

To Supply Leftover Food to Poor

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- **INTRODUCTION**

- Project Overview

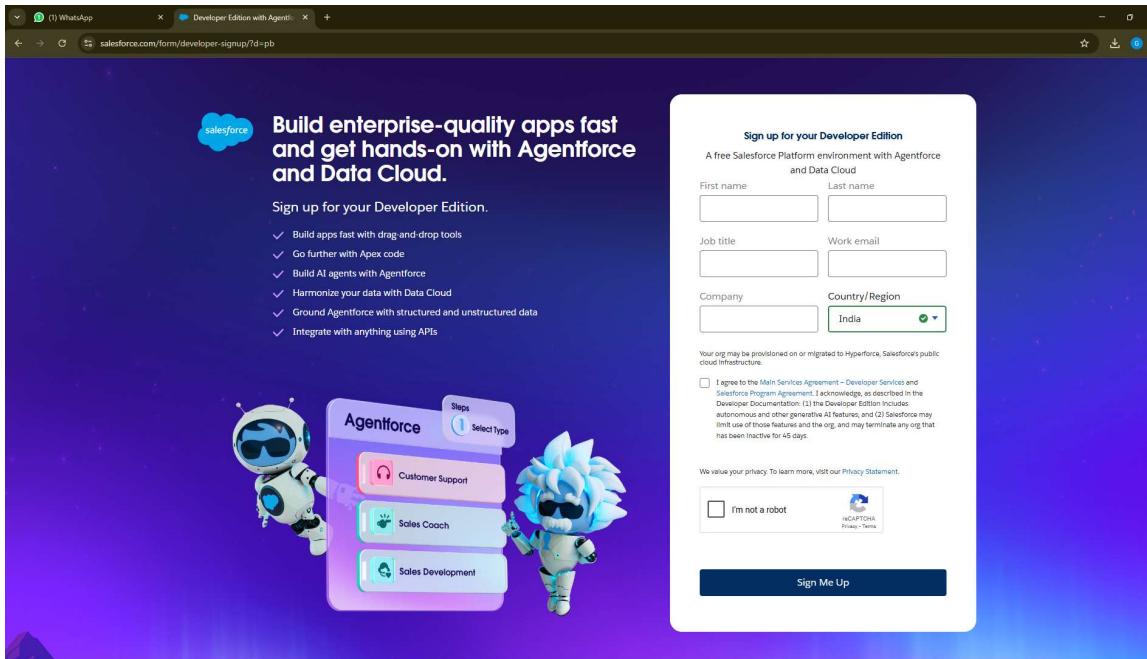
This project aims to provide nutritious meals to poor and underprivileged communities, ensuring food security and reducing hunger



- Purpose

The purpose of this project is to eliminate hunger by distributing healthy and affordable food to poor and needy people, thereby improving their quality of life and promoting social welfare.

Creating Developer Account



Object

Purpose: To track leftover food donations and their distribution to the poor.

To create an object

Details	
Fields & Relationships	Description
Page Layouts	API Name venue__c Custom
Lightning Record Pages	Singular Label venue
Buttons, Links, and Actions	Plural Label venues
Compact Layouts	
Field Sets	
Object Limits	
Record Types	
Related Lookup Filters	
Search Layouts	
List View Button Layout	
Restriction Rules	
Scoping Rules	
Object Access	
Triggers	
Flow Triggers	
Validation Rules	
Conditional Field Formatting	

Create Drop-Off Point Object

The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes tabs for Setup, Home, and Object Manager. The main title is "Drop-Off Point". The left sidebar lists various configuration options: 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, Scoping Rules, Object Access, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The right panel displays the "Details" section for the "Drop-Off Point" object. It shows the API Name as "Drop_Off_Point__c", a Custom field type, and a Singular Label of "Drop-Off Point". The Plural Label is "Drop-Off Points". Under the "Enable Reports" section, checkboxes are checked for "Track Activities", "Track Field History", and "Deployment Status". The "Help Settings" section indicates "Standard salesforce.com Help Window". At the bottom right of the panel are "Edit" and "Delete" buttons.

Create Task Object

The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes tabs for Setup, Home, and Object Manager. The main title is "Task". The left sidebar lists various configuration options: 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, Scoping Rules, Object Access, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The right panel displays the "Details" section for the "Task" object. It shows the API Name as "Task__c", a Custom field type, and a Singular Label of "Task". The Plural Label is "Tasks". Under the "Enable Reports" section, checkboxes are checked for "Track Activities", "Track Field History", and "Deployment Status". The "Help Settings" section indicates "Standard salesforce.com Help Window". At the bottom right of the panel are "Edit" and "Delete" buttons.

Create Volunteer Object

The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes 'Student', 'Volunteer | Salesforce', and a search bar. Below the navigation is a blue header bar with 'Setup', 'Home', and 'Object Manager' tabs, where 'Object Manager' is selected. The main content area has a left sidebar with 'Details' and a list of configuration tabs: 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, Scoping Rules, Object Access, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The right panel displays the 'Volunteer' object's details. It shows the API Name 'Volunteer__c', a custom field type indicated by a checkmark, and a singular label 'Volunteer'. The plural label is 'Volunteers'. On the right, there are sections for 'Enable Reports', 'Track Activities', 'Track Field History', 'Deployment Status' (set to 'Deployed'), and 'Help Settings' (set to 'Standard salesforce.com Help Window'). At the bottom right of the panel are 'Edit' and 'Delete' buttons.

Create Execution Details Object

This screenshot shows the 'Execution Detail' object setup in the Salesforce Object Manager. The interface is identical to the 'Volunteer' setup screen, with the same top navigation, blue header bar, and sidebar of configuration tabs. The right panel displays the 'Execution Detail' object's details. It shows the API Name 'Execution_Detail__c', a custom field type indicated by a checkmark, and a singular label 'Execution Detail'. The plural label is 'Execution Details'. The right panel also includes sections for 'Enable Reports', 'Track Activities', 'Track Field History', 'Deployment Status' (set to 'Deployed'), and 'Help Settings' (set to 'Standard salesforce.com Help Window'). The 'Edit' and 'Delete' buttons are located at the bottom right of the panel.

