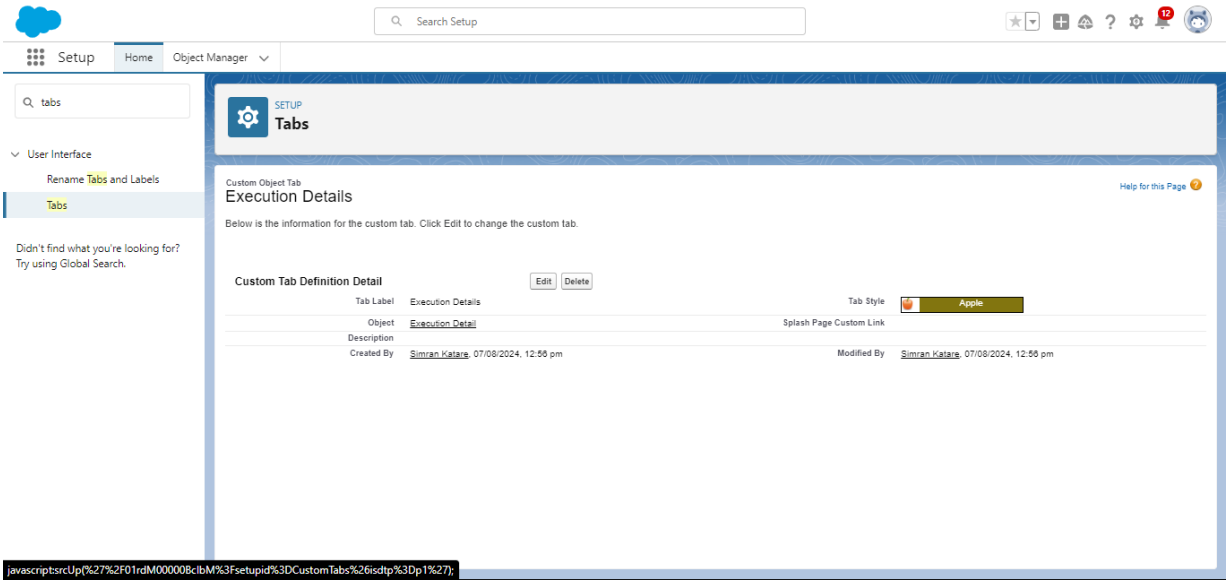
Create Tasks Tabs



Create Volunteers Tab



Create Execution Details Tab

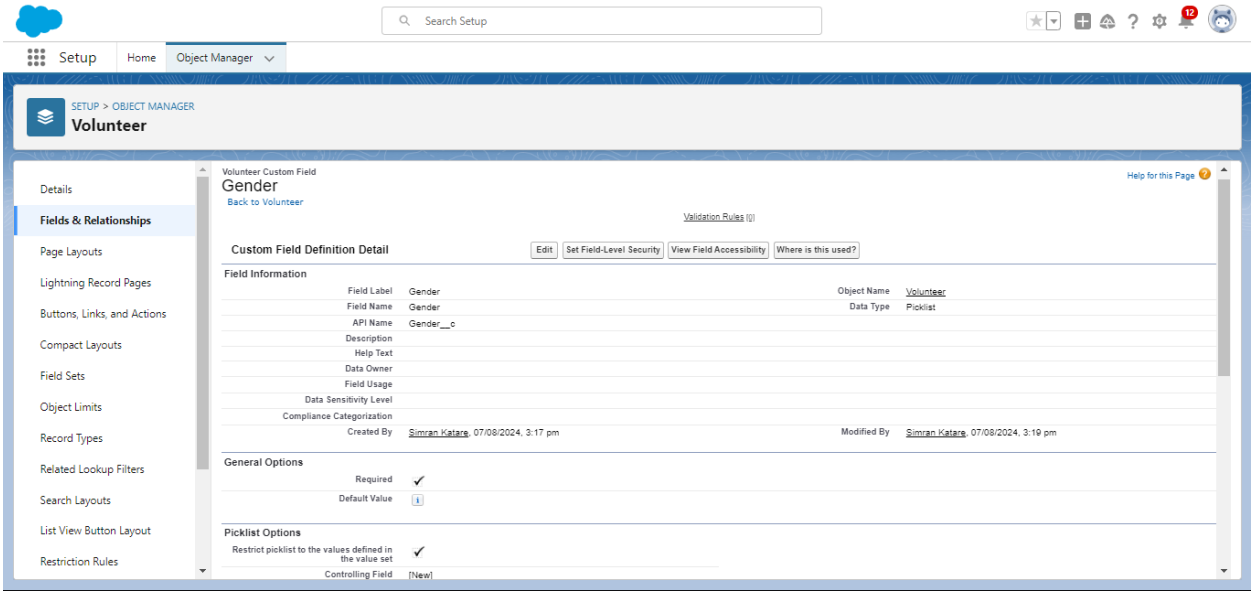

Search Setup
Setup
Home
Object Manager
tabs
User Interface
Rename Tabs and Labels
Tabs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Tabs
Custom Object Tab
Execution Details
Help for this Page
Below is the information for the custom tab. Click Edit to change the custom tab.
Custom Tab Definition Detail
Edit
Delete
Tab Label
Execution Details
Tab Style
Apple
Object
Execution Detail
Splash Page Custom Link
Description
Created By
Simran Katare, 07/08/2024, 12:56 pm
Modified By
Simran Katare, 07/08/2024, 12:56 pm
javascript:srcUp(%27%2F01rdM000008clbM%3Fsetupid%3DCustomTabs%26isdtp%3Dp1%27);

4) Fields

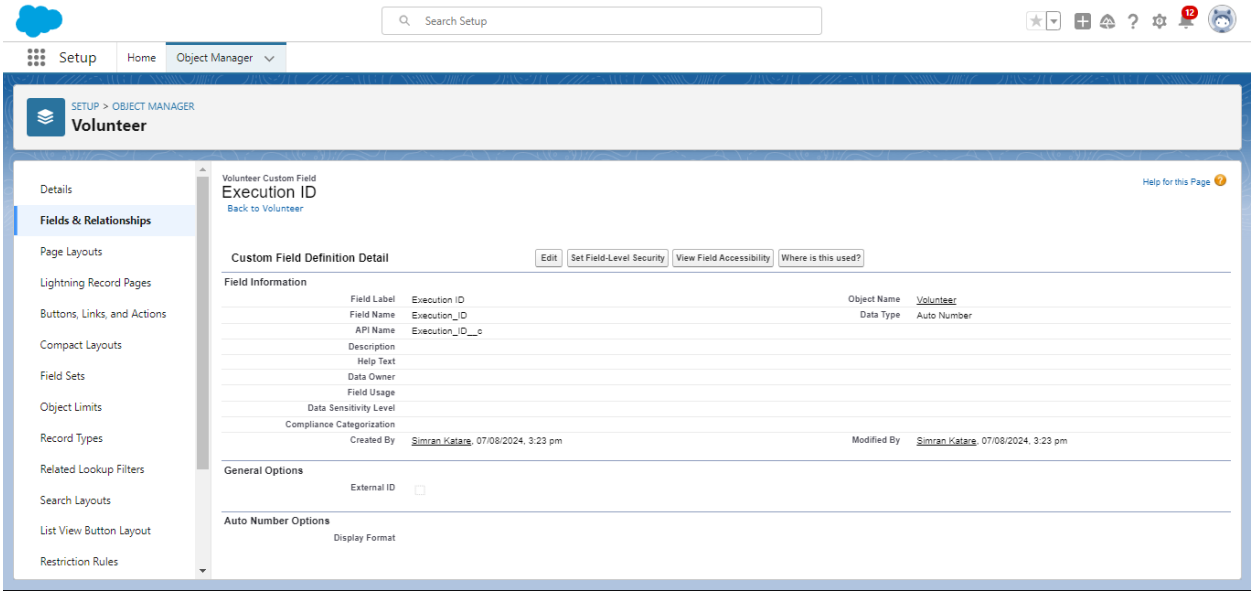
What is a Field?

Fields are specific data points within an object where individual pieces of information are stored. They are akin to columns in a database table and can hold various types of data, such as text, numbers, or dates.

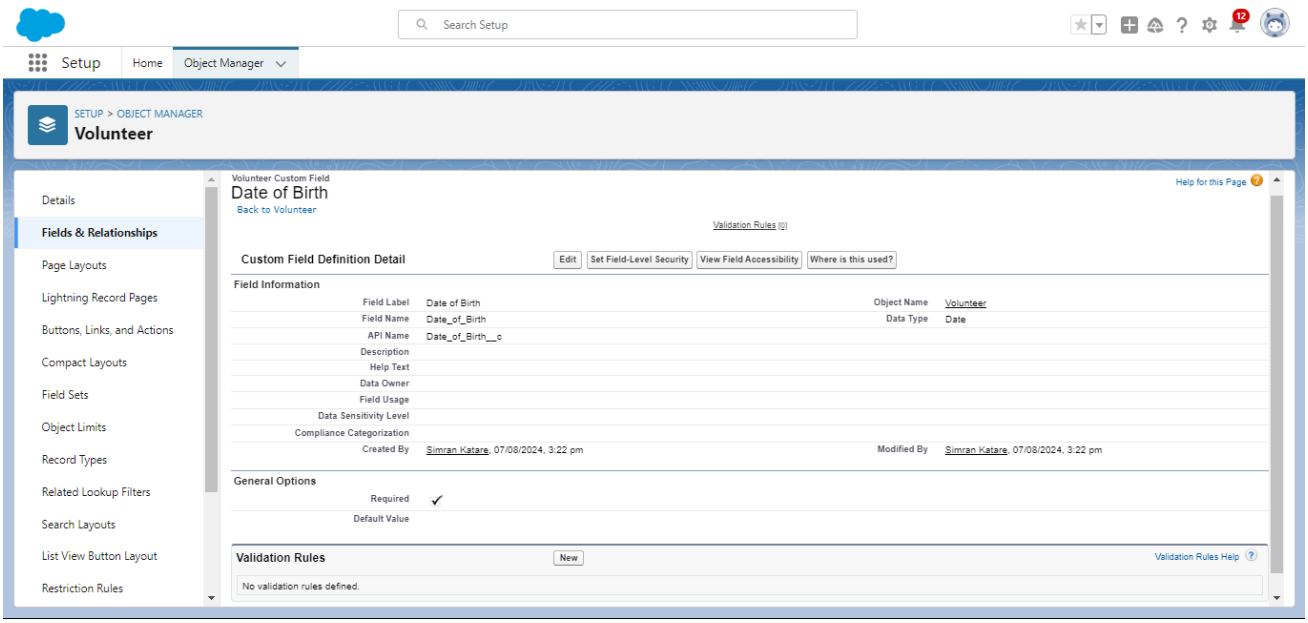
Creation of Fields for the Volunteer Object Gender



