

Project title: To Supply Leftover Food To Poor

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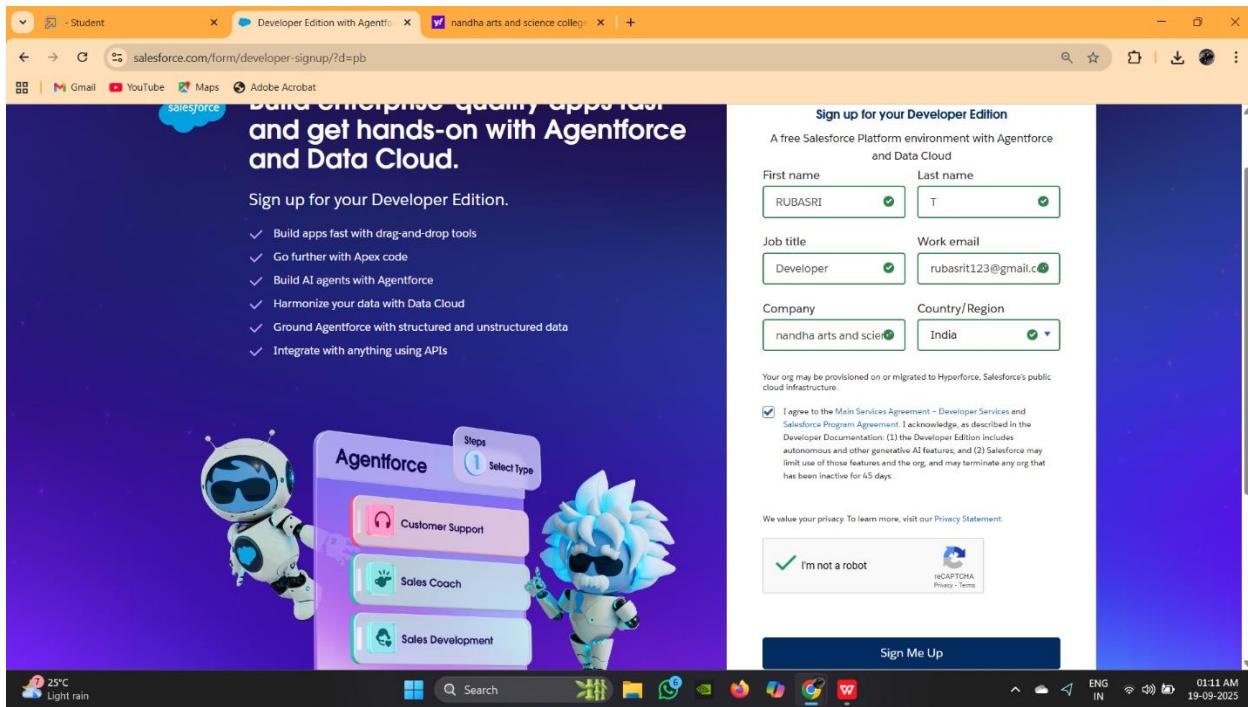
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Page 2

1. INTRODUCTION

1.1 Project Overview

The Lease Management System is a Salesforce-based application designed to streamline the processes associated with leasing real estate properties. It handles tenant management, lease contracts, payments, and communication with automation features such as flows, approval processes, and email alerts.



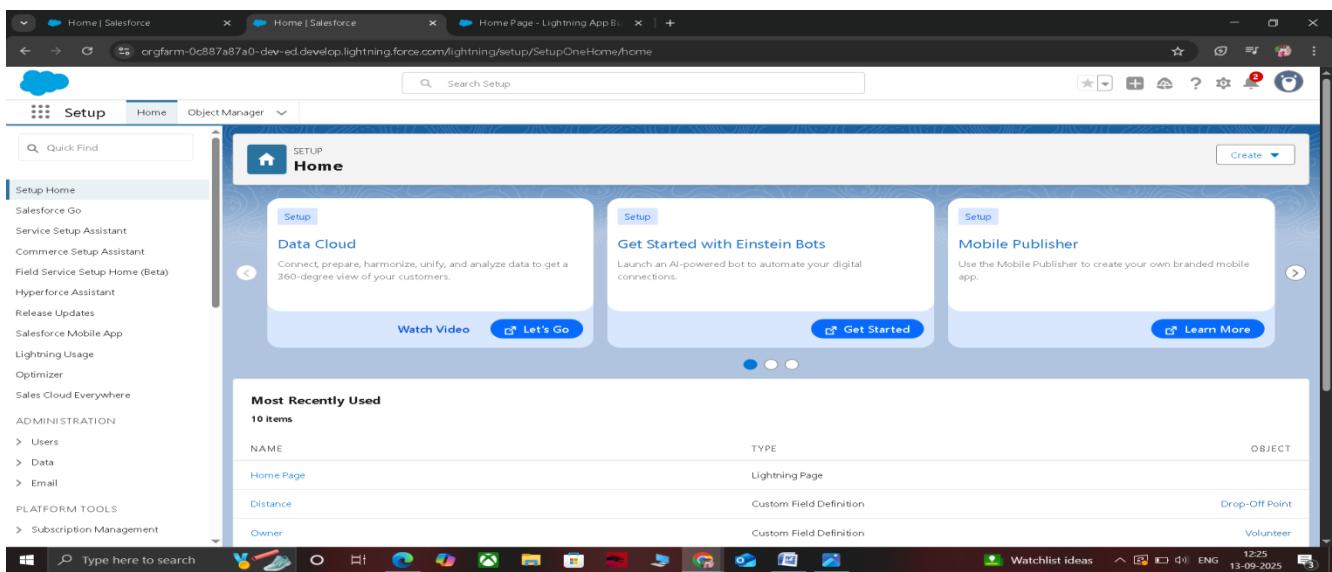
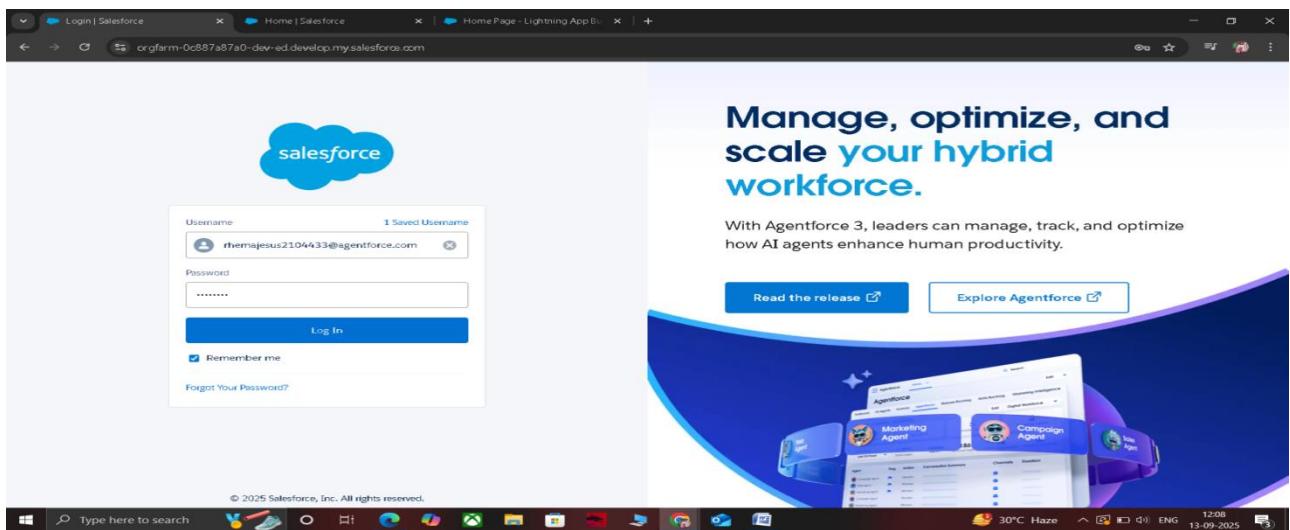
1.2 Purpose