Tabs

The screenshot shows the Salesforce Setup interface with the 'Tabs' page selected. On the left, the navigation sidebar includes 'Feature Settings' (Analytics, Tableau, User Interface), 'Console Settings', 'Rename Tabs and Labels', and 'Tabs'. The main content area is titled 'Edit Custom Object Tab Drop-Off Points'. It displays the 'Custom Tab Definition Edit' form for a 'Custom Object Tab Information' named 'Drop-Off Points'. The 'Tab Label' is set to 'Drop-Off Points', 'Object' is 'Drop-Off Point', and 'Tab Style' is 'Car'. An optional 'Splash Page Custom Link' is set to 'None'. A description field is empty. At the bottom are 'Save' and 'Cancel' buttons.

The second screenshot shows the same setup process for a custom object tab named 'VENUES'. The 'Tab Label' is 'venues', 'Object' is 'venue', and 'Tab Style' is 'Alarm clock'. The optional 'Splash Page Custom Link' is again set to 'None'. The description field is empty. The bottom of the page includes a note about JavaScript being injected and a URL for further reading.

The image contains two screenshots of the Salesforce Setup interface, both titled "Tabs | Salesforce".

Screenshot 1: Custom Tab Definition Edit

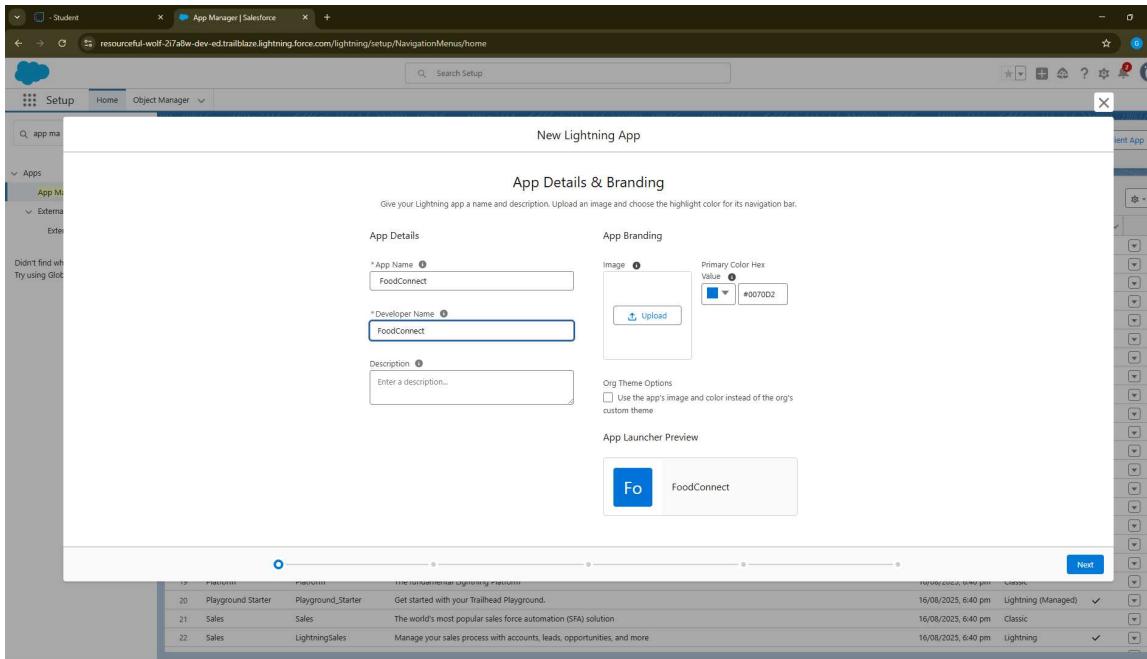
This screenshot shows the "Custom Tab Definition Edit" page. The left sidebar is collapsed, and the main area displays the "Execution Details" section. It includes fields for "Tab Label" (set to "tab"), "Object" (set to "Execution Detail"), and "Tab Style" (set to "Apple"). Below these, there's a note about choosing a "Home Page Custom Link" and a "Description" field which is empty. At the bottom are "Save" and "Cancel" buttons.

Screenshot 2: Custom Tabs

This screenshot shows the "Custom Tabs" page. The left sidebar is expanded, showing sections like Feature Settings, Analytics, Tableau, User Interface, and Tabs. The main area lists various custom tabs defined by object type:

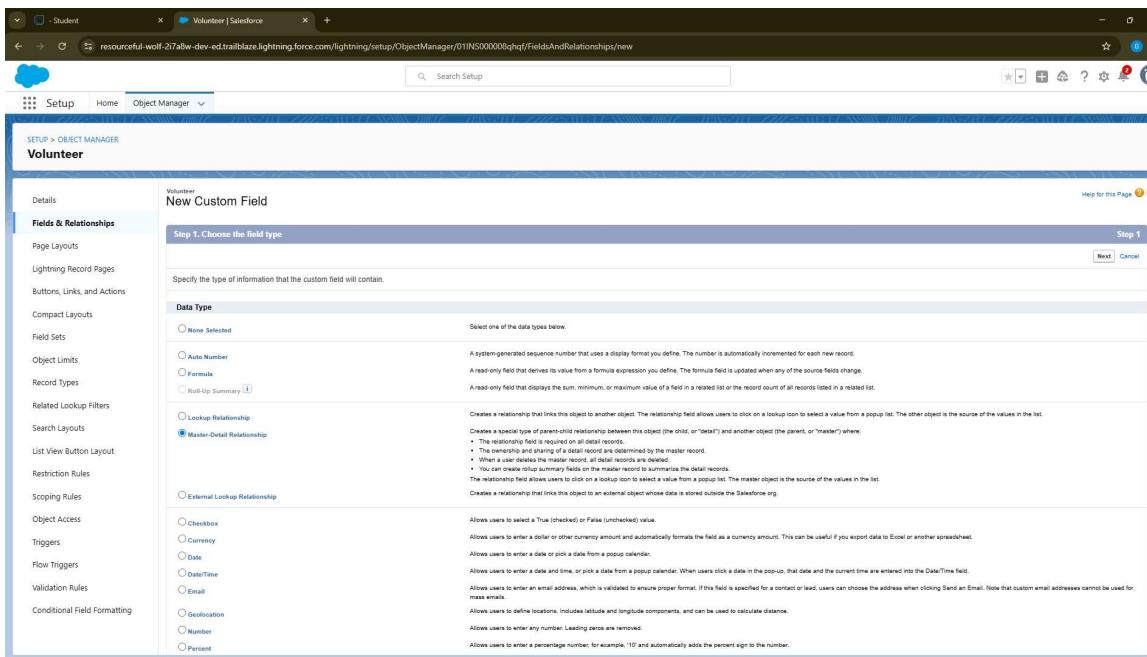
- Custom Object Tabs:**
 - Action: Label: Drop-off Points, Tab Style: Car
 - Action: Label: Execution Details, Tab Style: Apple
 - Action: Label: Tasks, Tab Style: Alarm clock
 - Action: Label: venues, Tab Style: Alarm clock
 - Action: Label: Volunteers, Tab Style: Apple
- Web Tabs:** No Web Tabs have been defined.
- Visualforce Tabs:** No Visualforce Tabs have been defined.
- Lightning Component Tabs:**
 - Action: Label: Get Your Login Credentials, Tab Style: Flag
 - Action: Label: Install a Package, Tab Style: Compass
 - Action: Label: Welcome, Tab Style: Chalkboard
- Lightning Page Tabs:**
 - Action: Label: Bike Card, Tab Style: Circle