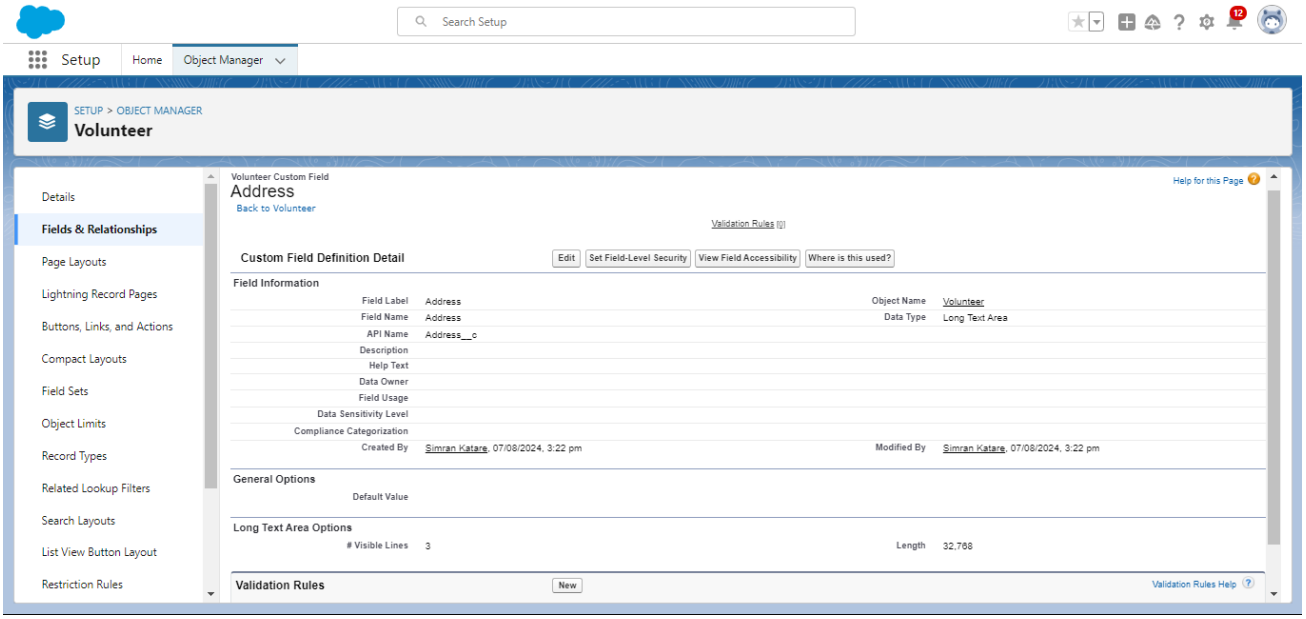
Create Execution Details Tab



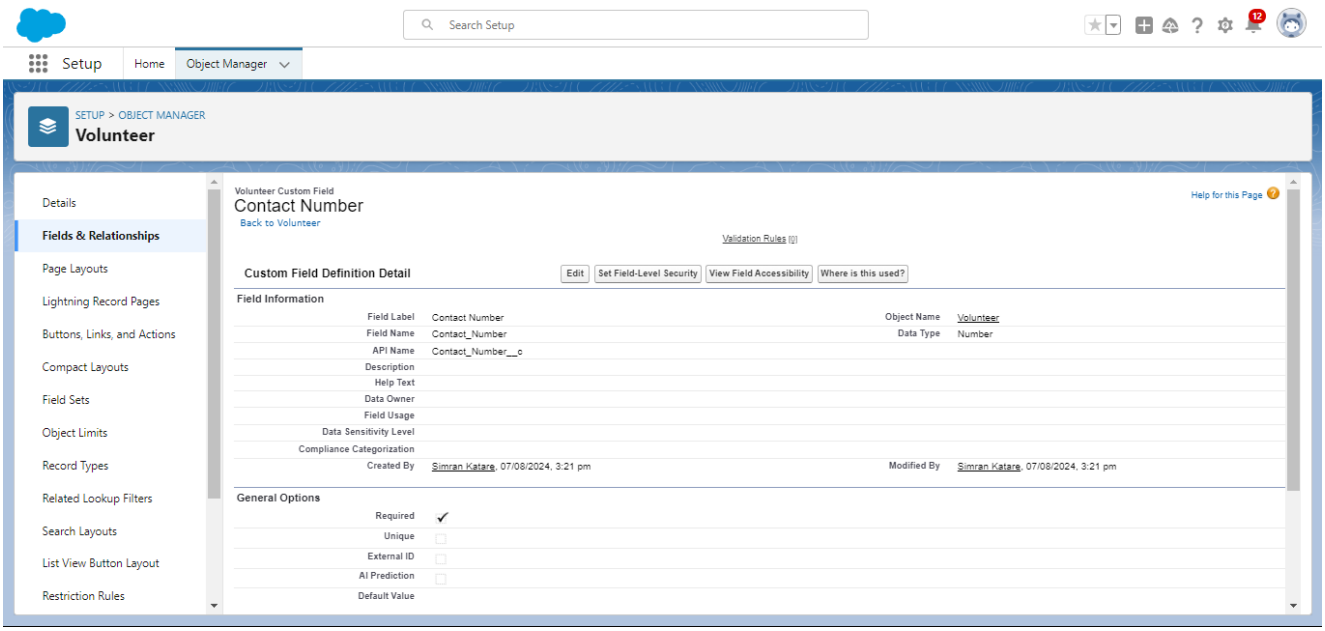
Date Of Birth



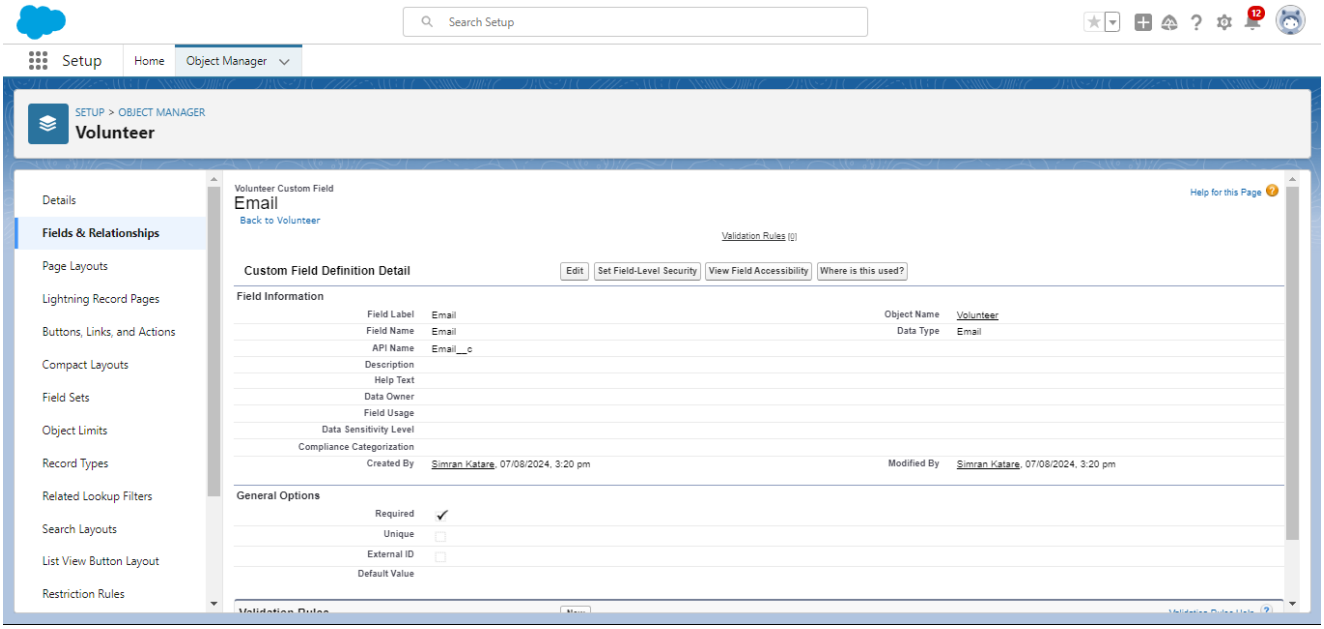
Address



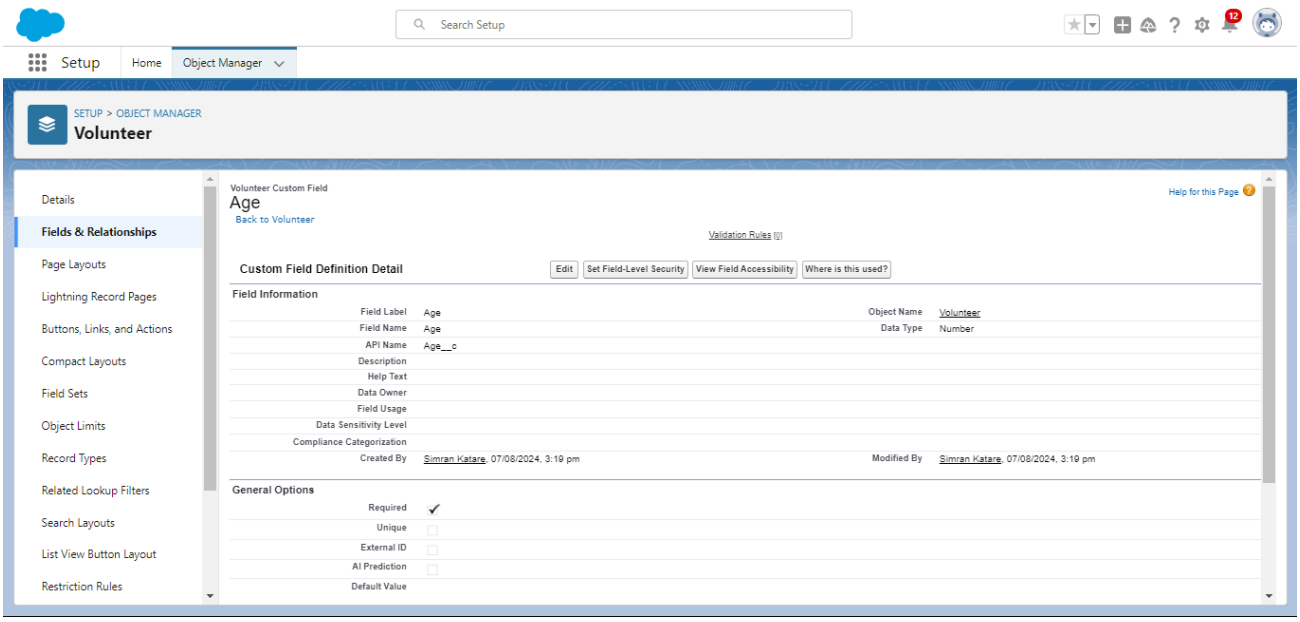
Contact Number


Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Volunteer
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules
Volunteer Custom Field
Contact Number
Back to Volunteer
Help for this Page
Validation Rules (0)
Custom Field Definition Detail
Edit
Set Field-Level Security
View Field Accessibility
Where is this used?
Field Information
Field Label Contact Number
Field Name Contact_Number
API Name Contact_Number__c
Description
Help Text
Data Owner
Field Usage
Data Sensitivity Level
Compliance Categorization
Created By Simran Katare, 07/08/2024, 3:21 pm
Object Name Volunteer
Data Type Number
Modified By Simran Katare, 07/08/2024, 3:21 pm
General Options
Required
Unique
External ID
AI Prediction
Default Value

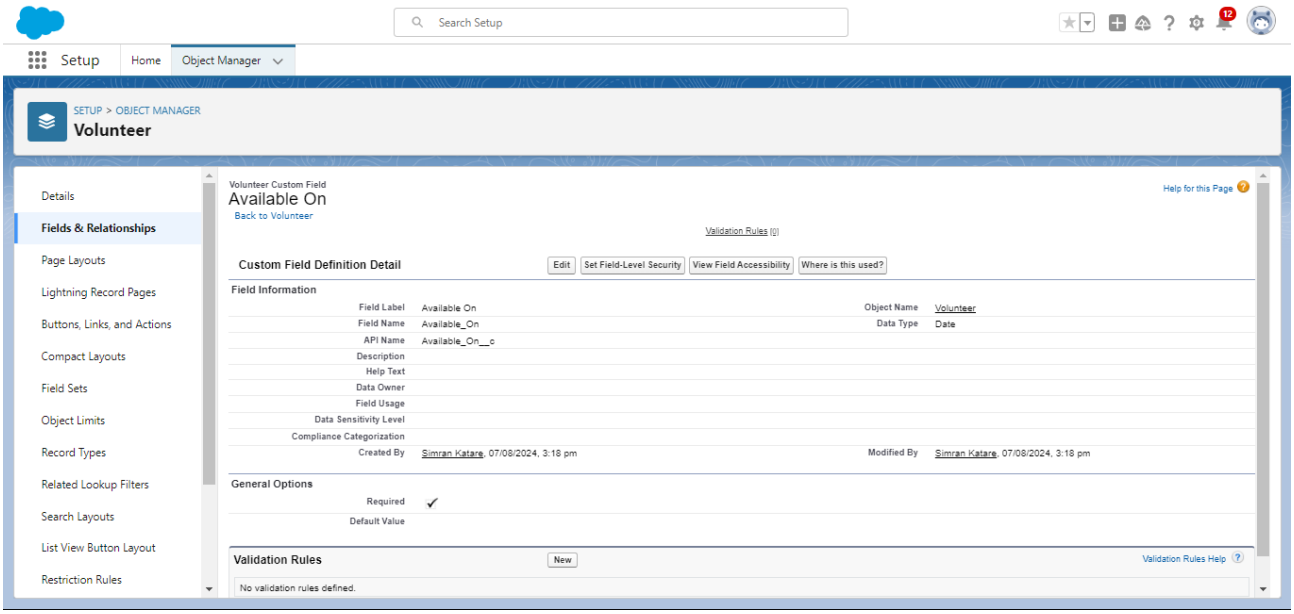
Email


Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Volunteer
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules
Volunteer Custom Field
Email
Back to Volunteer
Help for this Page
Validation Rules (0)
Custom Field Definition Detail
Edit
Set Field-Level Security
View Field Accessibility
Where is this used?
Field Information
Field Label Email
Field Name Email
API Name Email__c
Description
Help Text
Data Owner
Field Usage
Data Sensitivity Level
Compliance Categorization
Created By Simran Katare, 07/08/2024, 3:20 pm
Object Name Volunteer
Data Type Email
Modified By Simran Katare, 07/08/2024, 3:20 pm
General Options
Required
Unique
External ID
Default Value