Salesforce developer account creation

Creating Developer Account

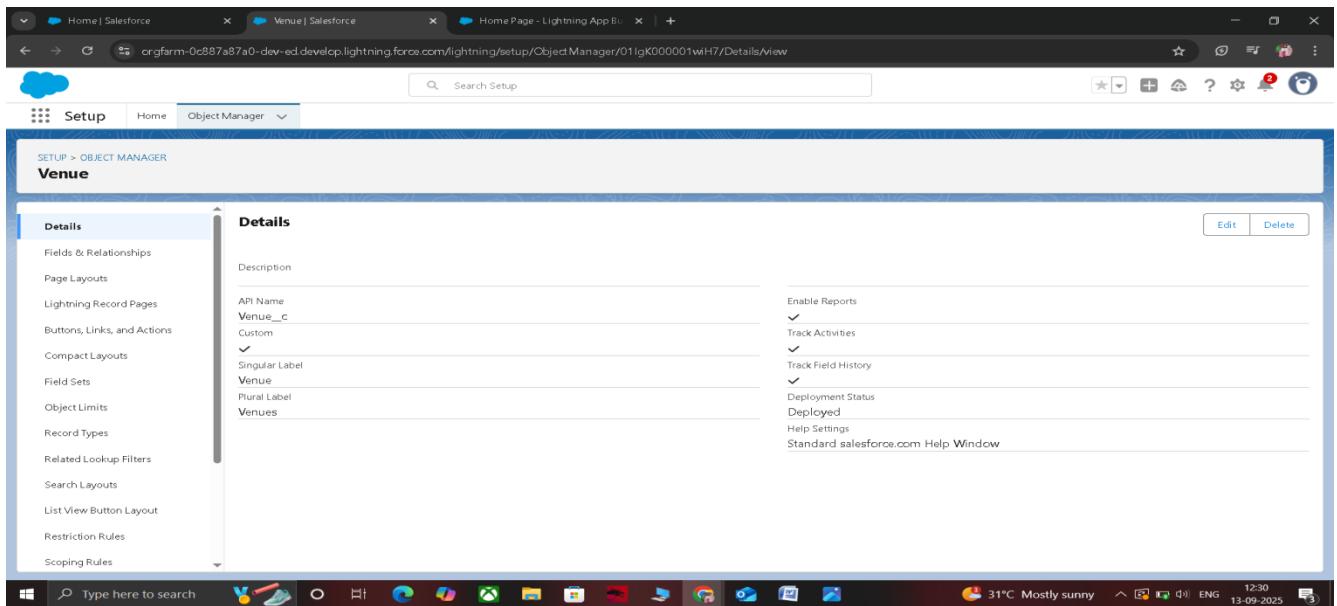
By using this URL - <https://developer.salesforce.com/signup>

Account Activation



Object

Create Venue Object



Create Drop-Off Point Object

The screenshot shows the Salesforce Setup interface with the following details:

Object Manager

Drop-Off Point

Details

Description

API Name: Drop_Off_Point_c

Custom: ✓

Singular Label: Drop-Off Point

Plural Label: Drop-Off Points

Enable Reports: ✓

Track Activities: ✓

Track Field History: ✓

Deployment Status: Deployed

Help Settings: Standard salesforce.com Help Window

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**, and **Scoping Rules** are listed in the sidebar.

Create Task Object

The screenshot shows the Salesforce Setup interface with the following details:

Object Manager

Task

Details

Description

API Name: Task_c

Custom: ✓

Singular Label: Task

Plural Label: Tasks

Enable Reports: ✓

Track Activities: ✓

Track Field History: ✓

Deployment Status: Deployed

Help Settings: Standard salesforce.com Help Window

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**, and **Scoping Rules** are listed in the sidebar.

Create Volunteer Object

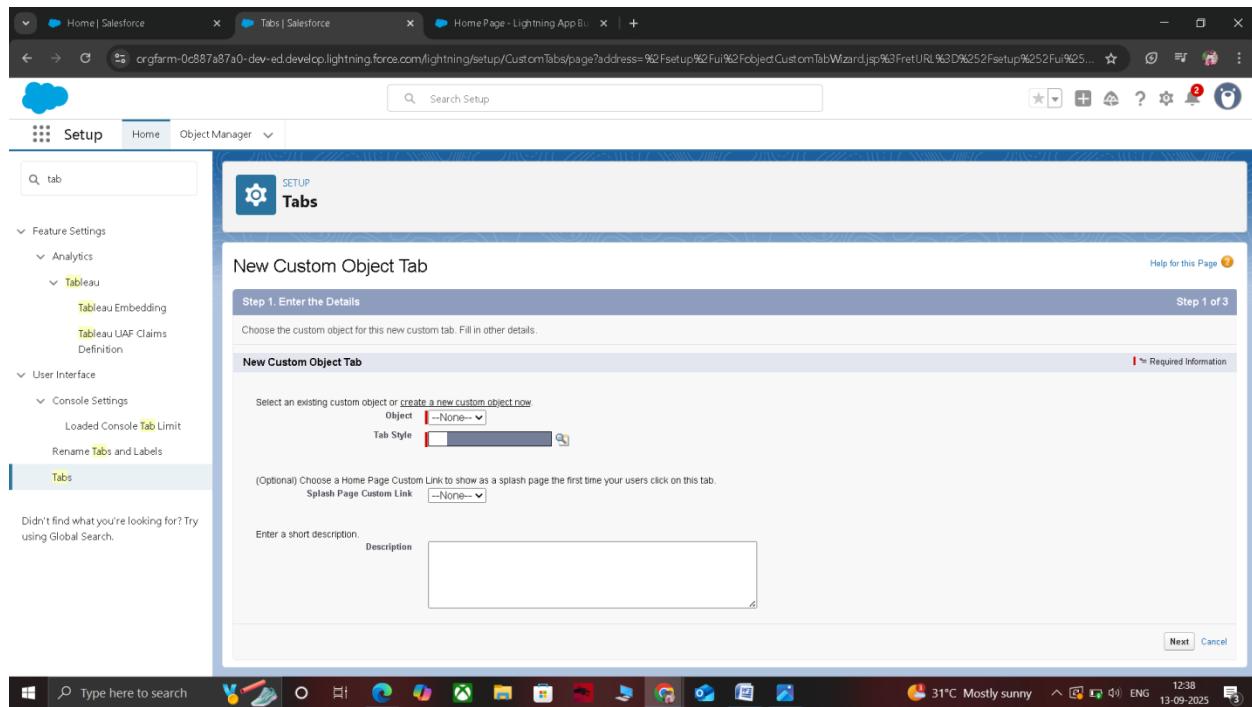
The screenshot shows the Salesforce Object Manager interface. The top navigation bar has tabs for 'Home | Salesforce', 'Volunteer | Salesforce', and 'Home Page - Lightning App Builder'. The main title is 'SETUP > OBJECT MANAGER' followed by 'Volunteer'. On the left, a sidebar lists various configuration options under 'Details'. The right panel displays the 'Details' section for the 'Volunteer' object, including fields like API Name (Volunteer__c), Singular Label (Volunteer), and Plural Label (Volunteers). It also shows deployment status as 'Deployed' and help settings pointing to the standard Salesforce help window.