The Lightning App



Fields

Creation of fields for the Volunteer object



FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Drop_Off_point	Drop_Off_point_c	Master-Detail(Drop-Off point)		▼
Last Modified By	LastModifiedById	Lookup(User)		▼
Volunteer Name	Name	Text(80)		▼

Creation of fields for the Drop-Off point object

New Custom Field

Step 1. Choose the field type

Specify the type of information that the custom field will contain.

Data Type

- None Selected
- Auto Number
- Formula
- Rollup Summary
- Lookup Relationship
- Master-Detail Relationship
- External Look-up Relationship
- Checkbox
- Currency
- Date
- DateTime
- Email
- Geolocation
- Number
- Percent

Fields & Relationships					
	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Created By	CreatedById	Lookup(User)		
Lightning Record Pages	Drop-Off Point Name	Name	Text(80)		✓
Buttons, Links, and Actions	Last Modified By	LastModifiedById	Lookup(User)		
Compact Layouts	Owner	OwnerId	Lookup(User/Group)		✓
Field Sets	venue	venue_c	Lookup(venue)		✓
Object Limits					
Record Types					
Related Lookup Filters					
Search Layouts					
List View Button Layout					
Restriction Rules					
Scoping Rules					
Object Access					
Triggers					
Flow Triggers					
Validation Rules					
Conditional Field Formatting					

Fields & Relationships					
	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Created By	CreatedById	Lookup(User)		
Lightning Record Pages	Drop-Off Point Name	Name	Text(80)		✓
Buttons, Links, and Actions	Last Modified By	LastModifiedById	Lookup(User)		
Compact Layouts	Owner	OwnerId	Lookup(User/Group)		✓
Field Sets	venue	venue_c	Lookup(venue)		✓
Object Limits					
Record Types					
Related Lookup Filters					
Search Layouts					
List View Button Layout					
Restriction Rules					
Scoping Rules					
Object Access					
Triggers					
Flow Triggers					
Validation Rules					
Conditional Field Formatting					

Creation of fields for the Task object

Screenshot of the Salesforce Setup interface showing the creation of a new custom field for the Task object.

Task New Custom Field

Step 1. Choose the field type

Specify the type of information that the custom field will contain.

Data Type

- None Selected
- Auto Number
- Formula
- Roll Up Summary
- Lookup Relationship
- Master-Detail Relationship
- External Lookup Relationship
- Checkbox
- Currency
- Date
- Date/Time
- Email
- Geolocation
- Number
- Percent

Fields & Relationships

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Task Name	Name	Text(80)		✓
venue	venue_c	Lookup(venue)		✓

Creation of n fields for tExecution Details object

The screenshots show the Salesforce Setup interface for creating a new custom field named "New Custom Field". The left sidebar shows the "Fields & Relationships" section selected. The main area displays the "Step 1. Choose the field type" page. The "Data Type" section lists several options:

- None Selected
- Auto Number
- Formula
- Roll Up Summary
- Lookup Relationship
- Master-Detail Relationship
- External Lookup Relationship
- Checkbox
- Currency
- Date
- Date/Time
- Email
- Geolocation
- Number
- Percent

Each option has a detailed description below it.

Creation of n fields for tExecution Details object

The screenshot shows the Salesforce Setup interface for managing objects. The top navigation bar includes tabs for 'Student' and 'venue | Salesforce'. The main title is 'resourceful-wolf-2i7afw-dev-ed.trailblaze.lightning.force.com/lightning/setup/ObjectManager/01NS000000sqhA/FieldsAndRelationships/new'. A search bar at the top right contains the text 'Search Setup'. The left sidebar lists various setup categories: 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, Scoping Rules, Object Access, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The 'Fields & Relationships' category is currently selected. The main content area is titled 'SETUP > OBJECT MANAGER' and 'venue'. It displays a form for defining a custom field. The first section, 'Details', has a 'Label' field set to 'Custom Field'. The second section, 'Fields & Relationships', is expanded and shows the 'Data Type' section. Under 'Data Type', there are several options: 'None Selected' (radio button), 'Number' (radio button), 'Formula' (radio button), 'Roll-Up Summary' (radio button), 'Lookup Relationship' (radio button), 'Master-Detail Relationship' (radio button), and 'External Lookup Relationship' (radio button). Each option has a detailed description below it. For example, 'Number' is described as a system-generated sequence number with a display format defined by the user, incrementing for each new record. 'Master-Detail Relationship' is described as creating a relationship between the current object and another object, where the master object is the source of values in the list. 'External Lookup Relationship' is described as linking the current object to an external object whose data is stored outside the Salesforce org.

Fields & Relationships					
	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Contact Email	Contact_Email__c	Email		
Lightning Record Pages	Contact Phone	Contact_Phone__c	Phone		
Buttons, Links, and Actions	Created By	CreatedBy	Lookup(User)		
Compact Layouts	Last Modified By	LastModifiedBy	Lookup(User)		
Field Sets	Location	Location_c	Geolocation		
Object Limits	Owner	OwnerId	Lookup(User,Group)		
Record Types	Venue Location	Venue_Location_c	Long Text Area(32768)		
Related Lookup Filters	venue Name	Name	Text(80)		

Drop-Off Point

Fields & Relationships

Data Type

- None Selected
- Auto Number
- Formula**
- Rollup Summary
- Lookup Relationship
- Master-Detail Relationship
- External Lookup Relationship
- Checklist
- Currency
- Date
- Date/Time
- Email
- Geolocation
- Number
- Percent
- Phone
- Picklist
- Picklist (Multi-Select)
- Text
- Text Area