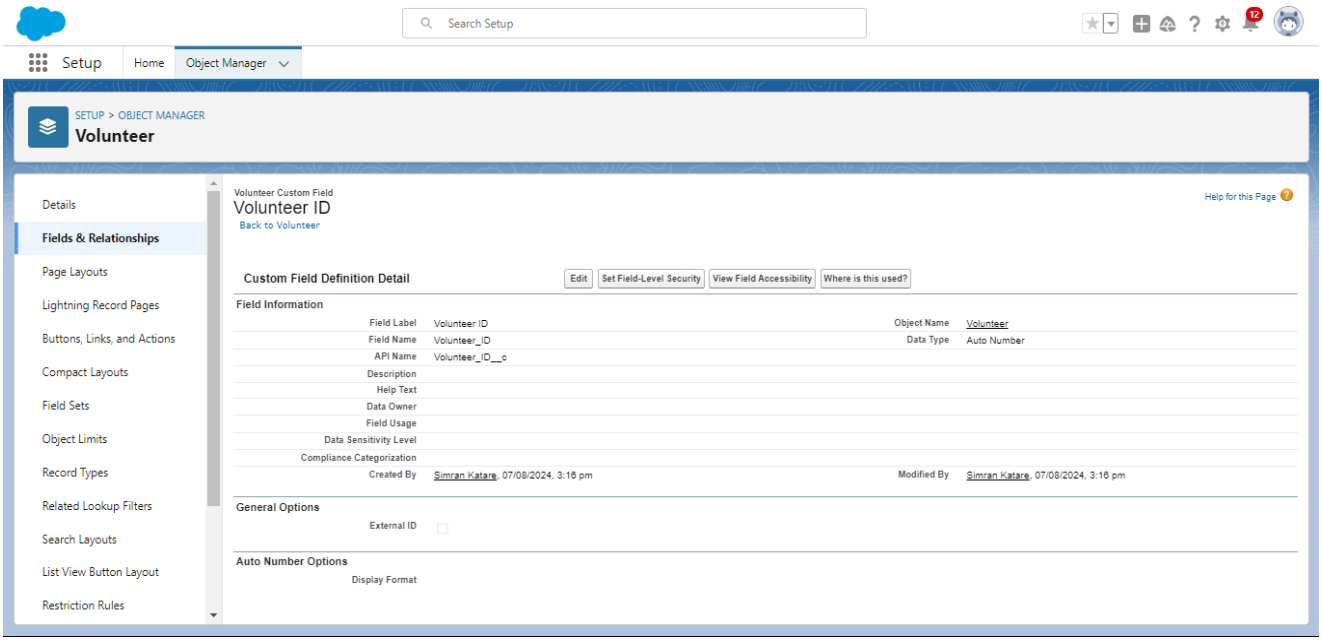
Age



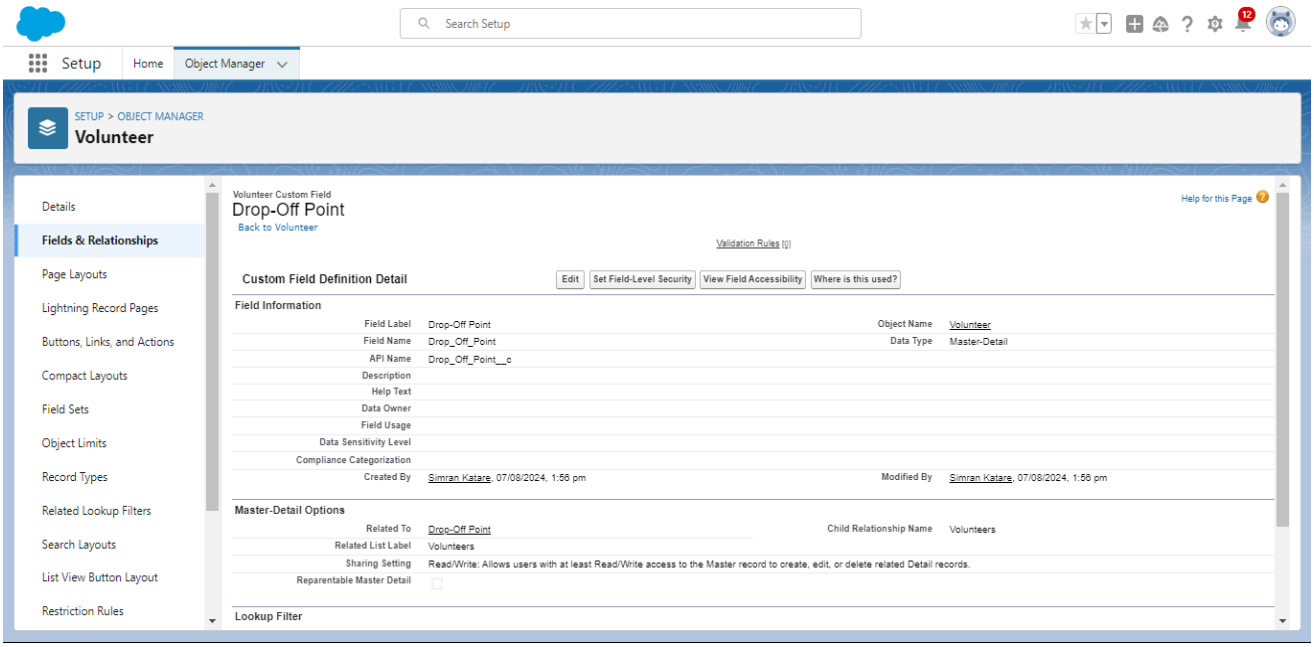
Available On



Volunteer Id

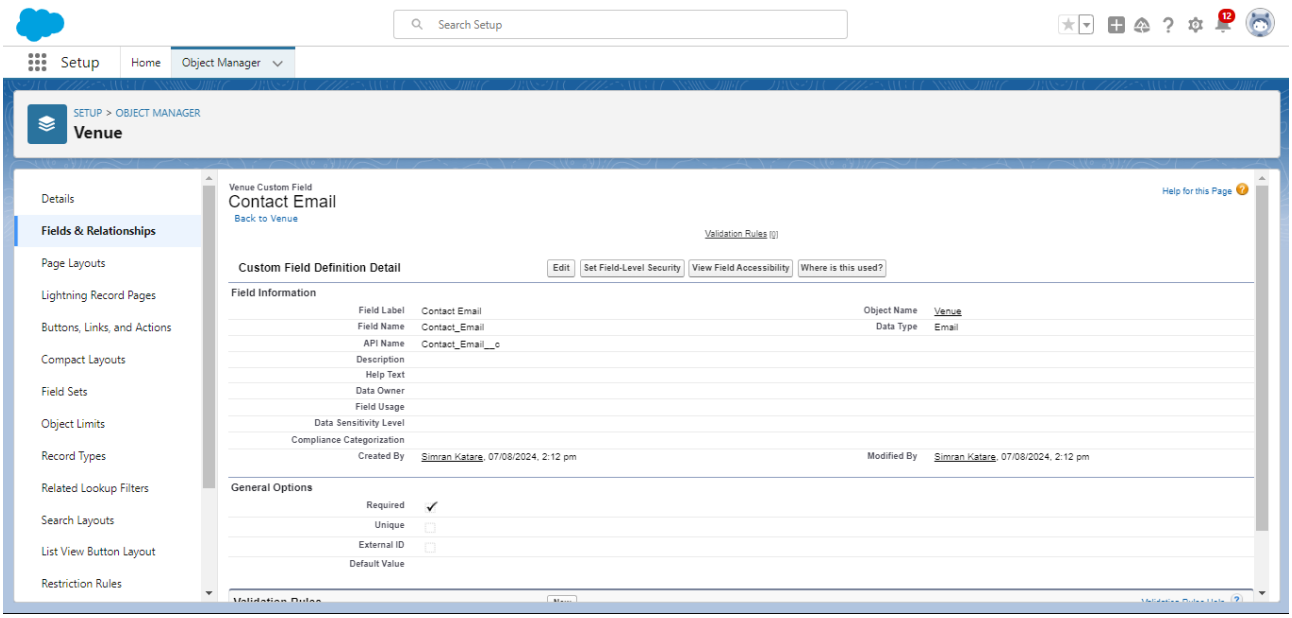


Drop-Off Point

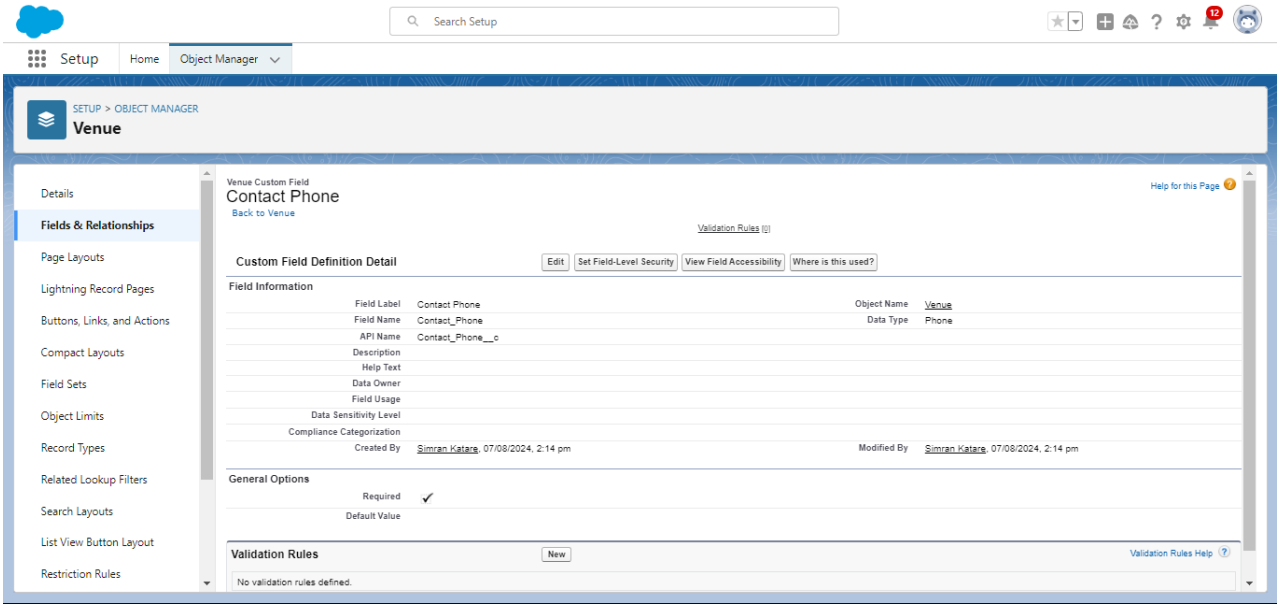


Creation of Fields for the Venue Object

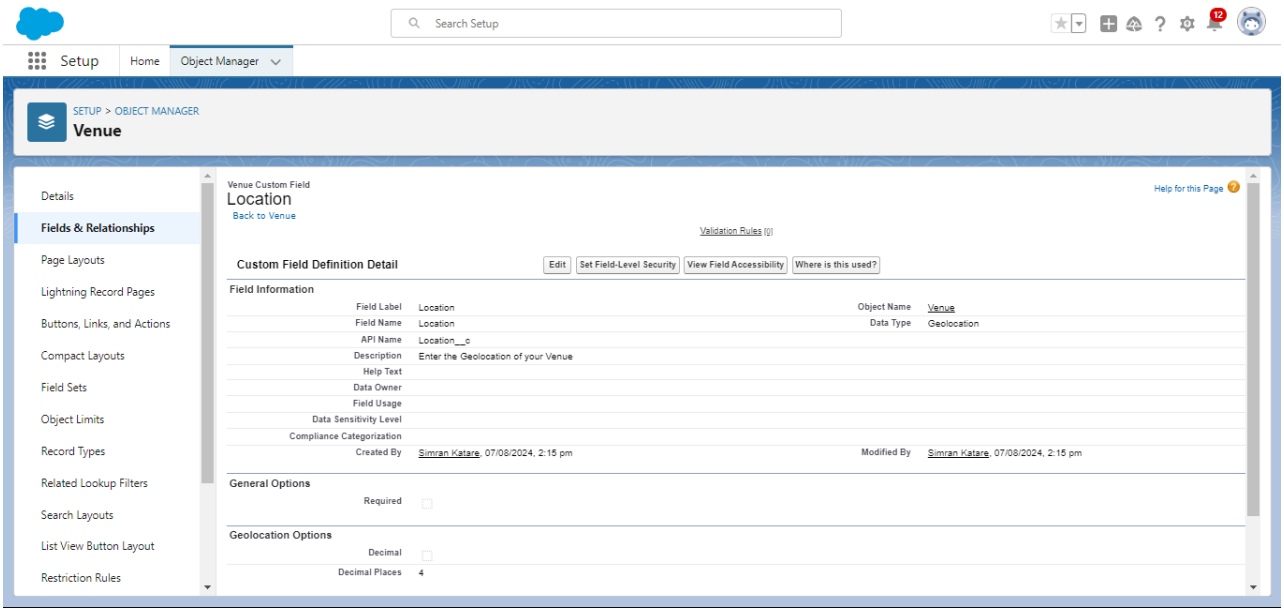
Contact Email



Contact Phone

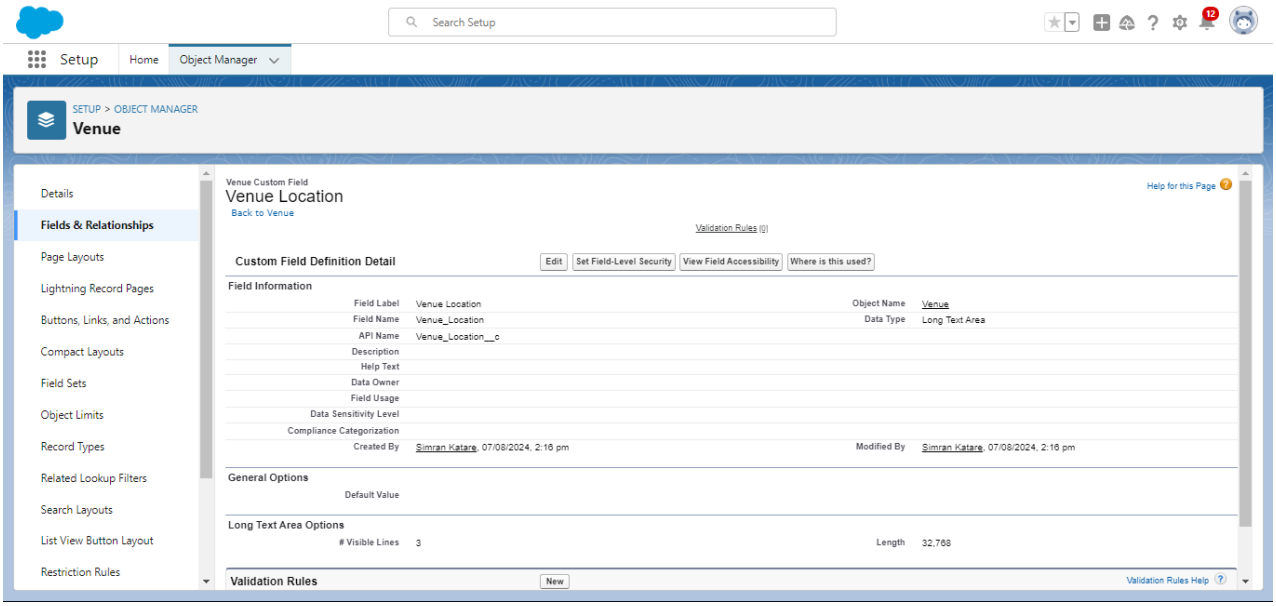


Location



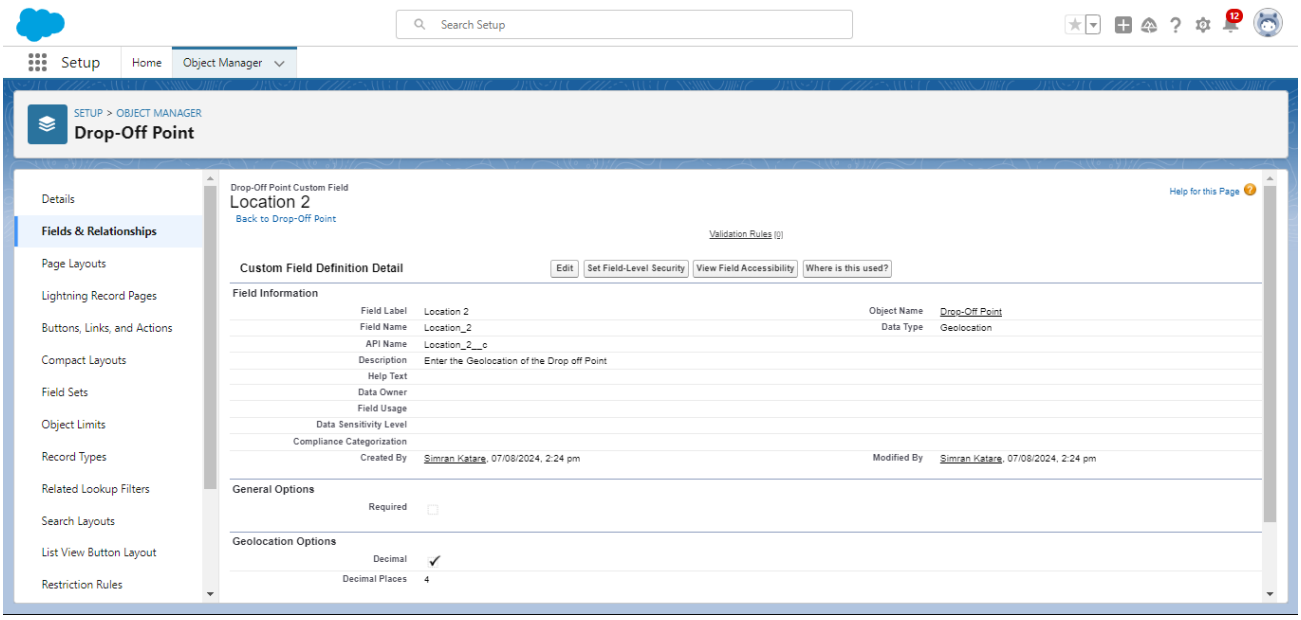
Venue

Location

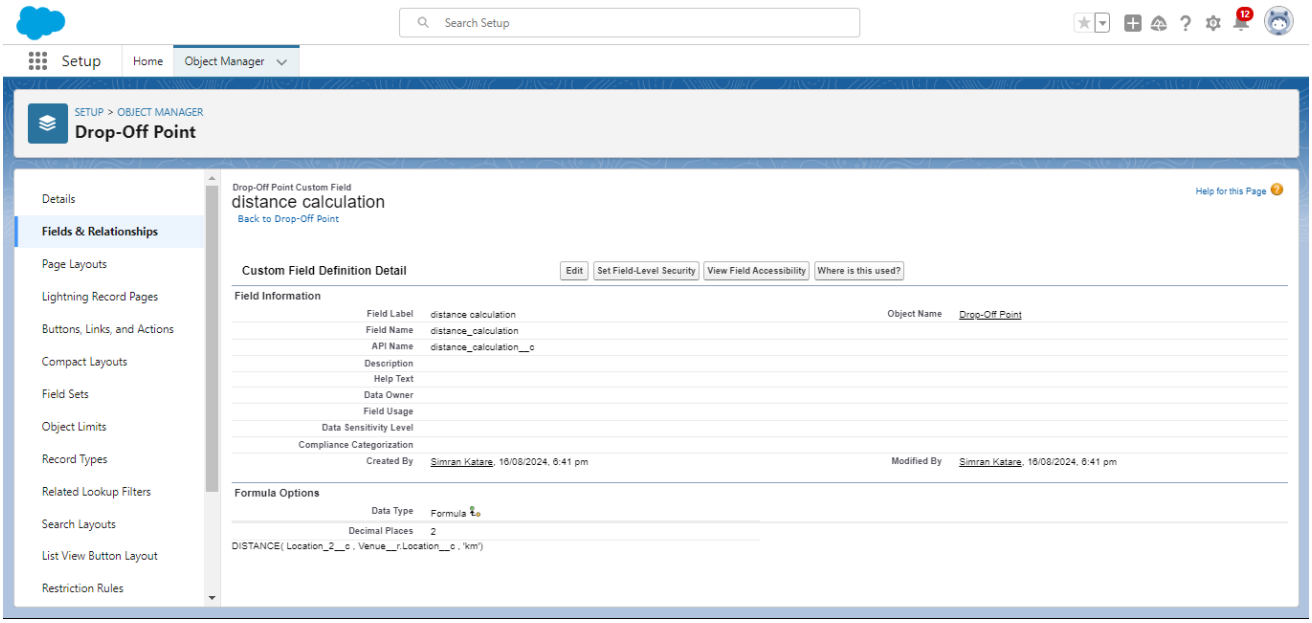