Create Execution Details Object

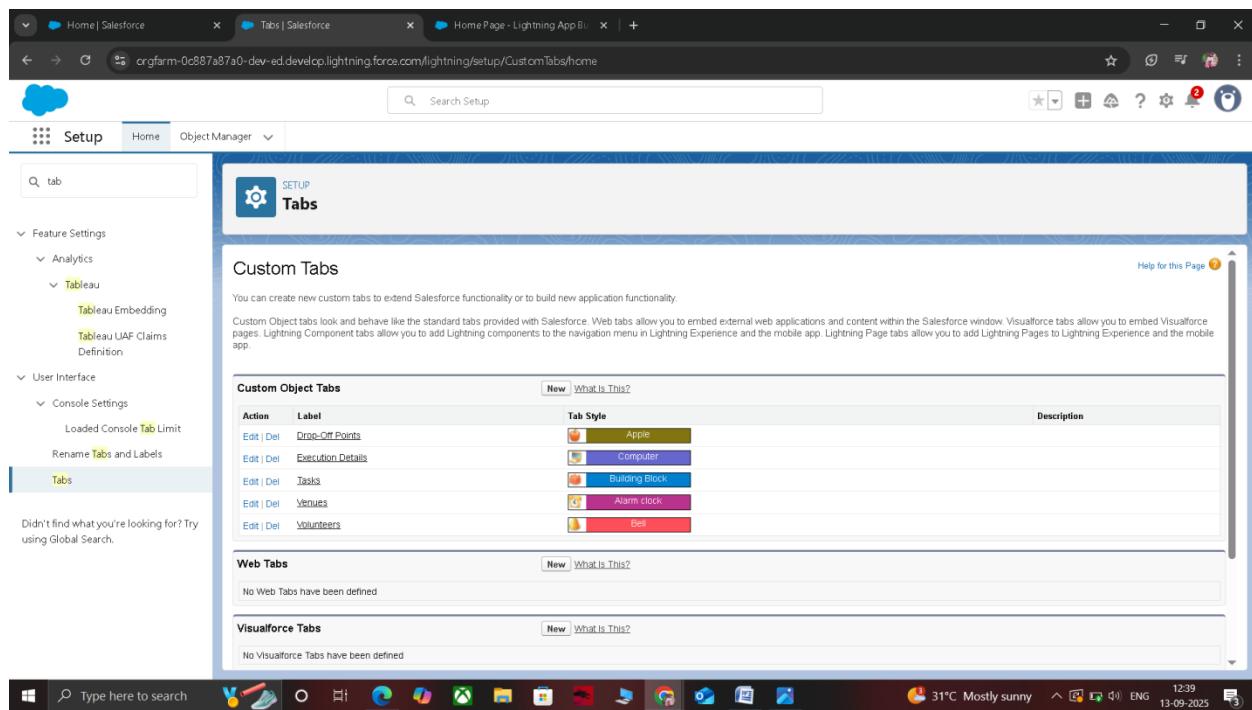
The screenshot shows the Salesforce Object Manager interface. The top navigation bar has tabs for 'Home | Salesforce', 'Execution Detail | Salesforce', and 'Home Page - Lightning App Builder'. The main title is 'SETUP > OBJECT MANAGER' followed by 'Execution Detail'. The left sidebar shows configuration options for the 'Execution Detail' object. The right panel displays its details, including API Name (Execution_Detail__c), Singular Label (Execution Detail), and Plural Label (Execution Details). Deployment status is set to 'Deployed'.