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distance	Distance__c	Number(14, 4)		
distance calculation	distance_calculation__c	Formula (Number)		
Drop-Off Point Name	Name	Text(80)		
Last Modified By	LastModifiedById	Lookup(User)		
Location 2	Location_2__c	Geolocation		
Owner	OwnerId	Lookup(User, Group)		
State	State__c	Picklist		
venue	venue__c	Lookup(venue)		

FLows

Create Flow to create a record in Venue object

The screenshot shows the Salesforce Flow Builder interface with the title 'New Automation'. On the left, there's a 'Toolbox' section with 'Elements Manager' selected. The main area displays 'Screen Automations' (Showing 20 of 43 results) and 'Types (4)':

- Screen Flow:** Guides users through a business process that's launched from Lightning pages, Experience Cloud sites, quick actions, and more.
- User Provisioning Flow:** Create a user account and link it to a third-party service or app.
- Contact Request Flow:** Create self-service forms to collect contact details.
- Individual-Object Linking Flow:** Links contacts, leads, person accounts, or employees to other records in a screen flow.

Below these are 'Templates (16)':

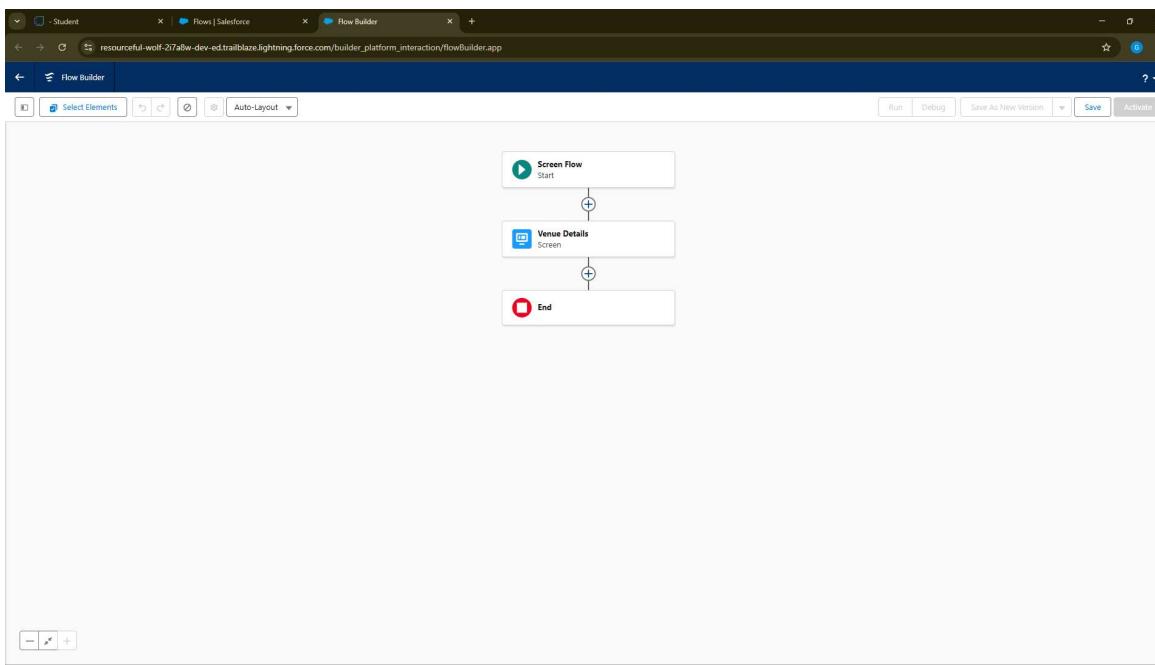
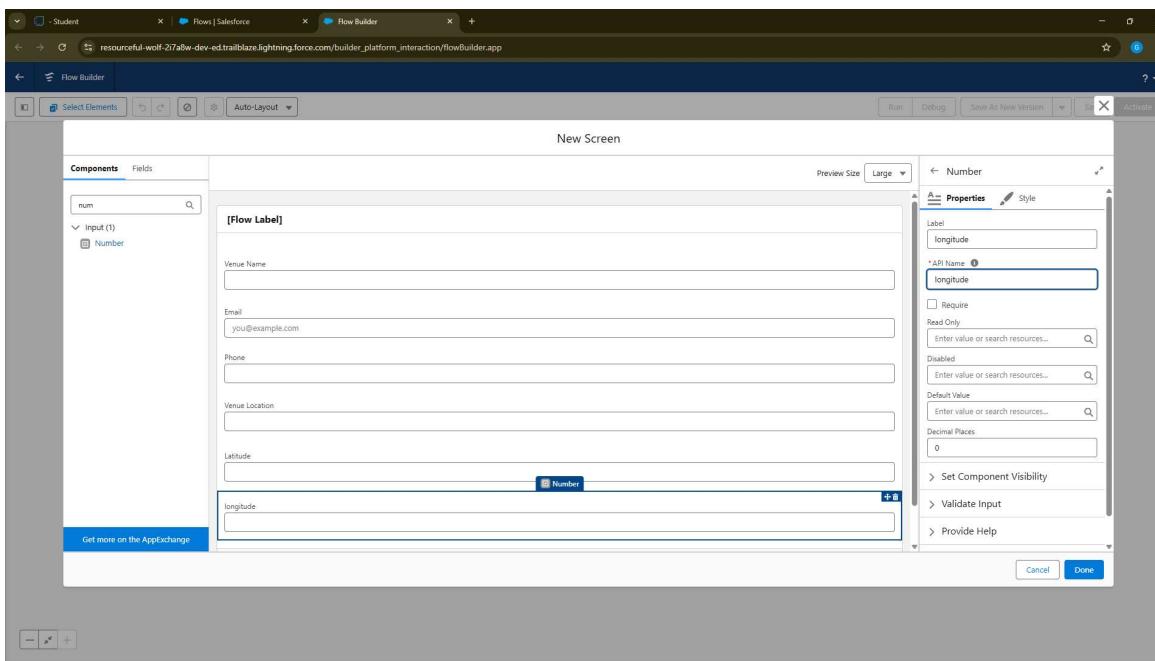
- Approvals Workflow: Evaluate Approval Requests:** Evaluates advanced approval requests to approve or deny them while optionally leaving comments.
- Cancel Item Flow:** Order Management: Cancel order items before fulfillment.
- Change Case Owner to Incident Owner:** When Cases are identified as part of an Incident, change the Case owner to the incident.
- Close Change Request & Related Issues:** Closes a Change Request and attempts to close its related Incidents, Problems, and Cases.