Creation of Fields for the Drop-Off Point Object

Location 2

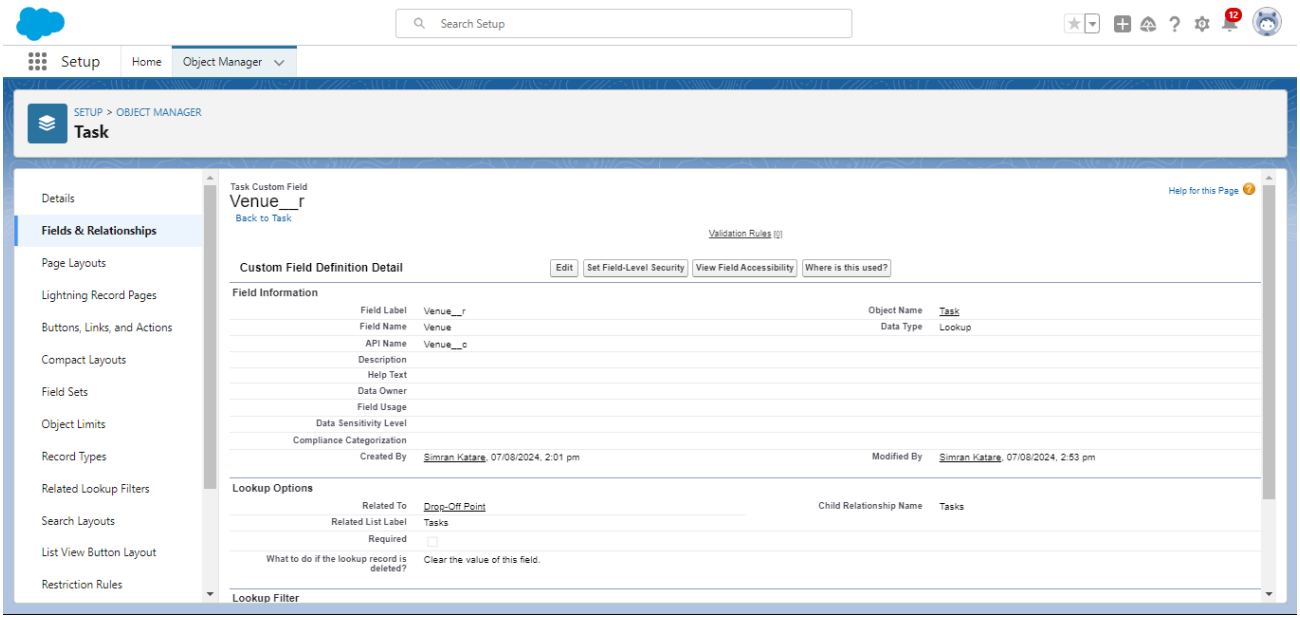


Distance Calculation

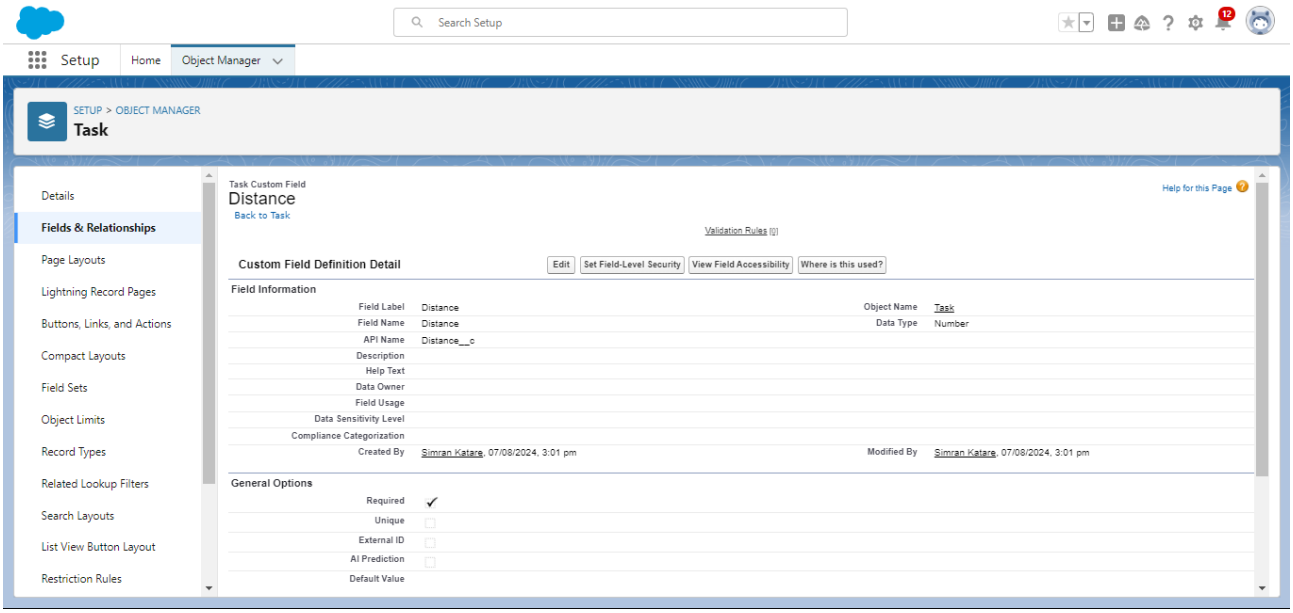


Creation of Fields for the Task Object

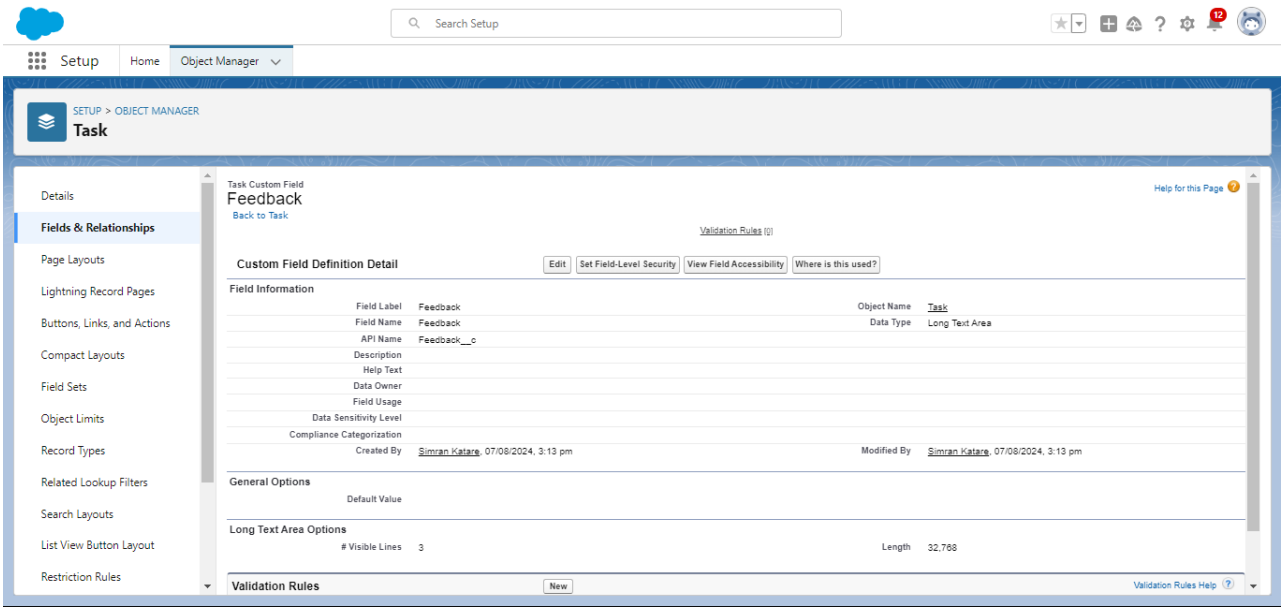
Venue_c



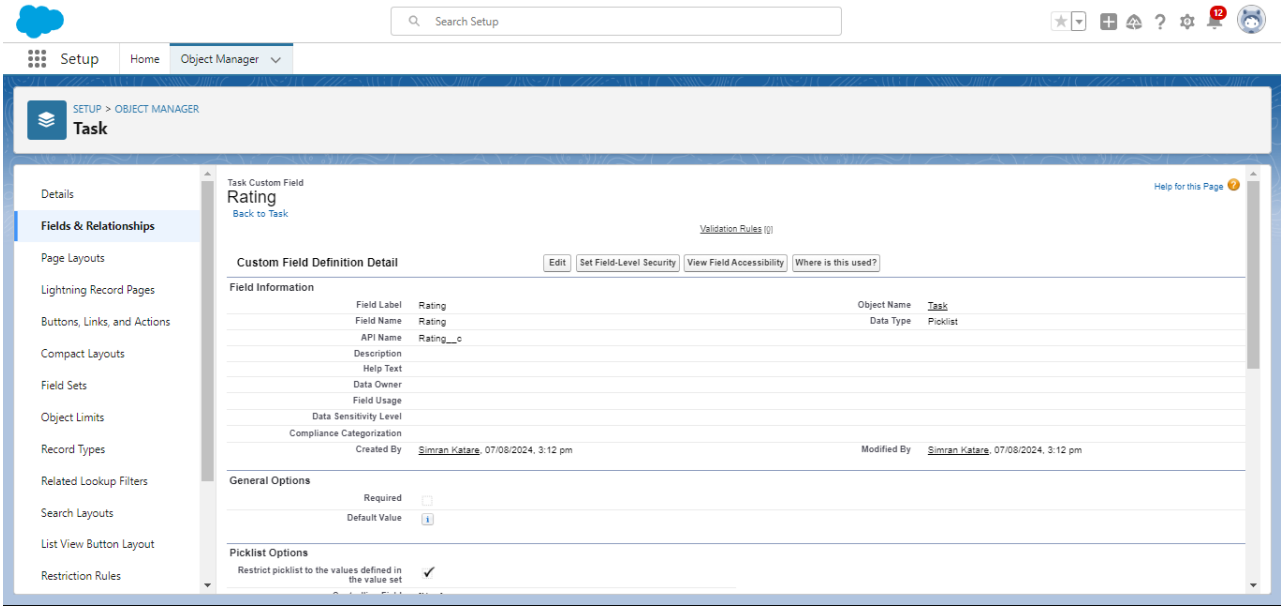
Distance



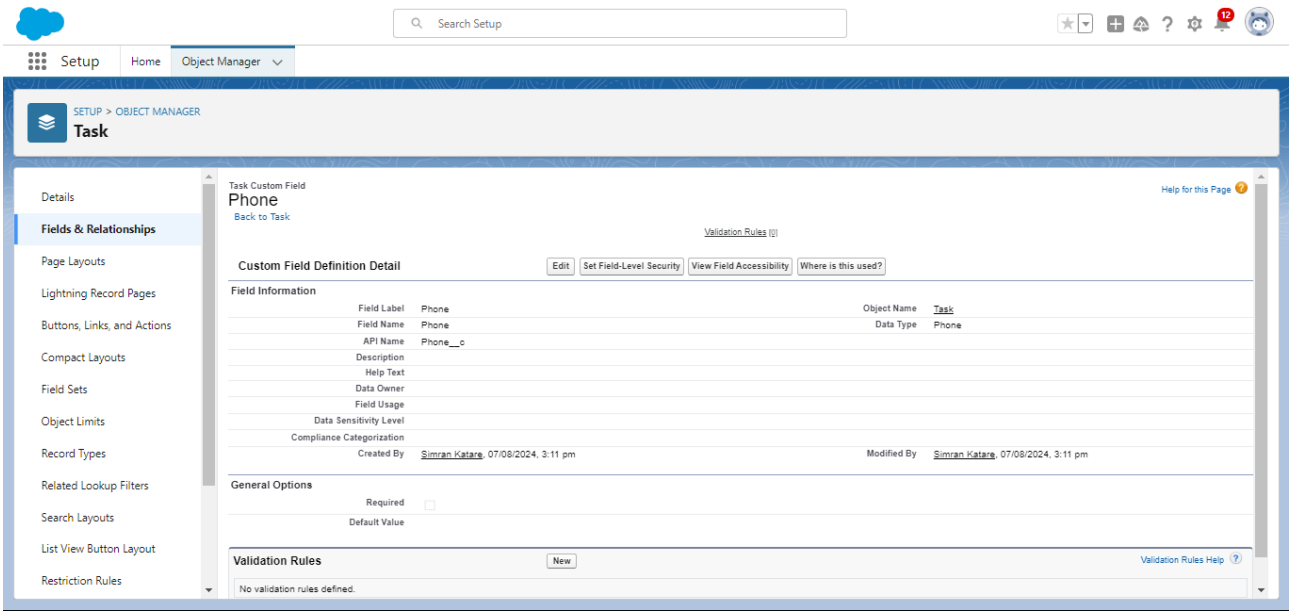
Feedback



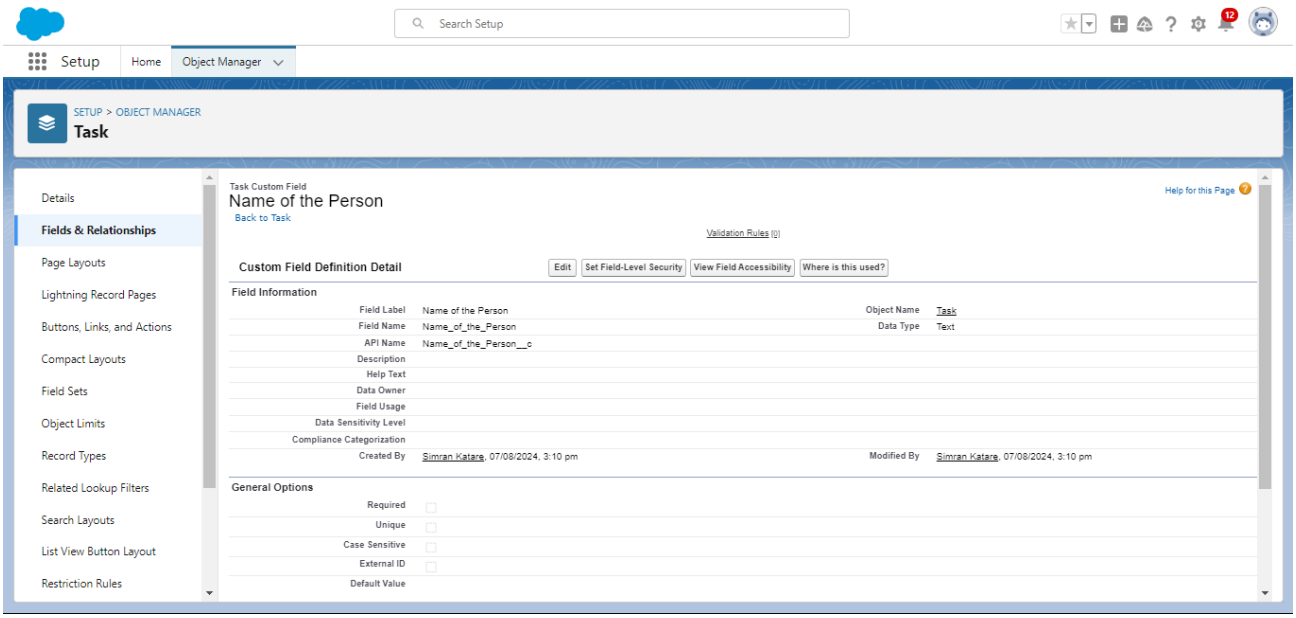
Rating



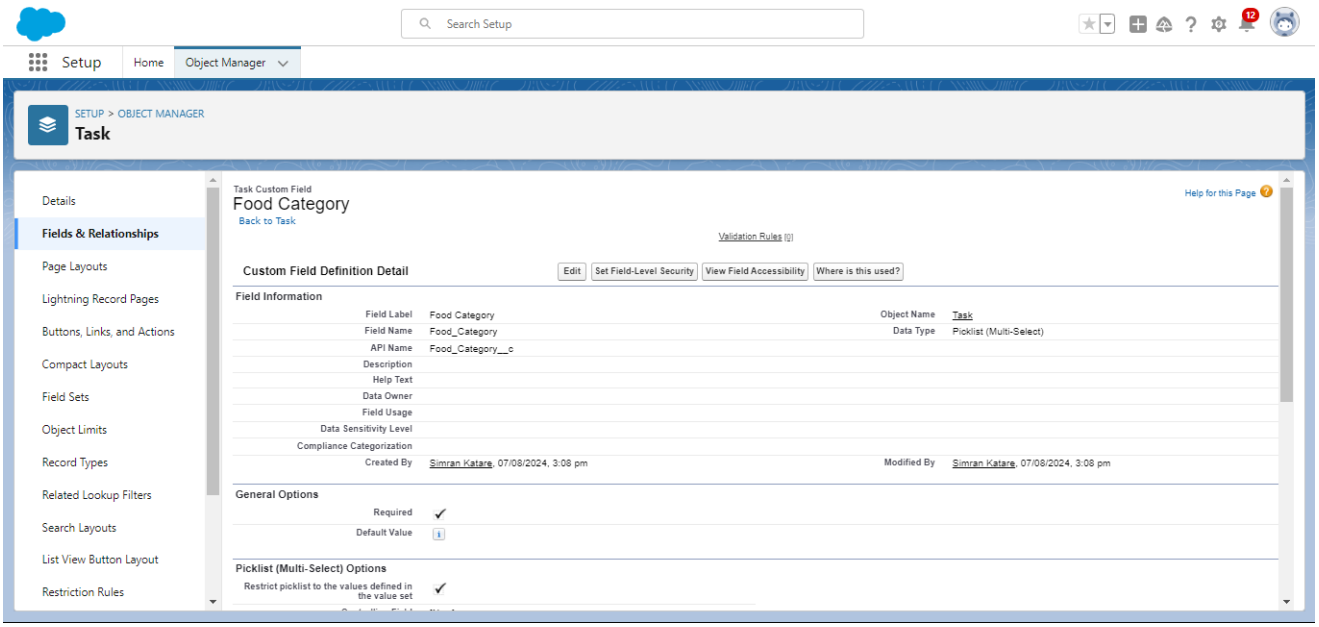
Phone