Tabs

Creating a Custom Tab

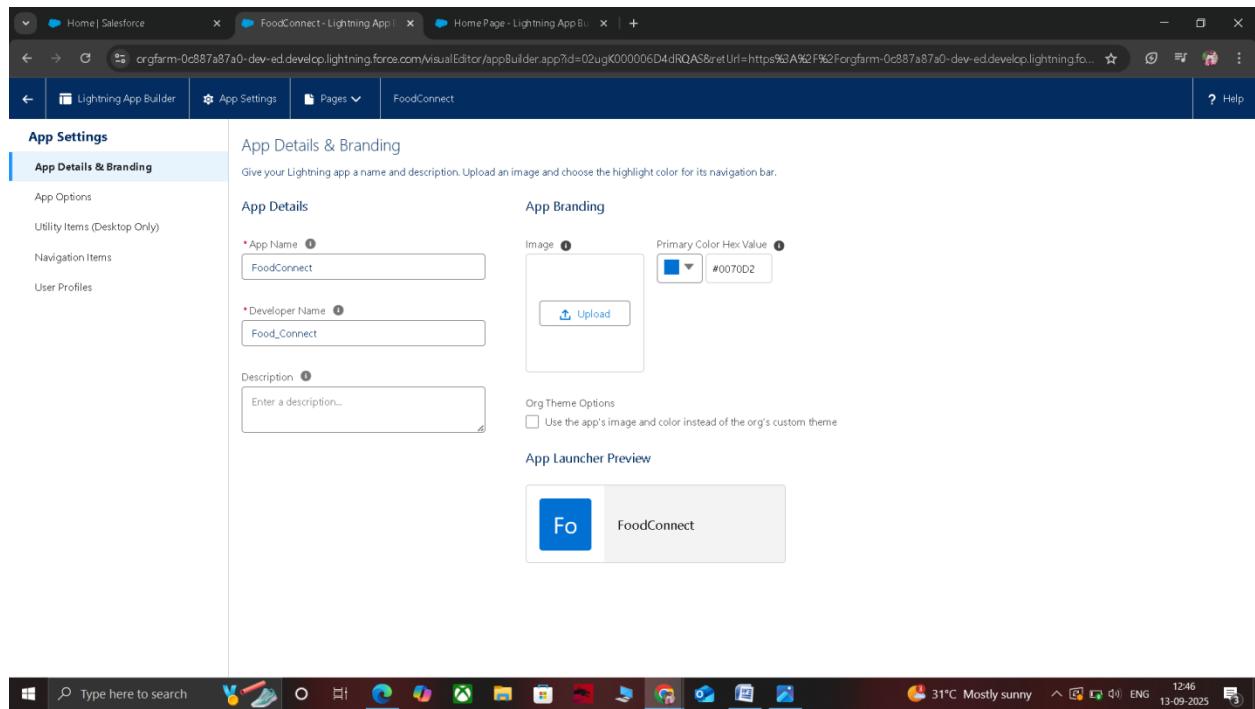


Creating Remaining Tabs

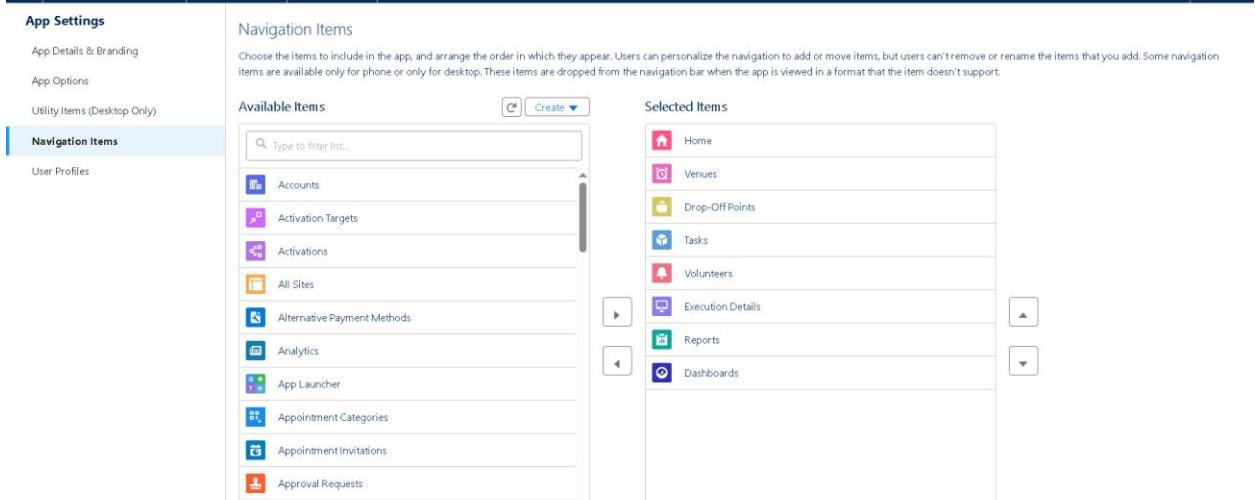
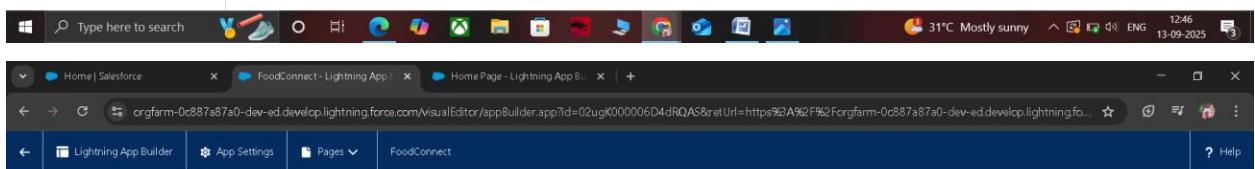


The Lightning App

Create a Lightning App



The screenshot shows the Salesforce Lightning App Builder interface. The left sidebar is titled "App Settings" and has a "App Details & Branding" tab selected. Under "App Details", the "App Name" is set to "FoodConnect" and the "Developer Name" is set to "Food_Connect". There is a text input field for "Description" with placeholder text "Enter a description...". On the right, there is a "App Details & Branding" section with fields for "Image" (a placeholder image), "Primary Color Hex Value" (#0070D2), and a checkbox for "Org Theme Options". Below this is an "App Launcher Preview" section showing a thumbnail with the letters "Fo" and the name "FoodConnect". The browser's address bar shows the URL for the Lightning App Builder.



User Profiles

Choose the user profiles that can access this app.

Available Profiles

- Analytics Cloud Integration User
- Analytics Cloud Security User
- Anypoint Integration
- Authenticated Website
- Authenticated Website
- B2B Reordering Portal Buyer Profile
- Contract Manager
- Custom: Marketing Profile
- Custom: Sales Profile
- Custom: Support Profile
- Customer Community Login User

Selected Profiles

- System Administrator

Fields

Creation of Relationship fields in objects

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
- Scoping Rules

New Custom Field

Step 1. Choose the field type

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

Data Type

- None Selected Select one of the data types below.
- Auto Number A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.
- Formula A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.
- Roll-Up Summary A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.
- Lookup Relationship Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a pop-up list. The other object is the source of the values in the list.
 - Creates a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:
 - The ownership and sharing of a detail record are determined by the master record.
 - When a user deletes the master record, all detail records are deleted.
 - You can create roll-up summary fields on the master record to summarize the detail records.
- Master-Detail Relationship

Creation of fields for the Venue object

Venue

Fields & Relationships
8 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Email	Contact_Email__c	Email		
Contact Phone	Contact_Phone__c	Phone		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Geolocation		
Owner	OwnerId	Lookup(User,Group)	✓	
Venue Location	Venue_Location__c	Long Text Area(32768)		
Venue Name	Name	Text(80)	✓	

Creation of fields for the Drop-Off point object

Drop-Off Point

Fields & Relationships
9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distance	Distance__c	Geolocation		
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__c	Venue__c	Lookup(Venue)	✓	

Creation of fields for the Task object

The screenshot shows the Salesforce Object Manager interface for the 'Task' object. The left sidebar lists various setup categories like Page Layouts, Lightning Record Pages, and Field Sets. The main area displays a table titled 'Fields & Relationships' with 15 items. The table includes columns for Name, Type, and Description. Key entries include:

Name	Type	Description
Created By	CreatedBy	Lookup(User)
Date	Date__c	Date
Distance	Distance__c	Number(14, 4)
Drop-Off Point	Drop_Off_Point__c	Lookup(Drop-Off Point)
Feedback	Feedback__c	Long Text Area(32768)
Food Category	Food_Category__c	Picklist(Multi-Select)
Last Modified By	LastModifiedBy	Lookup(User)
Name of the Person	Name_of_the_Person__c	Text(10)
Number of People Served	Number_of_People_Served__c	Number(18, 0)
Owner	OwnerId	Lookup(User,Group)

Creation of fields for the Volunteer object

The screenshot shows the Salesforce Object Manager interface for the 'Volunteer' object. The left sidebar lists various setup categories. The main area displays a table titled 'Fields & Relationships' with 14 items. The table includes columns for Name, Type, and Description. Key entries include:

Name	Type	Description
Address	Address__c	Long Text Area(32768)
Age	Age__c	Number(16, 2)
Available On	Available_On__c	Date
Contact Number	Contact_Number__c	Number(18, 0)
Created By	CreatedBy	Lookup(User)
Date of Birth	Date_of_Birth__c	Date
Drop-Off Point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)
Email	Email__c	Email
Execution ID	Execution_ID__c	Auto Number

Creation of fields for the Execution Details object

Execution Detail

Fields & Relationships

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		✓
Execution Detail Name	Name	Text(80)		✓
Last Modified By	LastModifiedBy	Lookup(User)		✓
Task	Task__c	Master-Detail(Task)		✓
Volunteer	Volunteer__c	Master-Detail(Volunteer)		✓