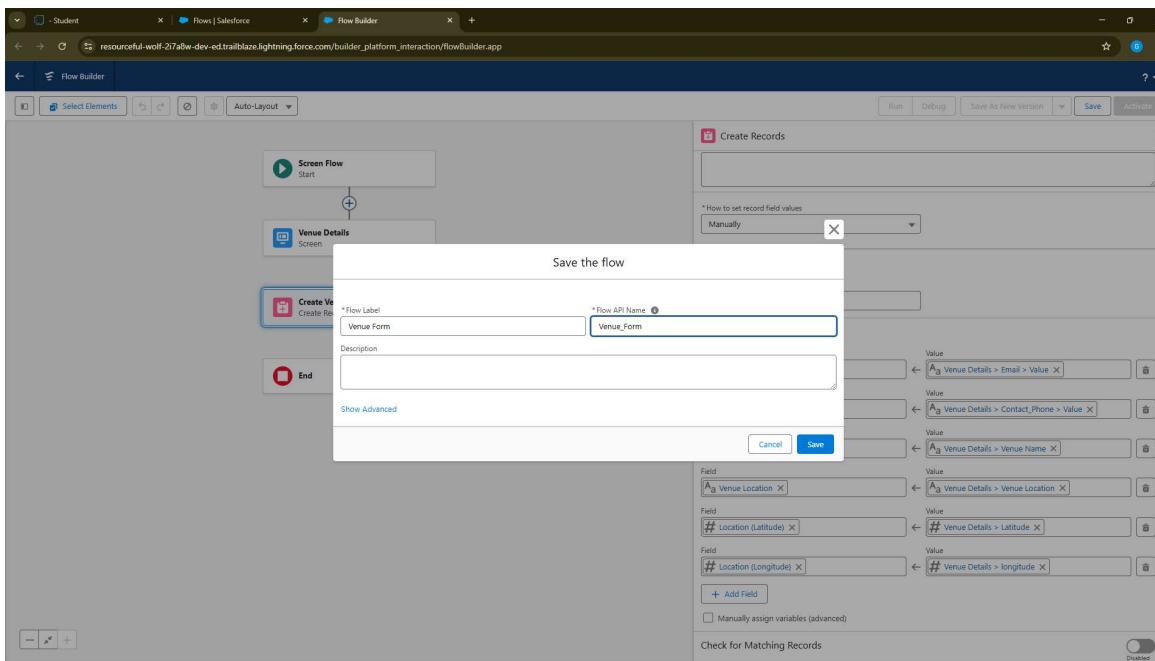
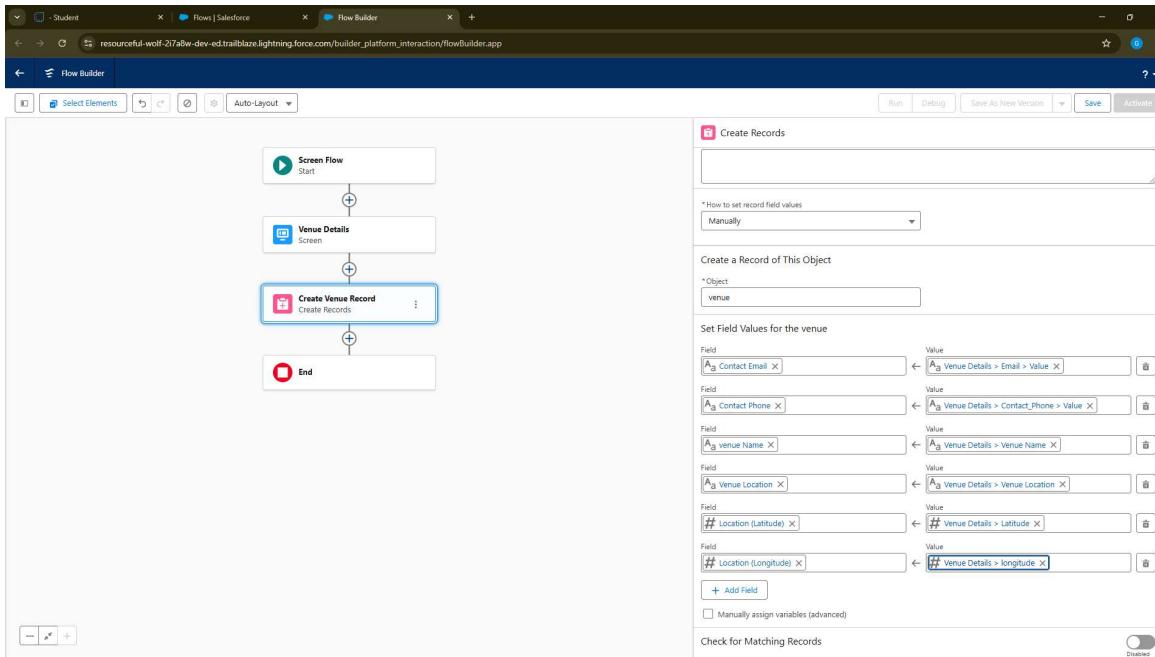
At the bottom left is a 'Back' button, and at the bottom right are 'Save As New Version', 'Save', and 'Activate' buttons.

The screenshot shows the Salesforce Flow Builder interface with the title 'New Screen'. On the left, there's a 'Components' section with 'Input (34)' expanded, showing various input types like Action Button, Address, Call Script, Checkbox, Checkbox Group, Choice Lookup, Currency, Data Table, Date, Date & Time, Dependent Picklists, Display Image, Email, Enhanced Message, File Upload, and Long Text Area. The main area shows a screen labeled '[Flow Label]' with a 'Pause' component. On the right, the 'Screen Properties' panel is open, showing:

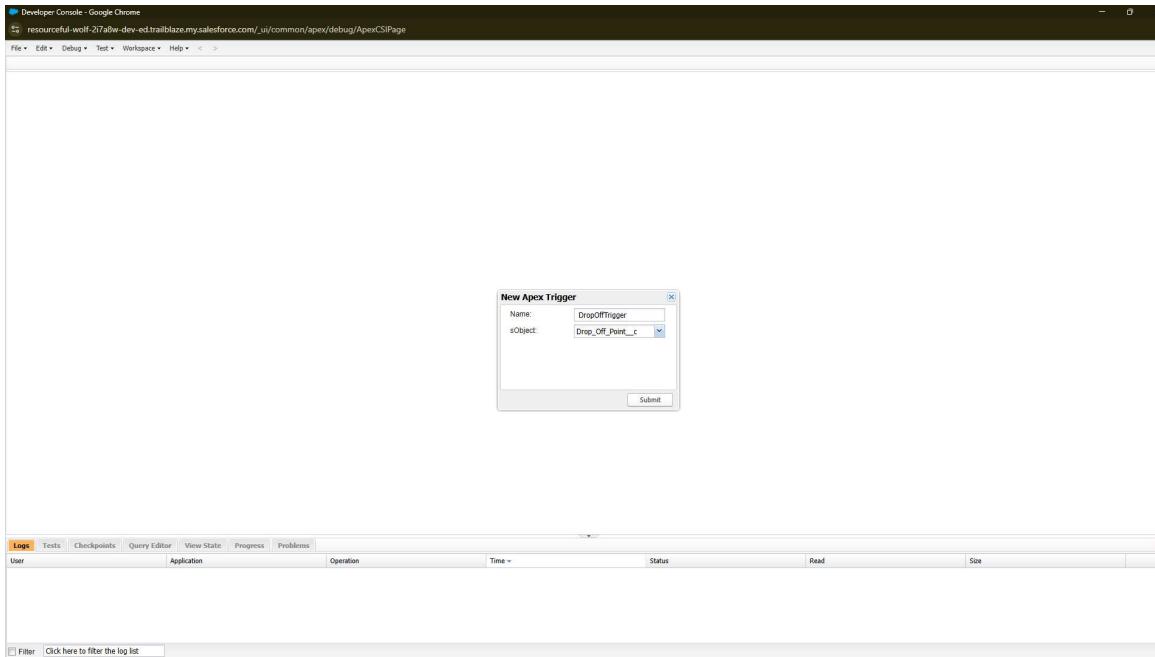
- Properties:**
 - Label:** Venue Details
 - *API Name:** venue_Details
 - Description:** (empty)
 - Stage:** Select a stage resource... (with a search icon)
- Configure Header**
- Configure Footer**
- Configure Screen Actions**

At the bottom right are 'Cancel' and 'Done' buttons.