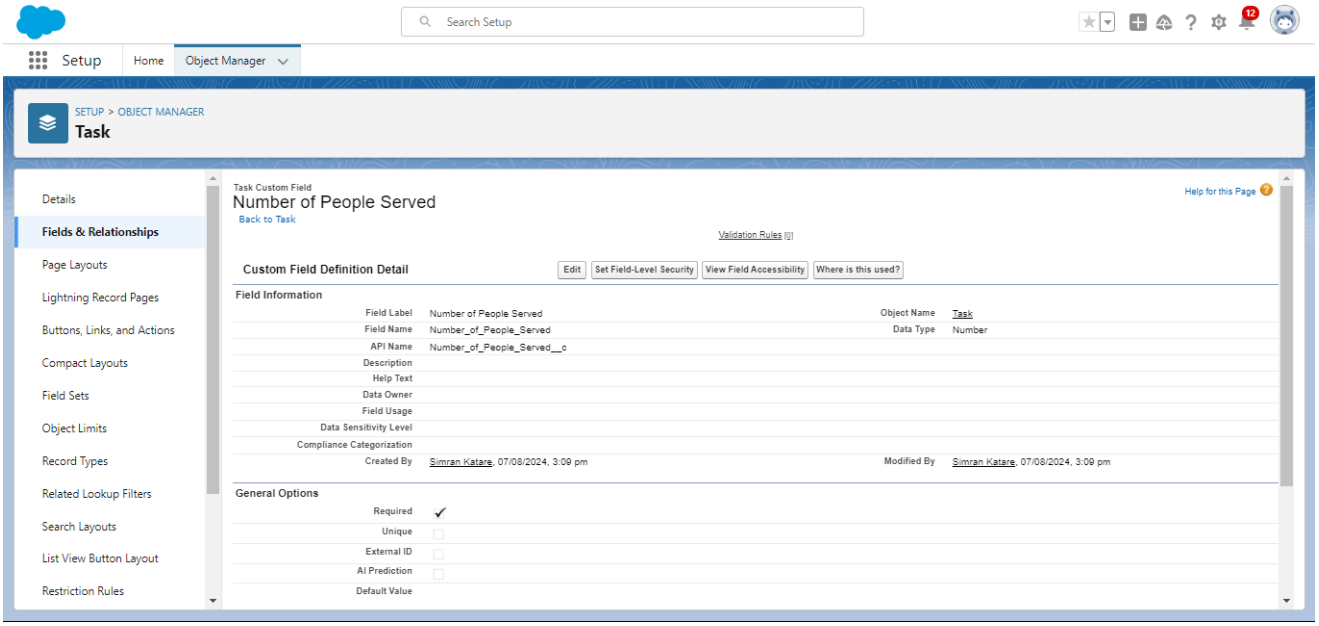
Name Of The Person



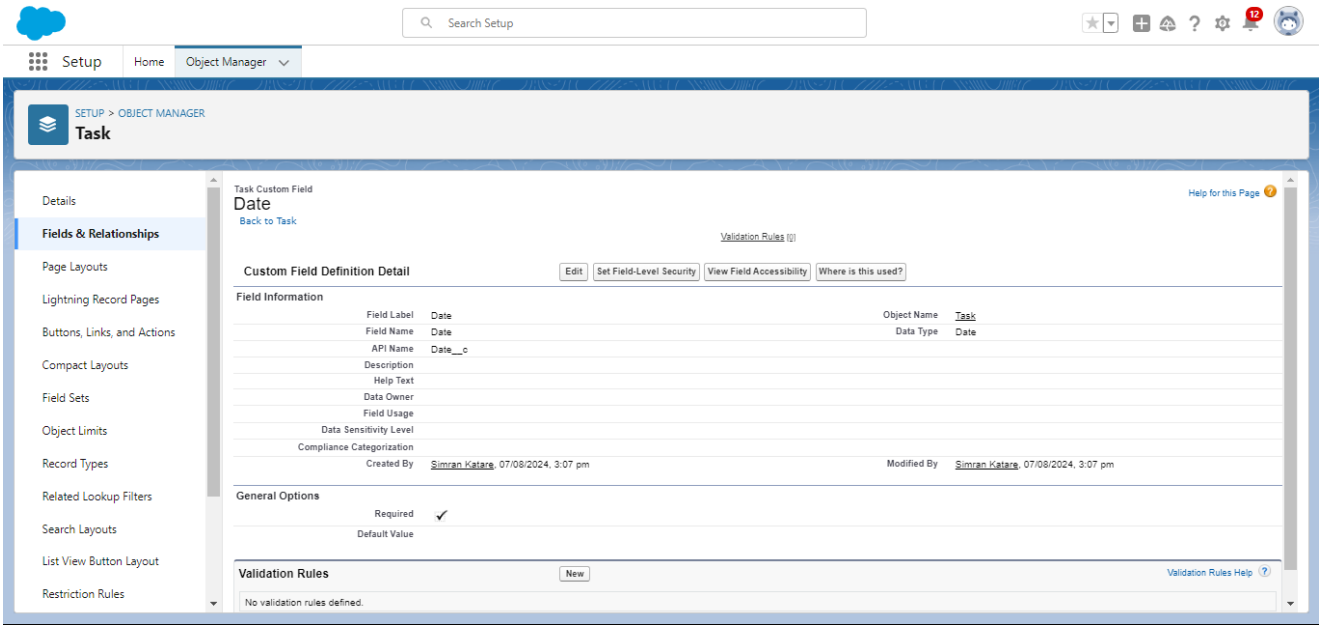
Food Category



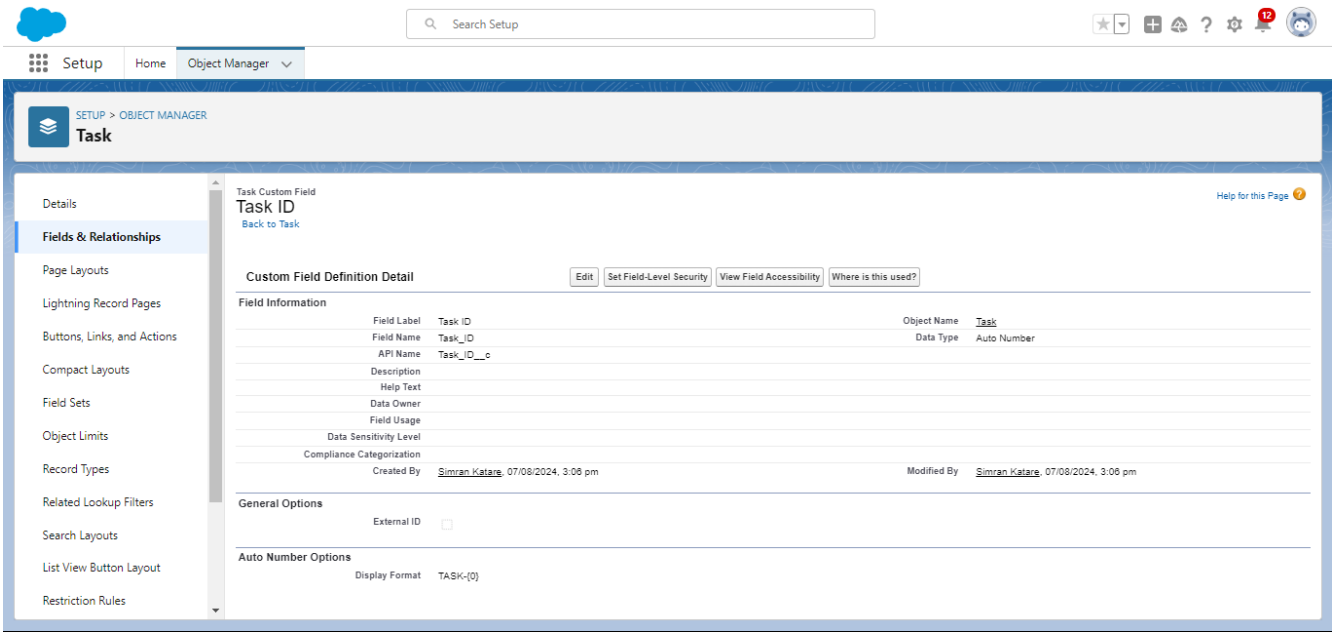
Number Of People Saved



Date

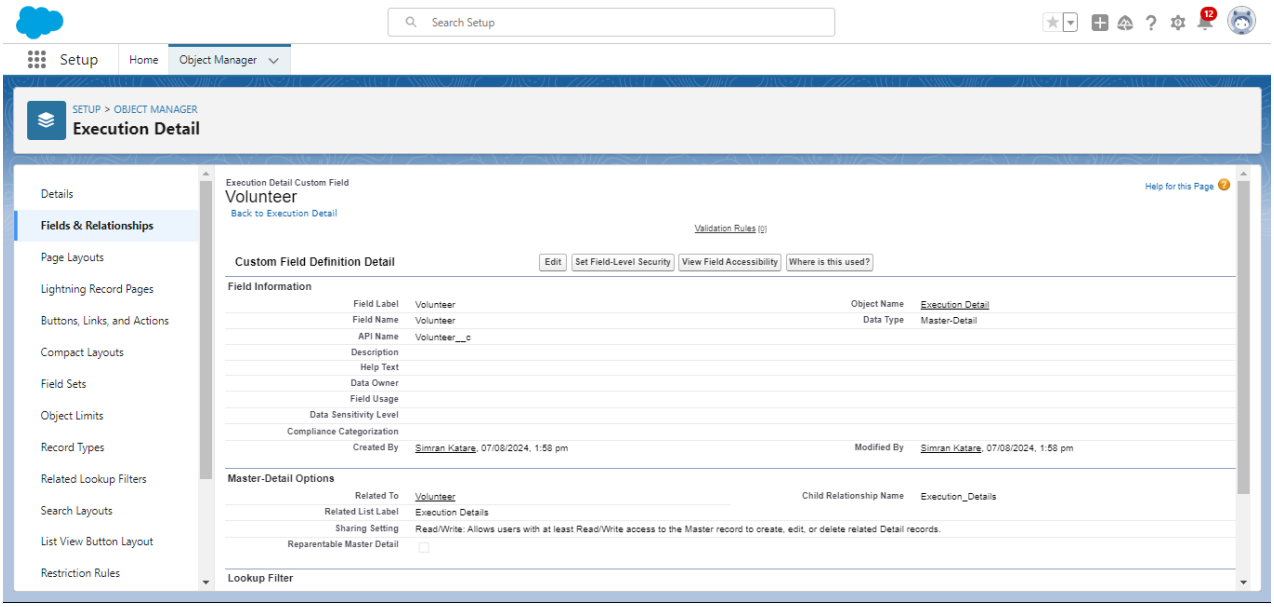


Task ID

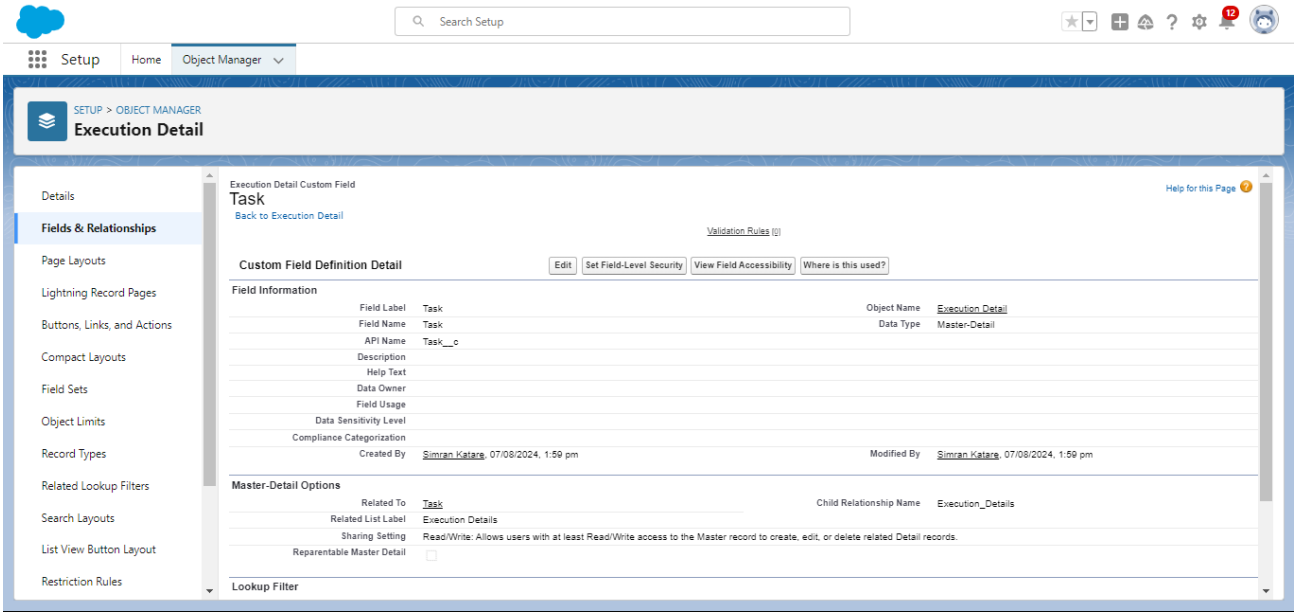


Creation of Fields for the Execution Details Object

Volunteer



Task

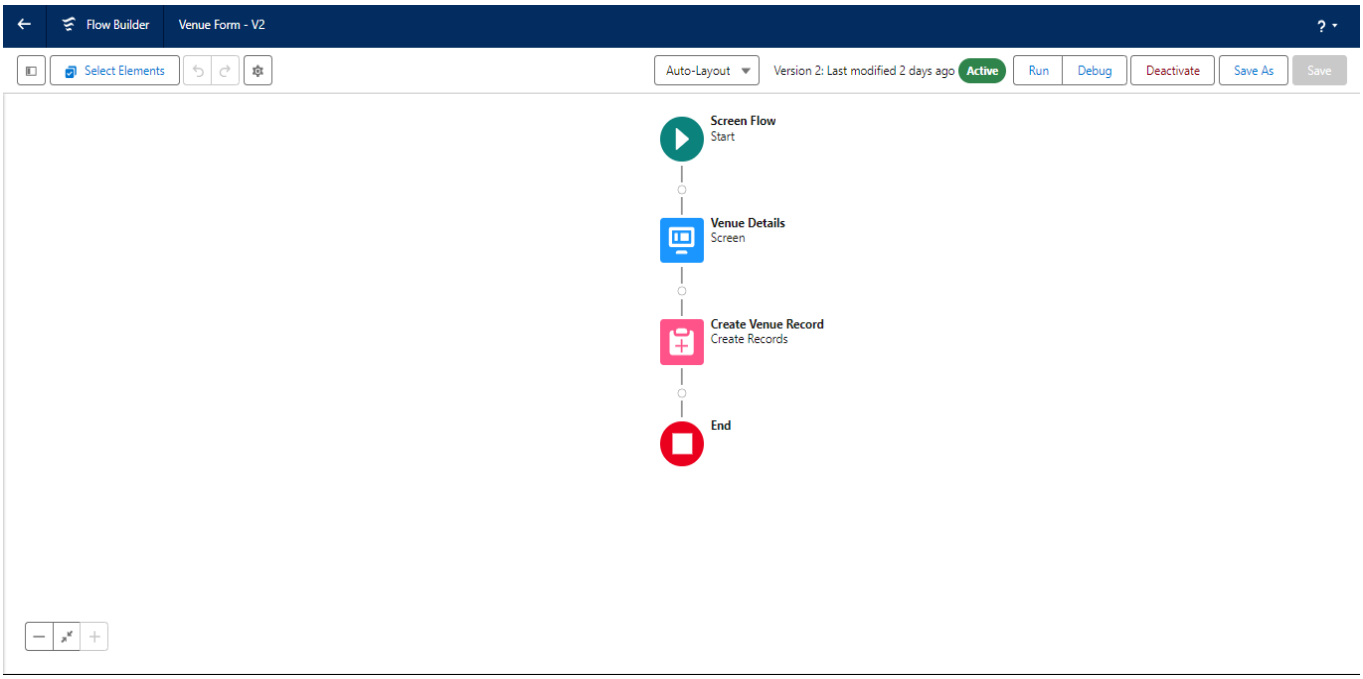


5) Flows

What is a Flow?