FLOW

Create Flow to create a record in Venue object

Create Records

Create Venue Record

Description

*How to set record field values

Manually

Create a Record of This Object

*Object

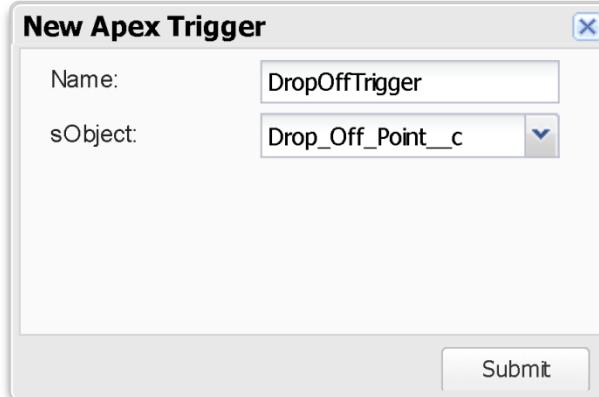
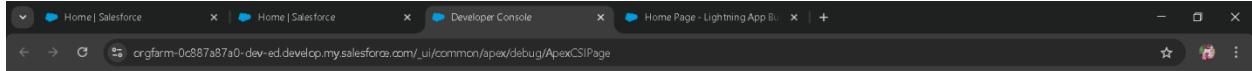
Venue

Set Field Values for the Venue

- Field: A_a Contact Email X Value: A_a Venue Details > Contact_Email > Value X
- Field: A_a Contact Phone X Value: A_a Venue Details > Contact_Phone > Value X
- Field: # Location (Latitude) X Value: # Venue Details > Latitude X

Trigger

Create a Trigger

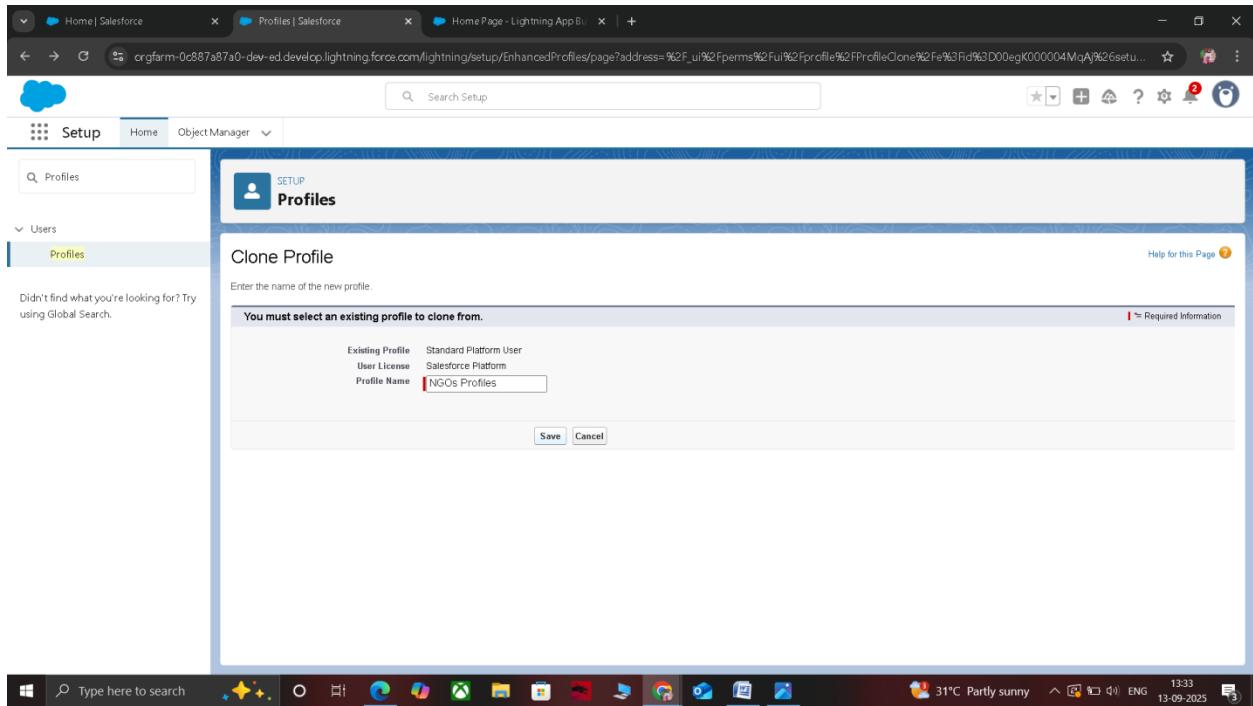


Trigger Code

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

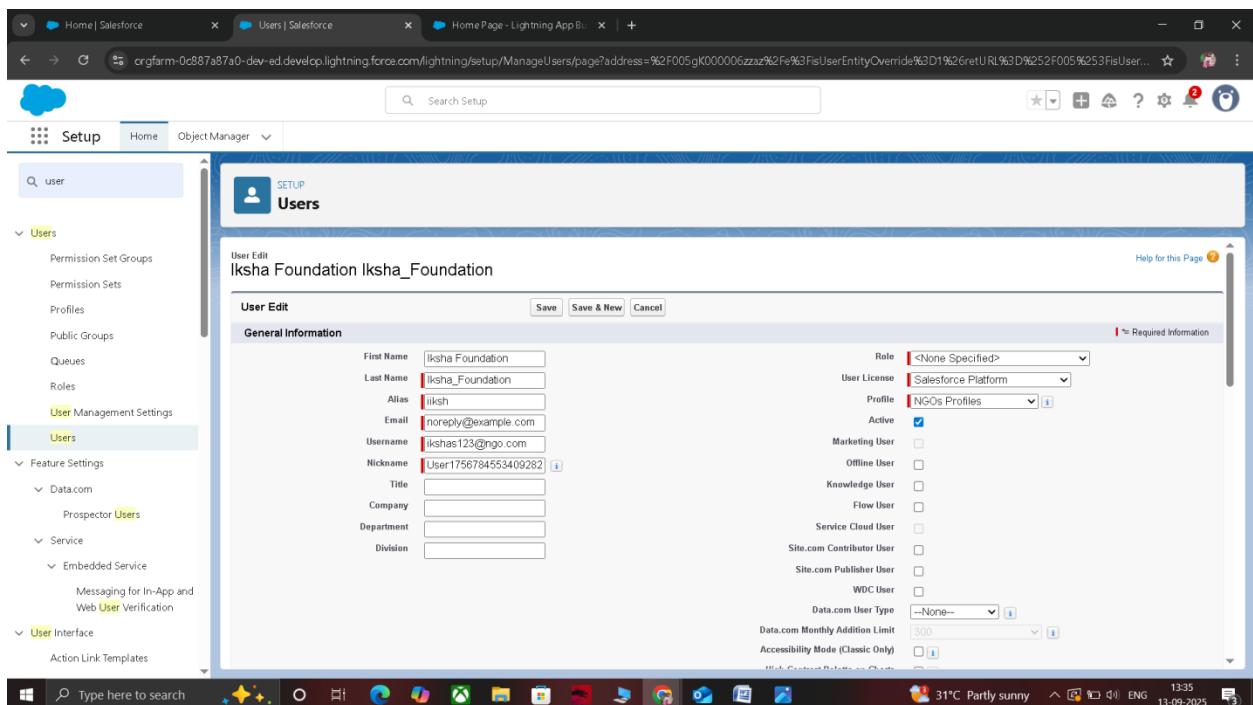
The screenshot shows the Salesforce Developer Console with the trigger code for 'DropOffTrigger.apxt'. The code defines a trigger on the 'Drop_Off_point__c' object that runs before insert. It loops through each record, setting the 'Distance__c' field to the 'distance_calculation__c' field.