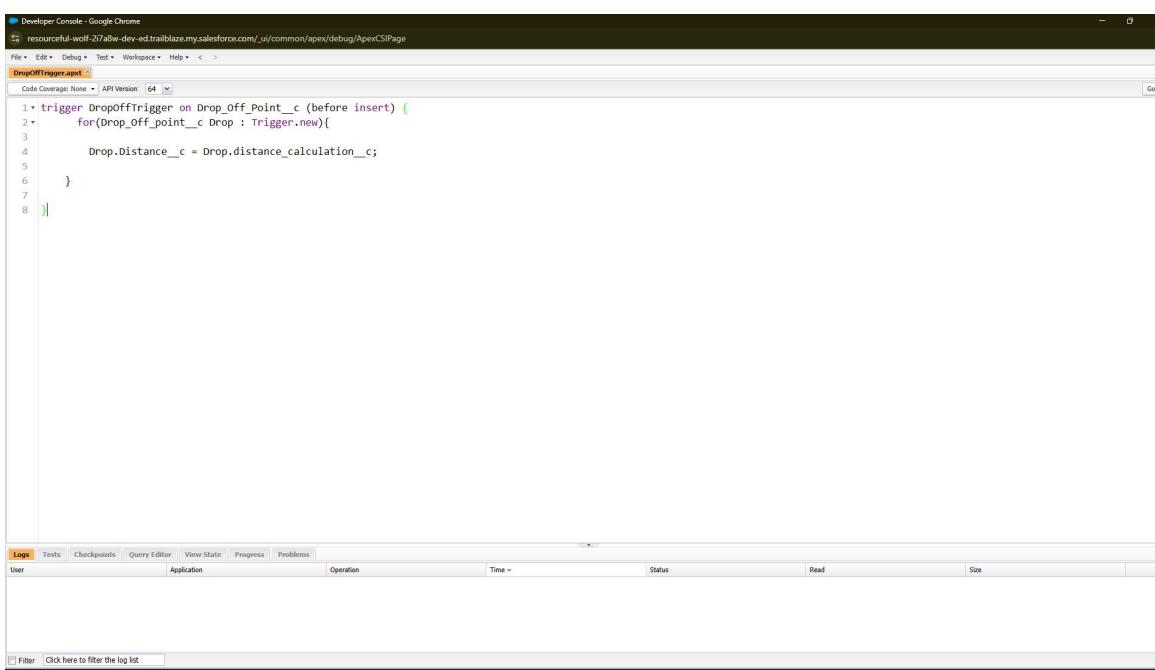




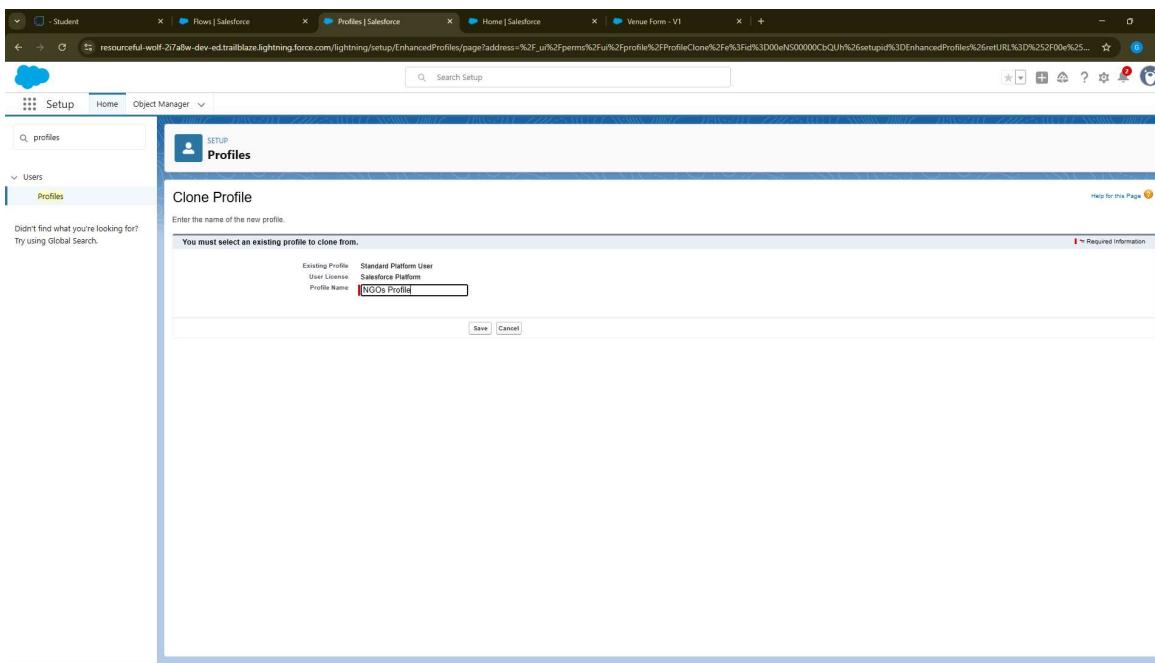
Create a Trigger



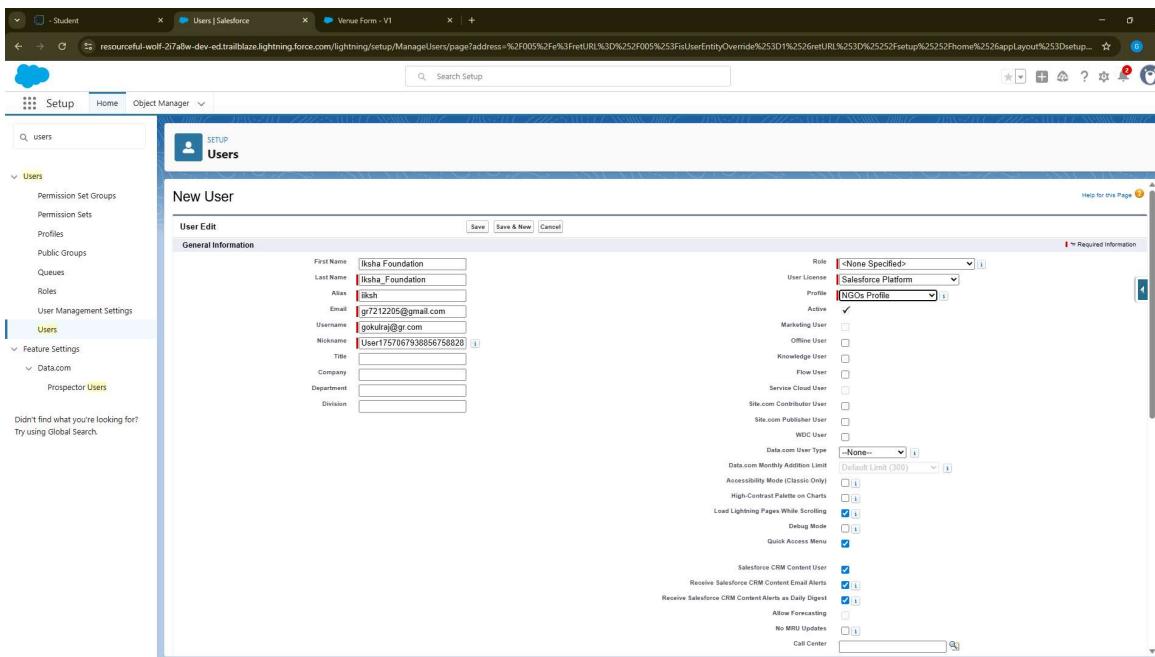
Trigger Code



Profiles



Creation of Users



New User

User Edit

General Information

First Name	Iksha Foundation
Last Name	Iksha_Foundation
Alias	iksh
Email	gr7212205@gmail.com
Username	gokulraj@gr.com
Nickname	User175767938856758828
Title	
Company	
Department	
Division	

Role: <None Specified>

User License: Salesforce Platform

Profile: NGO Profile

Active:

Marketing User:

Office User:

Knowledge User:

Flow User:

Service Cloud User:

Site.com Contributor User:

Site.com Publisher User:

WC2 User:

Data.com User Type: **None**

Data.com Monthly Addition Limit: Default Limit (300)

Accessibility Mode (Classic Only):

High-Contrast Palette on Charts:

Load Lightning Pages While Scrolling:

Debug Mode:

Quick Access Menu:

Salesforce CRM Content User:

Receive Salesforce CRM Content Email Alerts:

Receive Salesforce CRM Content Alerts as Daily Digest:

Allow Forecasting:

No MRU Updates:

Call Center:

All Users

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Edit Chatter Expert	Chatter	chatty@0de0a00000coho2a18tobjv@sfchatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/>	Edit Iksha Foundation_Iksha Foundation	iksh	gokulraj@gr.com		<input checked="" type="checkbox"/>	NGO Profile
<input type="checkbox"/>	Edit M_Goyal	GM	gr7212205@resource@u-wolf-2it@rw.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/>	Edit NSS_NSS	NSS	akash@b.com		<input checked="" type="checkbox"/>	NGO Profile
<input type="checkbox"/>	Edit Street_Cause_StreetCause	Street	vishva@u.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	Edit User_Integration	User_	integration@0de0a00000x0ts2k.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User
<input type="checkbox"/>	Edit User_Security	tes	integrator@0de0a00000x0ts2k.com		<input checked="" type="checkbox"/>	

Public Groups

Creation of Public Group 1

Public Groups

Group Name: Iksha

Grant Access Using Hierarchies:

Search [Users] for [] Find []

Available Members: User: Gokul R, User: Integration User, User: NSS NSS, User: Security User, User: StreetCause Street_Cause