Flows are automation tools that allow users to create complex business processes and workflows using a visual interface. They can automate tasks, guide users through steps, and integrate with other systems.

Flow to Create a Record in Venue Object

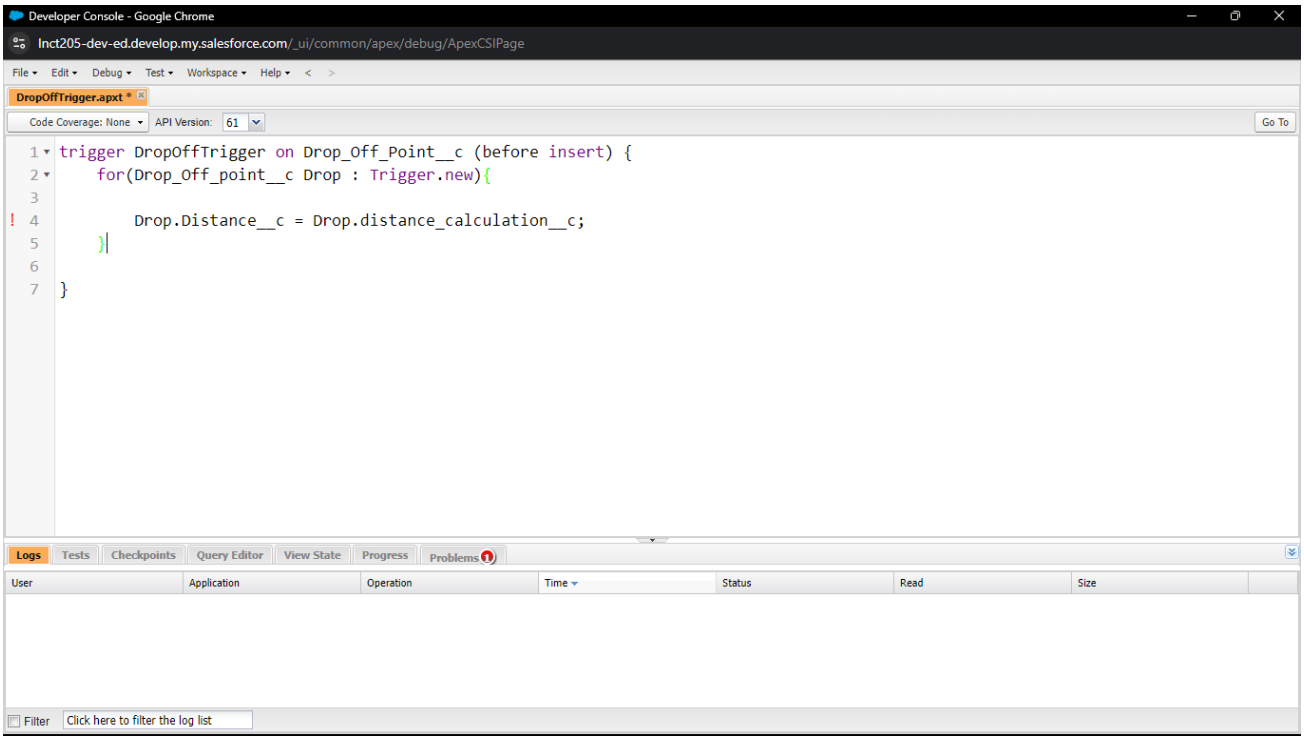


6) Trigger

What is a Trigger?

A trigger is a piece of Apex code that executes before or after specific database events on objects, such as insertions, updates, or deletions. Triggers are used to perform custom actions or enforce business rules.