Profiles



Creation of Users

Creation of User1



Creation of User2, User3

All Users

On this page you can create, view, and manage users.

To get more licenses, use the Your Account app. [Let's Go](#)

View: All Users | Edit | Create New View

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Chatter Expert	Chatter	chatty@00dg00000a69deuab.wabc3ad6aved@chatter.salesforce.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/>	EPIC_OrgFarm	QEPIC	epic.ca4c9b542750@orgfarm.salesforce.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	System Administrator
<input checked="" type="checkbox"/>	Iksha_Foundation_Iksha Foundation	iksh	ikshast123@ngp.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NGOs Profiles
<input type="checkbox"/>	Miracip G. Rehma	rhe	rhemajueas210443@agentforce.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	System Administrator
<input checked="" type="checkbox"/>	NSS NSS	nsss	nss12@ngp.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NGOs Profiles
<input checked="" type="checkbox"/>	Street_Cause_Street Cause	stre	street123@jh.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NGOs Profiles
<input type="checkbox"/>	User_Integration	integ	integration@00dg00000a69deuab.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	User_Security	sec	insightssecurity@00dg00000a69deuab.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Analytics Cloud Security User

Public Groups

Creation of Public Group 1

Group Membership

New Group

Group Information

New Public Group

Label:

Group Name:

Grant Access Using Hierarchies:

Description:

Search: Public Groups for: Find:

Available Members	Selected Members
Group: NSS Group: Street Cause	Group: Iksha
Add <input type="button"/>	Remove <input type="button"/>

Creation of Public Group 2

The screenshot shows the Salesforce Setup interface under the 'Public Groups' section. The page title is 'Public Groups'. It displays a table of existing public groups:

Action	Label	Group Name	Created By	Created Date
Edit Del	Isha	Isha	Miracle G. Rehma	9/1/2025, 9:58 PM
Edit Del	NSS	NSS	Miracle G. Rehma	9/1/2025, 10:00 PM
Edit Del	Street_Cause	Street_Cause	Miracle G. Rehma	9/1/2025, 10:03 PM

Below the table, there is a note: "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." There is also a 'Help for this Page' link.

Report Types

Creation of Report Types

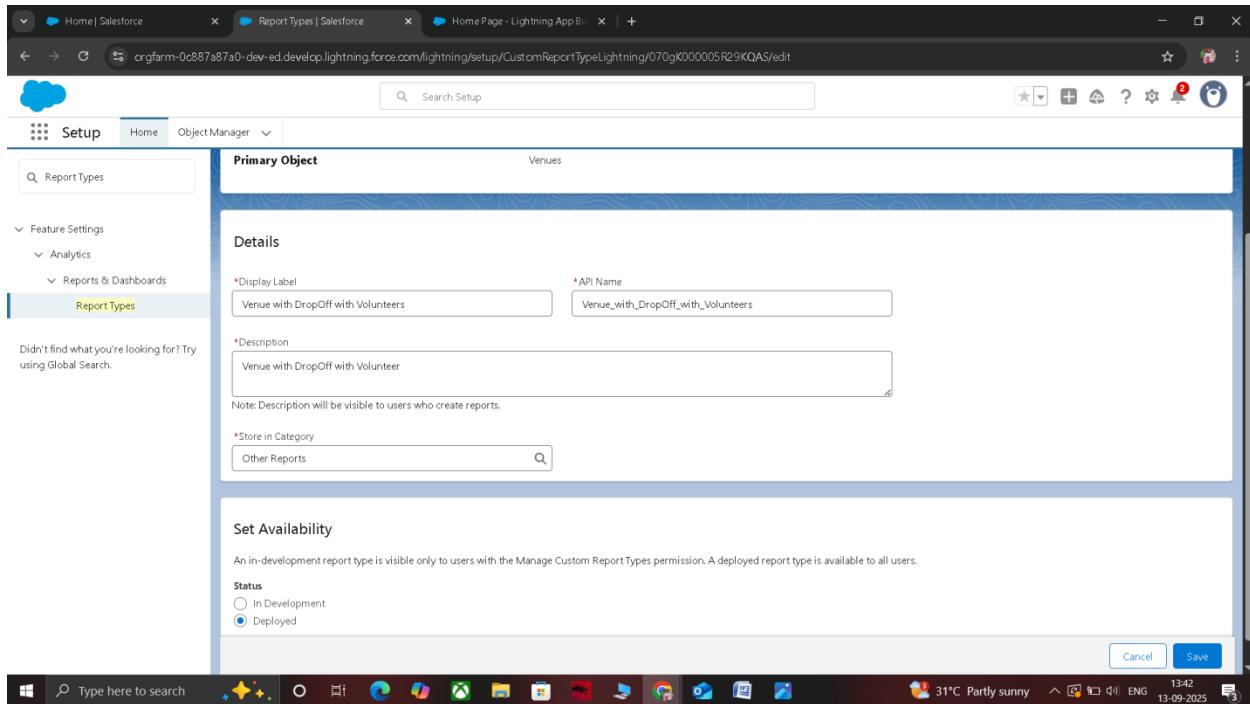
The screenshot shows the Salesforce Setup interface under the 'Report Types' section. The page title is 'Custom Report Types'. It displays a 'Build Custom Report Types' guide:

Help users create the reports they want with the new custom report type editor. Build report types that go beyond standard report types by defining the relationships between objects and adding fields via lookups.

The interface includes two main sections:

- Select Objects:** A diagram showing three overlapping circles labeled A, B, and C. Below it is the text: "Select Objects Select which objects users can include in the report."
- Define Relationships:** A diagram showing three overlapping circles labeled A, B, and C. Below it is the text: "Define Relationships Define relationships between the objects available to users in the report."

At the bottom left, there is a checkbox: "Don't show me this page again". At the bottom right, there is a blue 'Continue' button. The status bar at the bottom shows system information: 31°C Partly sunny, 13:39, ENG, 13-09-2025.



Reports

Creation of Report on Venue with DropOff with Volunteer

Creation of Report on Volunteers with Execution Details and Tasks1

REPORT Tasks with Execution Details and Volunteers

Fields > Groups > Columns

Volunteer: Volunteer ID, Volunteer: Volunteer Name, Task: Task Name, Execution Detail: Execution Detail Name, Volunteer: Owner, Task: Created Date, Rating

No records returned in preview. Try running the report or editing report filters.

- Show All tasks.
- Edit other filters in the filter panel.