Selected Members: User: Nisha Foundation Iksha Foundation

Add Remove

Add to Delegated Administration Groups

Available Delegated Groups: None

Selected Delegated Groups: None

Add Remove

Save Cancel

Creation of Public Group 2

Public Groups

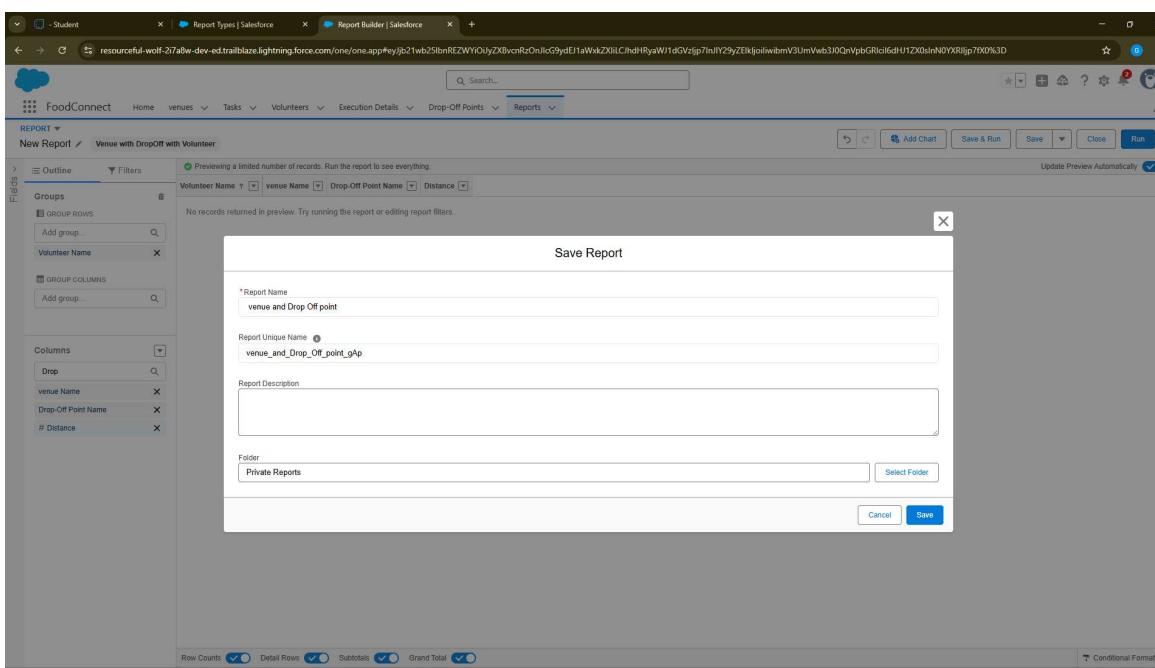
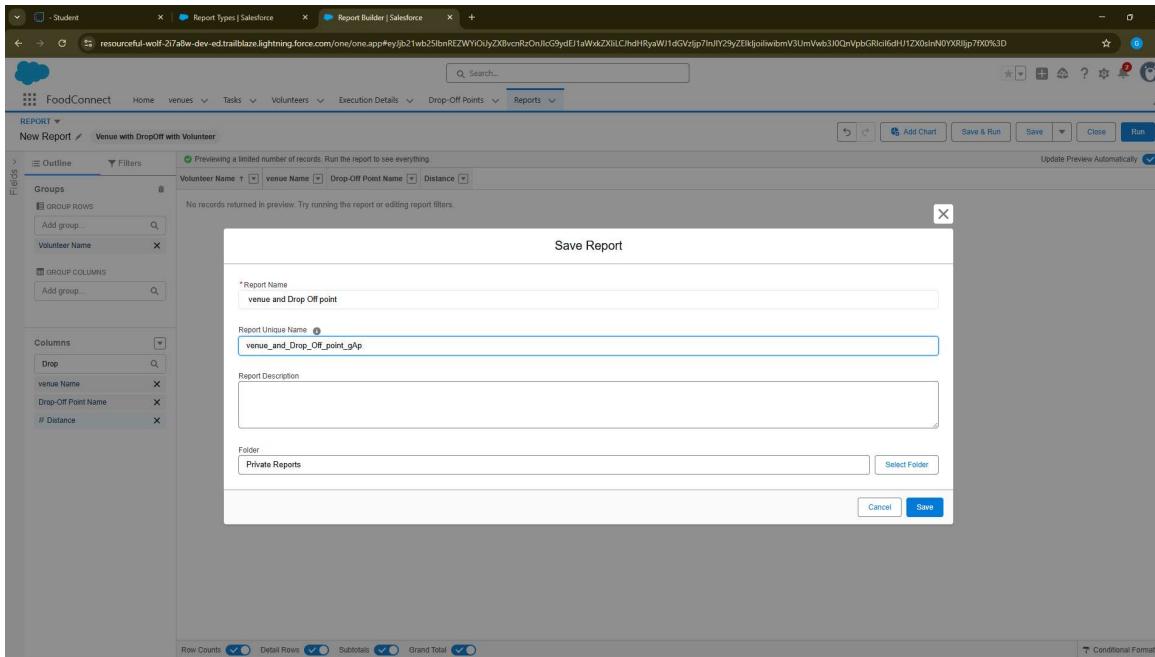
A public group is a set of users. It can contain individual users, other groups, the users in a particular role or territory, or the users in a role or territory plus all of the users below that role or territory in the hierarchy.

View: All | Edit | Create New View

Action	Label	Group Name	Created By	Created Date
Edit Del	Iksha	Iksha	M_GokulRai	05/09/2025, 4:14 pm
Edit Del	NSS	NSS	M_GokulRai	05/09/2025, 4:15 pm
Edit Del	StreetCause	StreetCause	M_GokulRai	05/09/2025, 4:16 pm

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | All

Reports



Dashboards

Sharing Rules

Creation of sharing rules

Sharing Settings - Drop-Off Point Sharing Rule

Step 1: Rule Name

- Label: Rule 1
- Rule Name: Rule 1
- Description:

Step 2: Select your rule type

- Rule Type: Based on criteria

Step 3: Select which records to be shared

Criteria	Field	Operator	Value	Logic
	Distance	less than	15	AND
	None	None		AND
	None	None		AND
	None	None		AND
	None	None		

Step 4: Select the users to share with

- Share with: Public Groups (Isha)

Step 5: Select the level of access for the users

- Access Level: Read Only

User Provisioning Request Sharing Rules

No sharing rules specified.

Web Cart Document Sharing Rules

No sharing rules specified.

Work Order Sharing Rules

No sharing rules specified.

Work Plan Sharing Rules

No sharing rules specified.

Work Plan Template Sharing Rules

No sharing rules specified.

Work Step Template Sharing Rules

No sharing rules specified.

Drop-Off Point Sharing Rules

Action	Criteria	Shared With	Access Level
Edit	Drop-Off Point: Distance LESS THAN 15	Group: Isha	Read Only
Edit	Drop-Off Point: Distance GREATER THAN 15 AND (Drop-Off Point: Distance LESS OR EQUAL 30)	Group: NSS	Read Only
Edit	Drop-Off Point: Distance GREATER THAN 30 AND (Drop-Off Point: Distance LESS OR EQUAL 50)	Group: StreetCause	Read Only

Task Sharing Rules

No sharing rules specified.

venue Sharing Rules

No sharing rules specified.

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.