Trigger Code

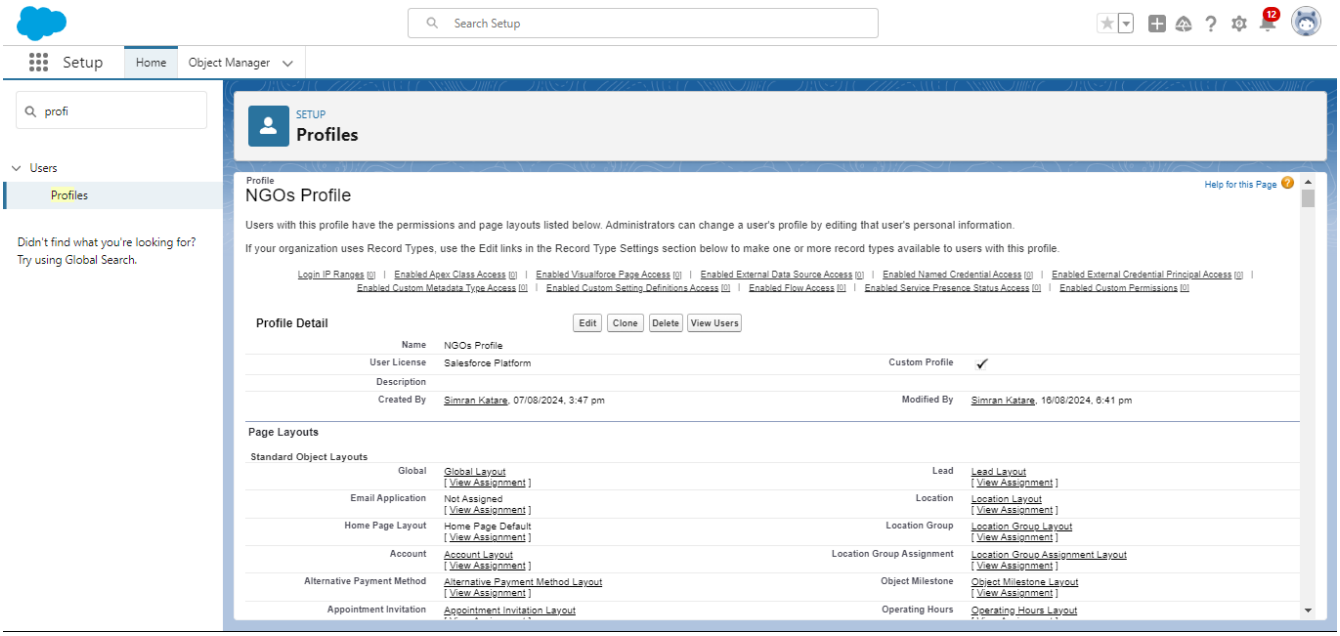


7) Profiles

What is a Profile?

Profiles define a user's permissions and access settings, controlling what users can see and do within the application. They specify the objects, fields, and functions a user can access.

NGOs Profile

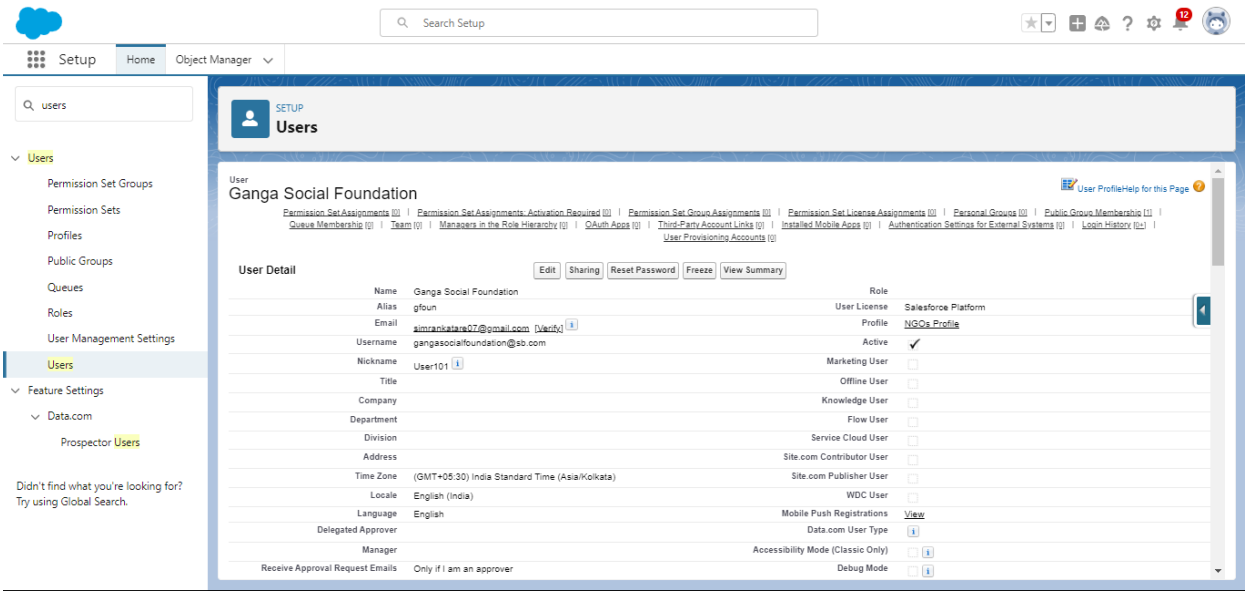


8) Users

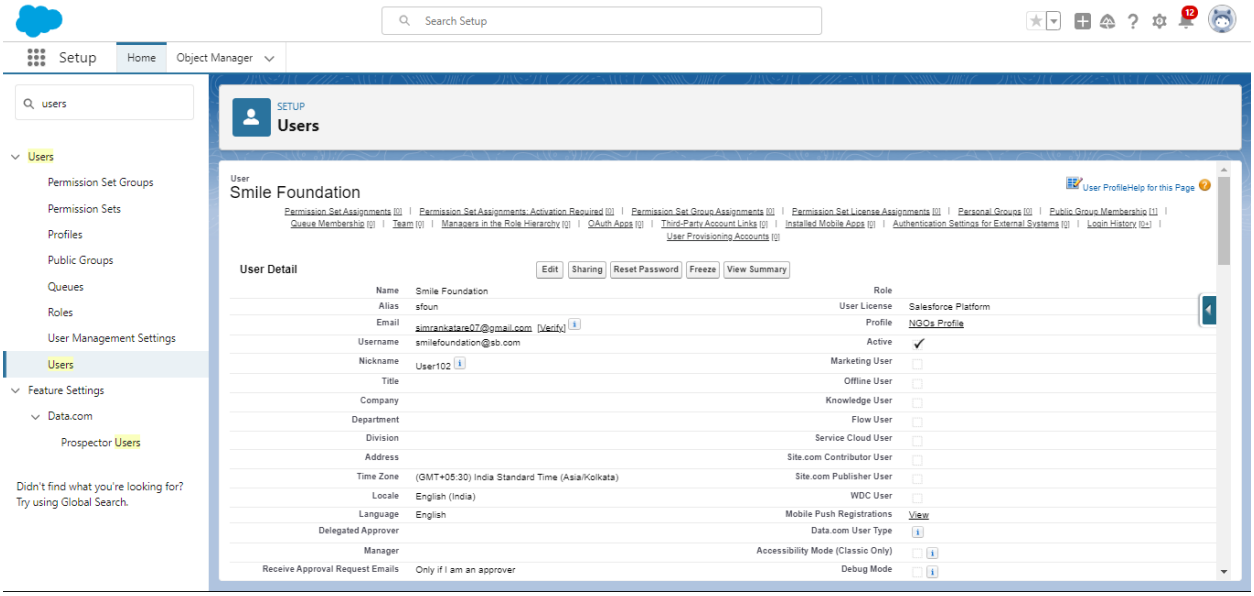
What is a User?

Users are individuals who have login access to the Salesforce organization. Each user has a unique username, profile, and role, determining their access levels and permissions within the system.

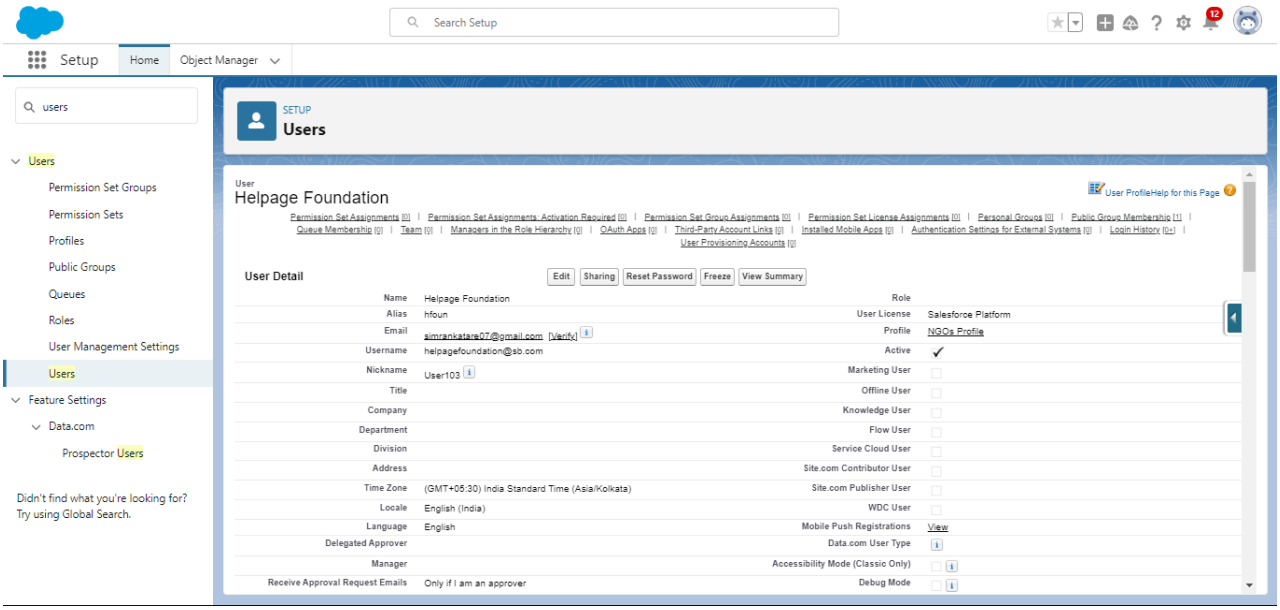
Ganga Social Foundation



Smile Foundation



Helpage Foundation

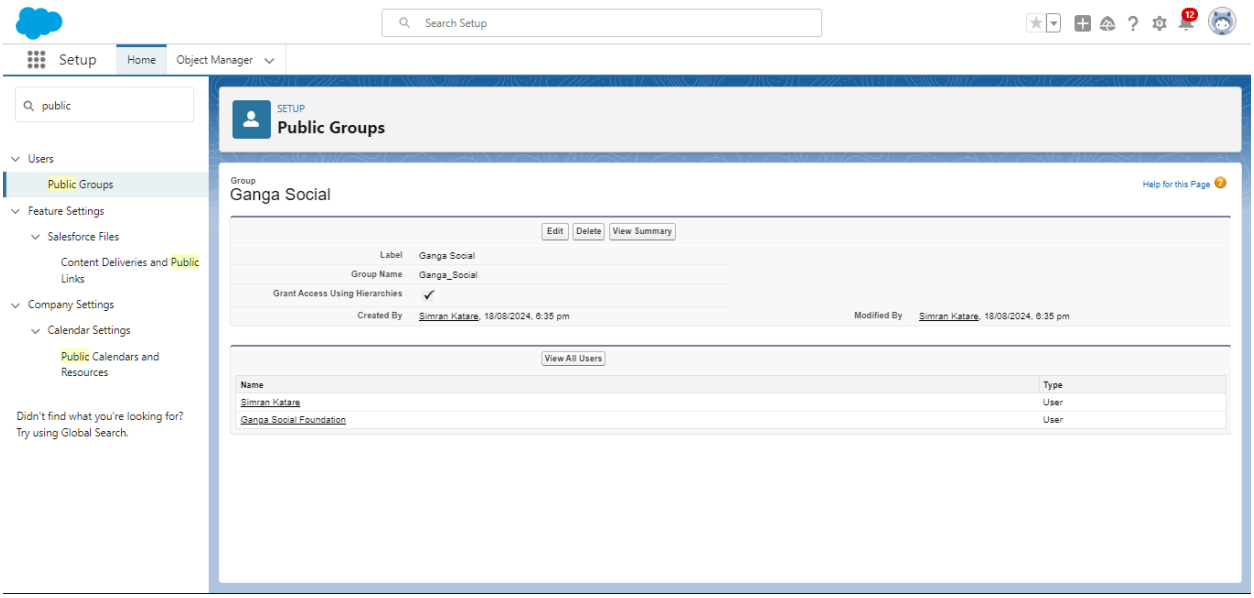


9) Public Groups

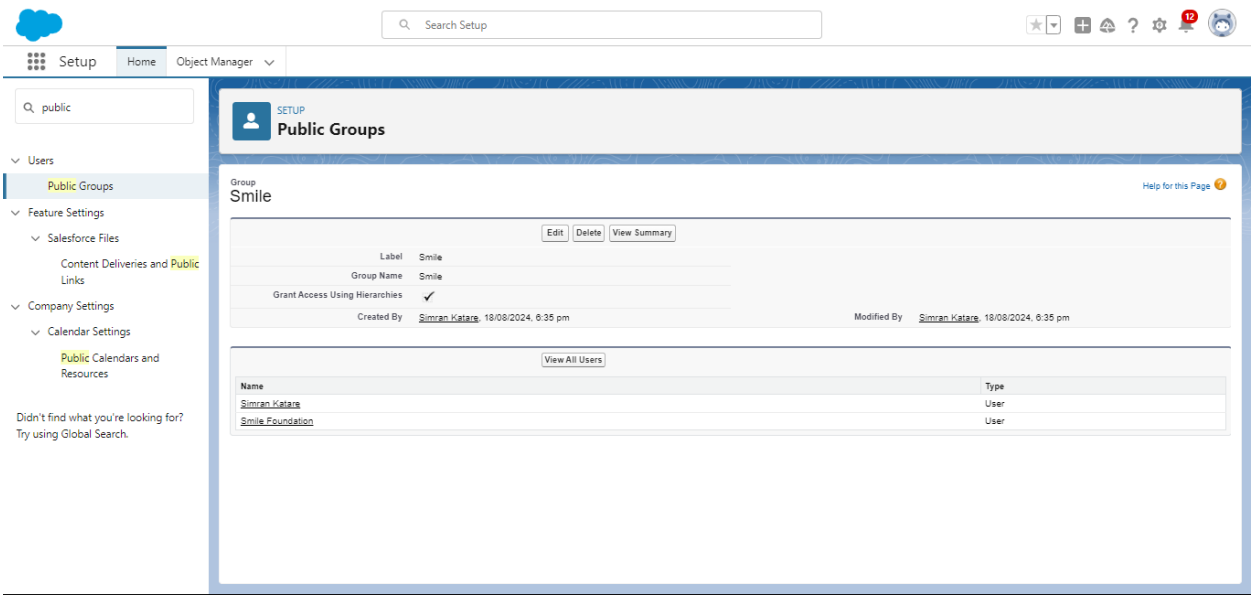
What is a Public Groups ?