Update Preview Automatically

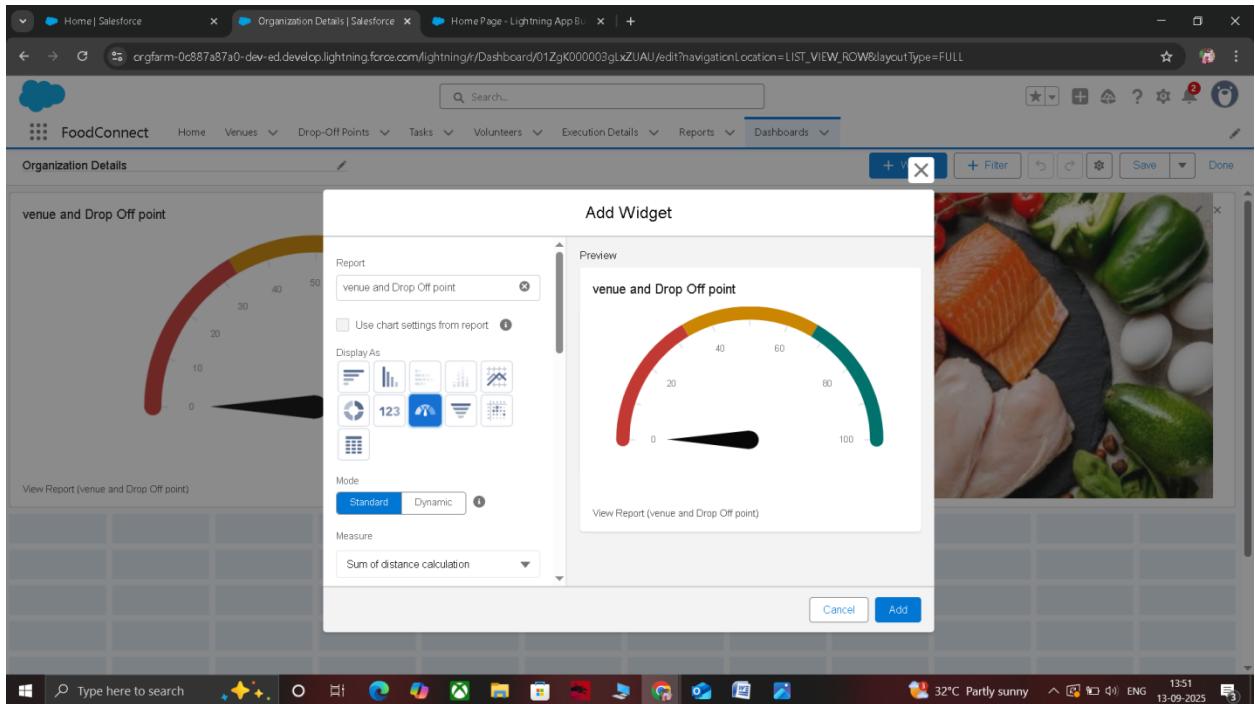
Row Counts, Detail Rows, Subtotals, Grand Total

Creation of Report on Volunteers with Execution Details and Tasks2

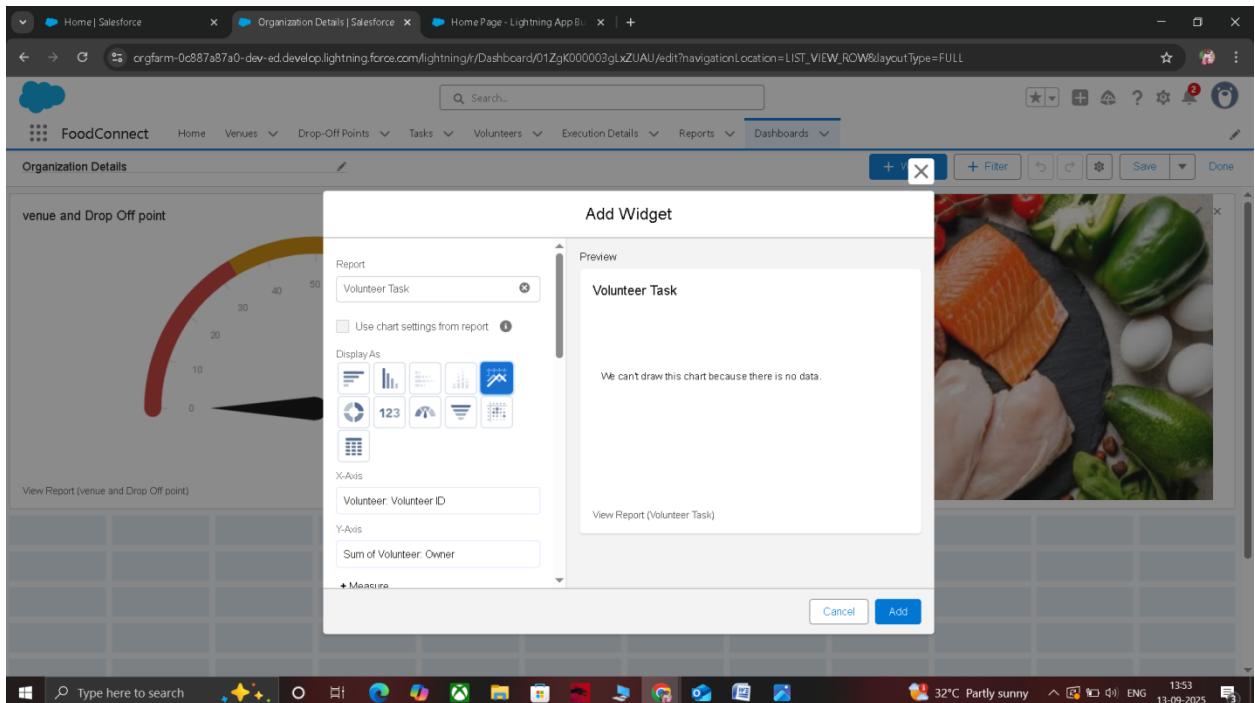
Report Name	Description	Folder	Created By	Created On	Subscribed
venue and Drop Off point	Private Reports	Rehma Miradin G	9/6/2025, 10:57 AM		
Sample Flow Report: Screen Flows	Public Reports	Automated Process	8/27/2025, 3:45 AM		
Volunteer Task	Custom Reports	Rehma Miradin G	9/11/2025, 2:57 AM		

Dashboards

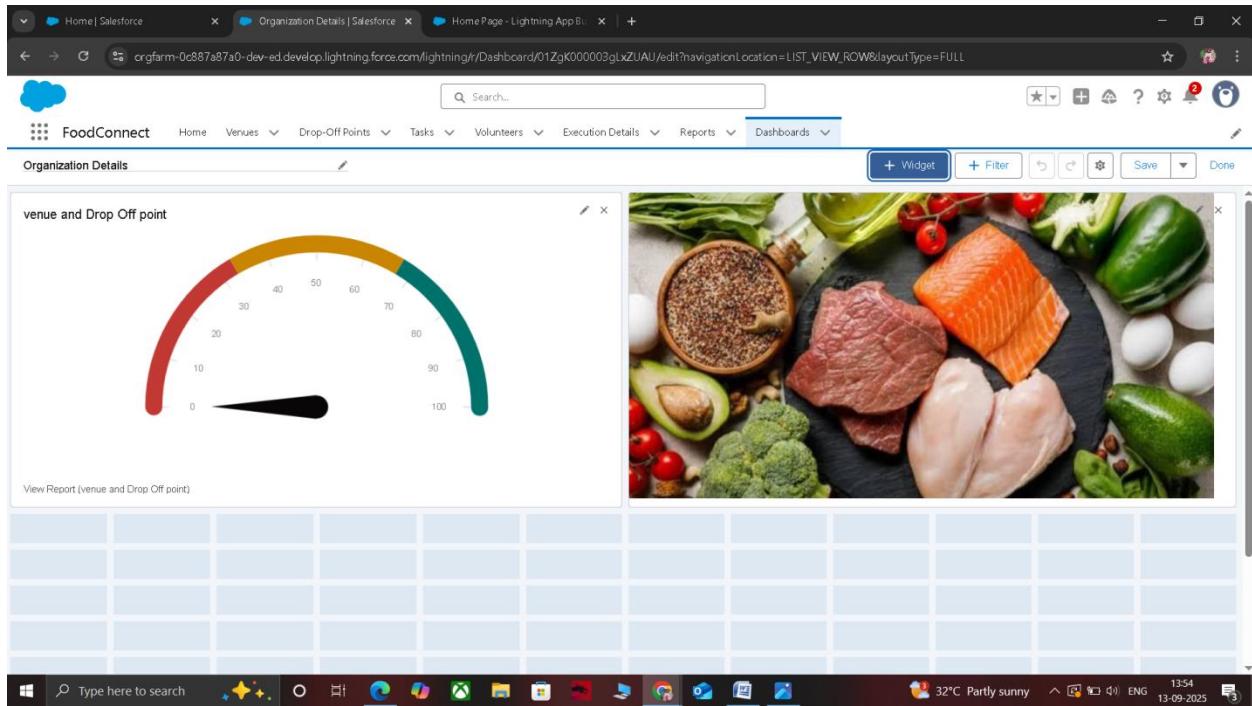
Adding venue and Drop Off point Report to the Dashboard



Adding Volunteer Task Report to the Dashboard



Adding a Picture to the Dashboard (Optional)



Sharing Rules

Creation of sharing rules

The screenshot shows the "Sharing Settings" page in Salesforce. It includes sections for "Work Step Template Sharing Rules", "Work Type Sharing Rules", "Work Type Group Sharing Rules", "Drop-Off Point Sharing Rules", "Task Sharing Rules", and "Venue Sharing Rules". The "Drop-Off Point Sharing Rules" section contains a table:

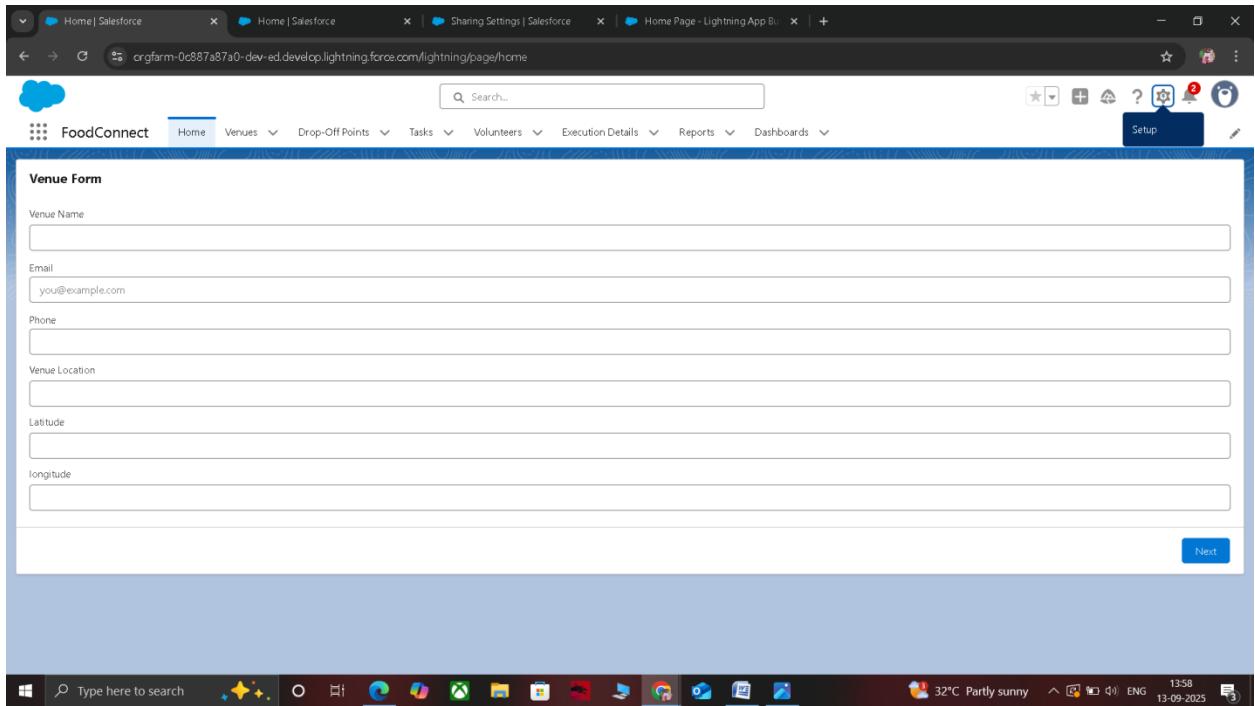
Action	Criteria	Shared With	Access Level
Edit Del	Drop-Off Point: Distance (Latitude) LESS THAN 15	Group_Isha	Read Only
Edit Del	(Drop-Off Point: Distance (Latitude) LESS THAN 15) AND (Drop-Off Point: Distance (Latitude) LESS OR EQUAL 30)	Group_NSS	Read Only
Edit Del	(Drop-Off Point: Distance (Latitude) GREATER THAN 30) AND (Drop-Off Point: Distance (Latitude) LESS OR EQUAL 50)	Group_Street_Cause	Read Only

Home Page

Creation of Home Page

This screenshot shows a custom home page created in the Lightning App Builder. The page features a header with the 'FoodConnect' logo and navigation links for Home, Venues, Drop-Off Points, Tasks, Volunteers, Execution Details, Reports, and Dashboards. A search bar is also present. Below the header, there's a section titled 'Task Execution Details' showing a gauge chart with a value of 60. To the right of the chart is a photograph of various healthy food items like salmon, beef, chicken, and vegetables. A blue banner at the bottom of the page contains placeholder text: 'View Report (venue and Drop Off point)' and 'As of Sep 12, 2025, 9:32 AM'.

This screenshot shows the page editor interface for creating a new home page. On the left, a sidebar lists various components under the 'Standard (43)' category, including Accordion, App Launcher, Assistant, Cdp Metrics Overview, Chatter Feed, Chatter Publisher, CRM Analytics Collection, CRM Analytics Dashboard, Dashboard, Data Mask Console Home Component, Einstein Next Best Action, Flow, Flow App Home cards, Generate Batch Documents, and Inventory Lookup Component. The main workspace displays a component titled 'Flow Component: Venue Form'. To the right, a configuration panel is open with fields for 'Label' (set to 'Home Page'), 'API Name' (set to 'Home_Page'), and 'Page Type' (set to 'Home Page'). Other settings include 'Template' (set to 'Home Template One Region') and a 'Description' field. The status bar at the bottom indicates the page is 13-09-2025, 14:02, 32°C, and Partly sunny.



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.