Public groups are collections of users, roles, and other groups that can be used to simplify sharing rules and access settings. They help manage data visibility and permissions across multiple users.

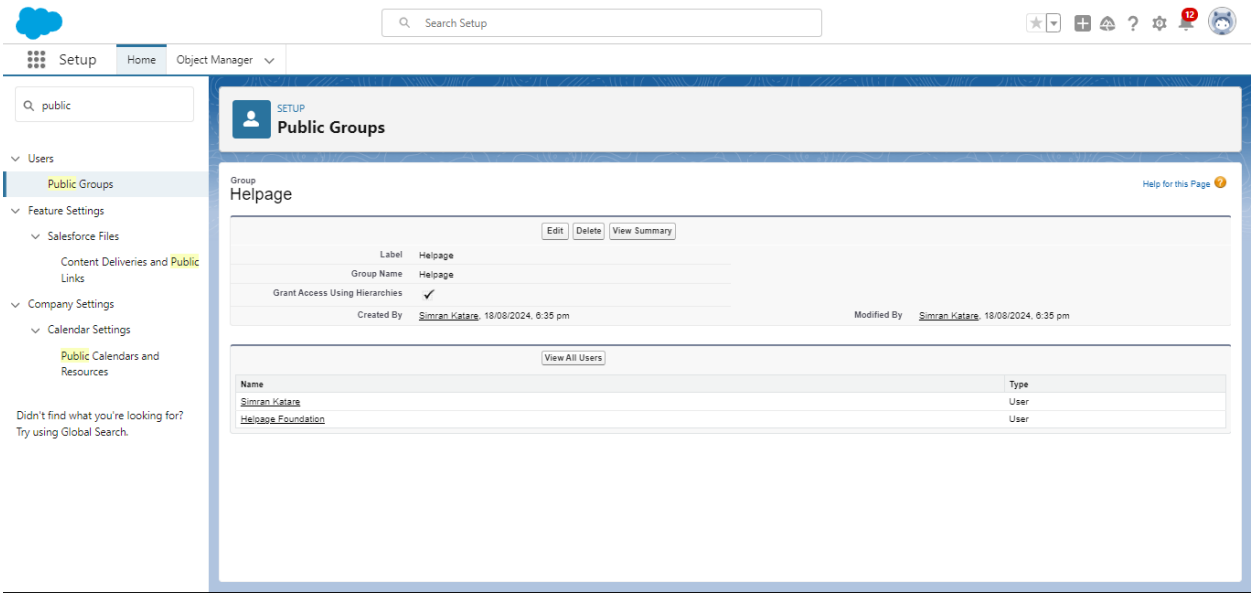
Ganga Social



Smile



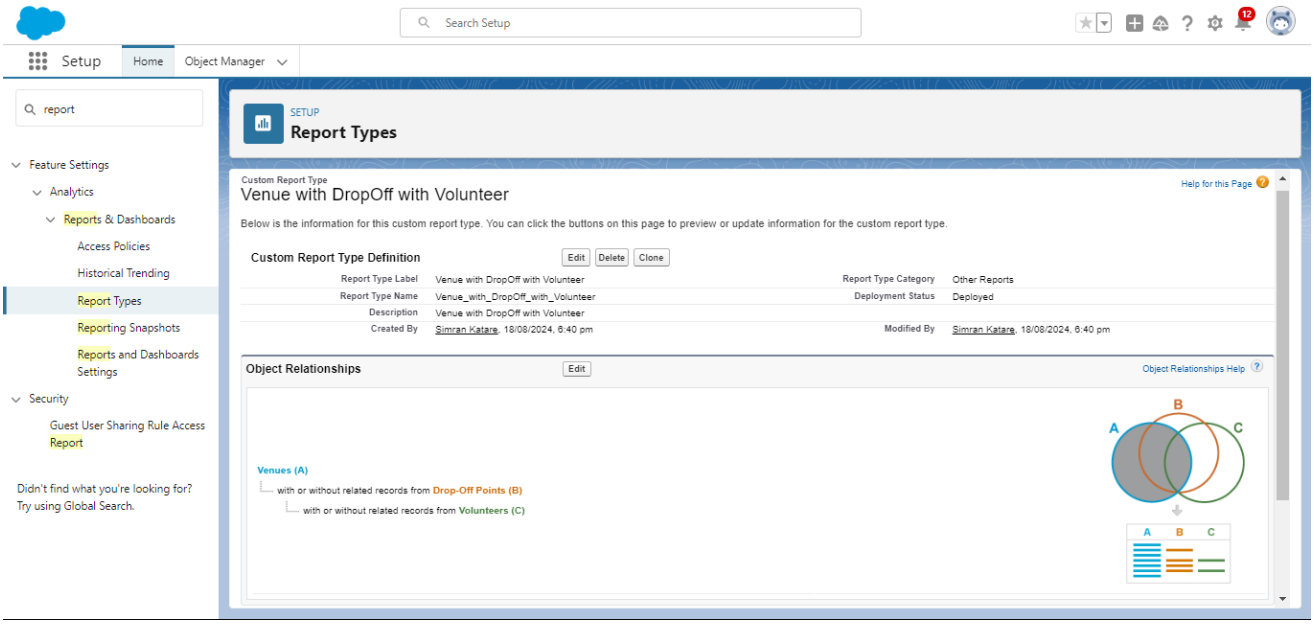
Helpage



10) Report Types

What is a Report Type?

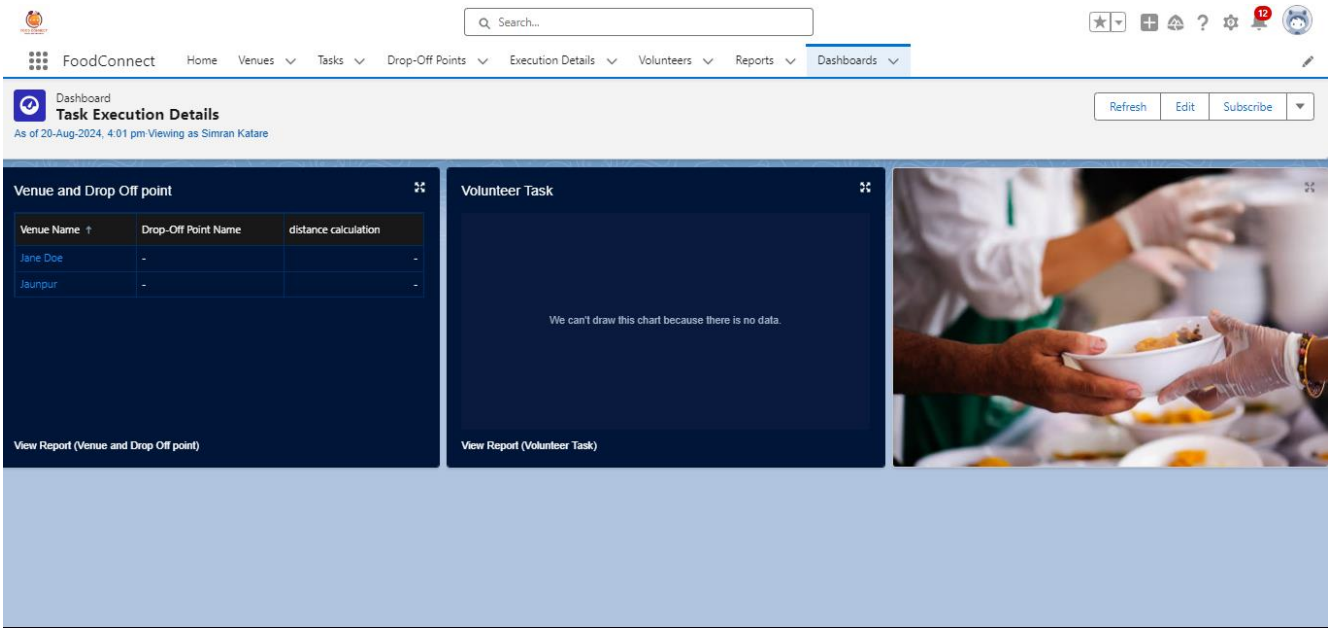
Report types define the set of records and fields available for a report. They determine which objects, and their relationships can be included, allowing users to create customized reports based on specific criteria.



11) Dashboards

What is a Dashboard?

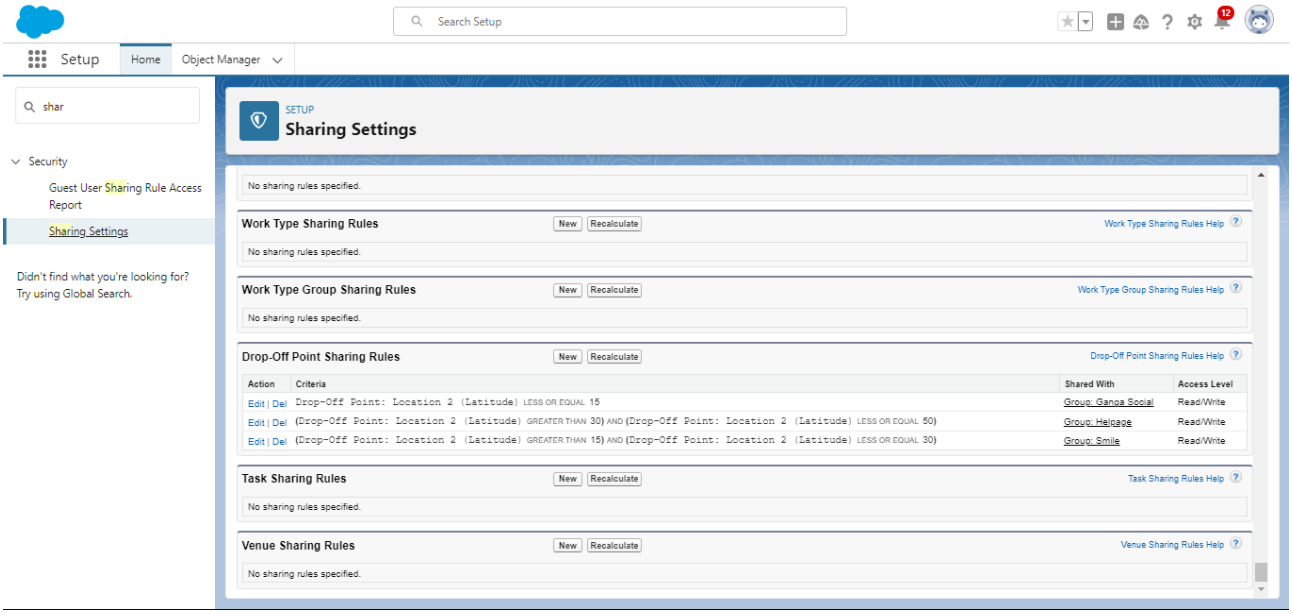
Dashboards are visual displays of key metrics and reports, providing a snapshot of business performance. They consist of multiple components like charts, graphs, and tables, offering insights and data visualization for decision-making.



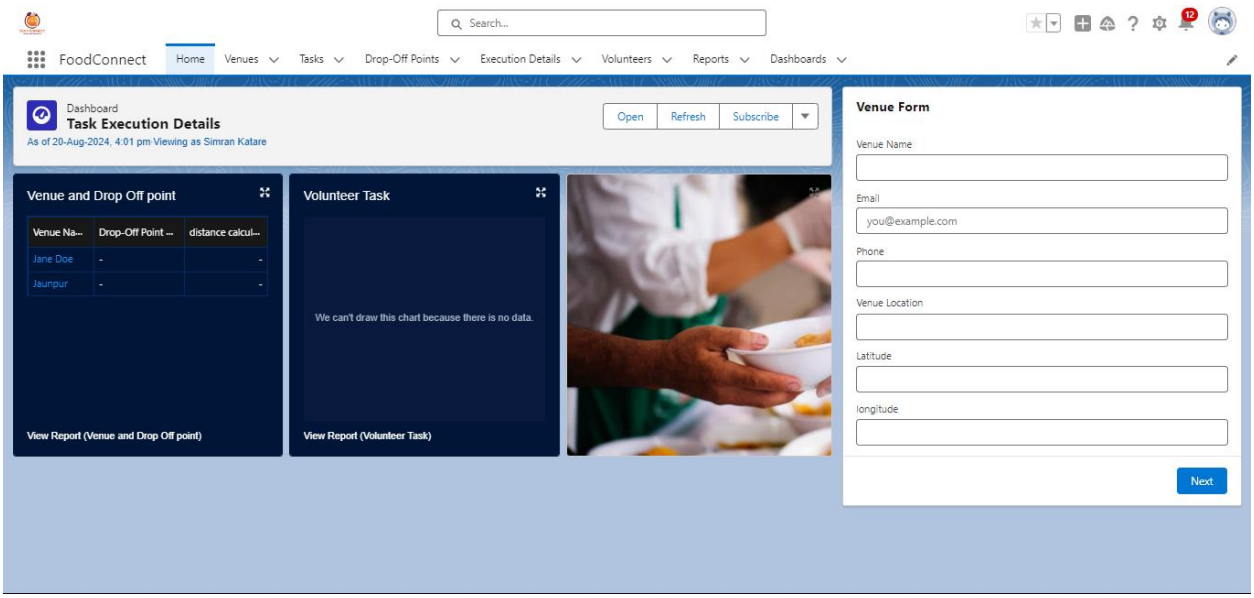
12) Sharing Rules

What is a Sharing Rule?

Sharing rules are used to extend access to records to users in public groups or roles. They allow administrators to define additional criteria for sharing records beyond what is granted by default through profiles and roles, ensuring appropriate data access across the organization.



13) Conclusions

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.

Food Connect App