

FOOD CONNECT
WE DELIVER HAPPINESS

Project Title: To Supply Leftover Food to Poor

Category: Salesforce

Skills Required: Salesforce Developer

1. Project Overview

1.1 Project Objectives and Goals

Objective: This project aims to develop a Salesforce-based application designed to manage and streamline the distribution of leftover food to underserved communities. The primary goal is to enhance the efficiency of food drop-offs, coordinate tasks, manage volunteers, and generate insightful reports.

2. Detailed Description of Implemented Features

2.1 Custom Objects

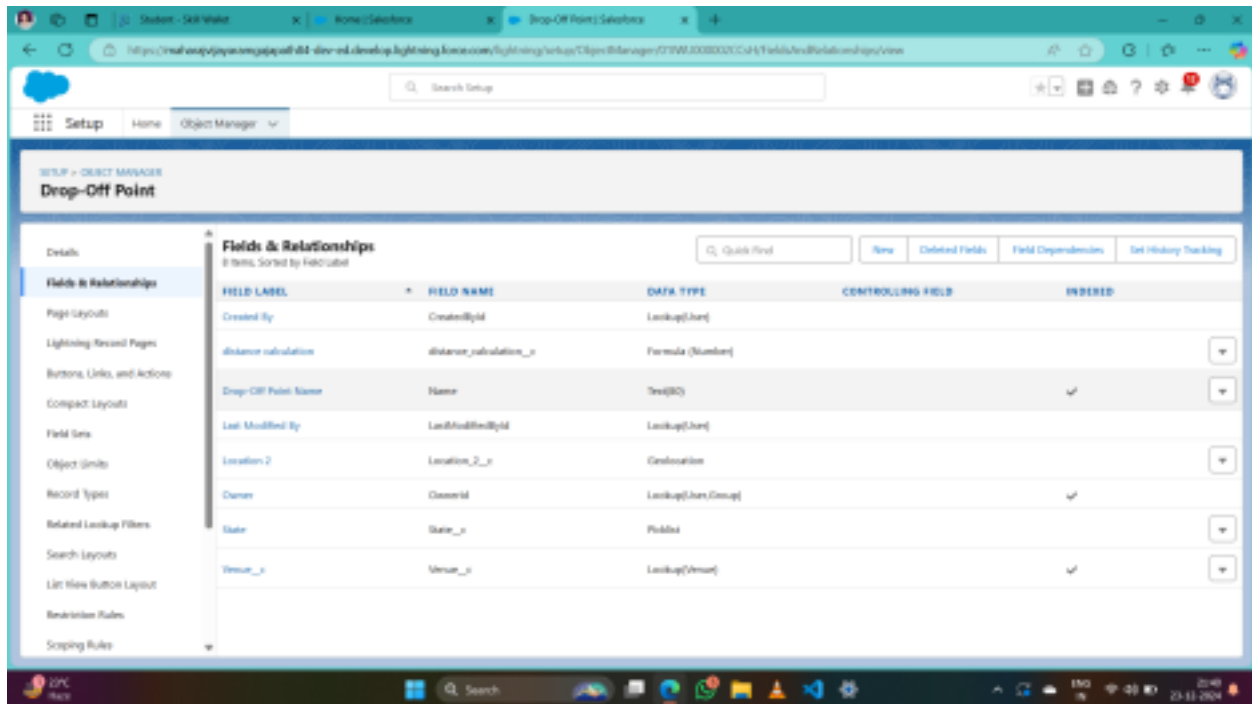
1. Drop-Off Point:

Purpose: The Drop-Off Point object captures essential details about locations where food is dropped off. This helps in tracking and managing food distribution points effectively.

Fields:

- Drop-Off Point Name: A text field representing the name of the drop-off point.
- Location Details: A text field for additional details about the drop-off point location.
- Distance: A number field that records the distance from the drop-off point to the delivery area.
- Venue: A lookup relationship field linking to the Venue object to provide a connection between drop-off points and venues.

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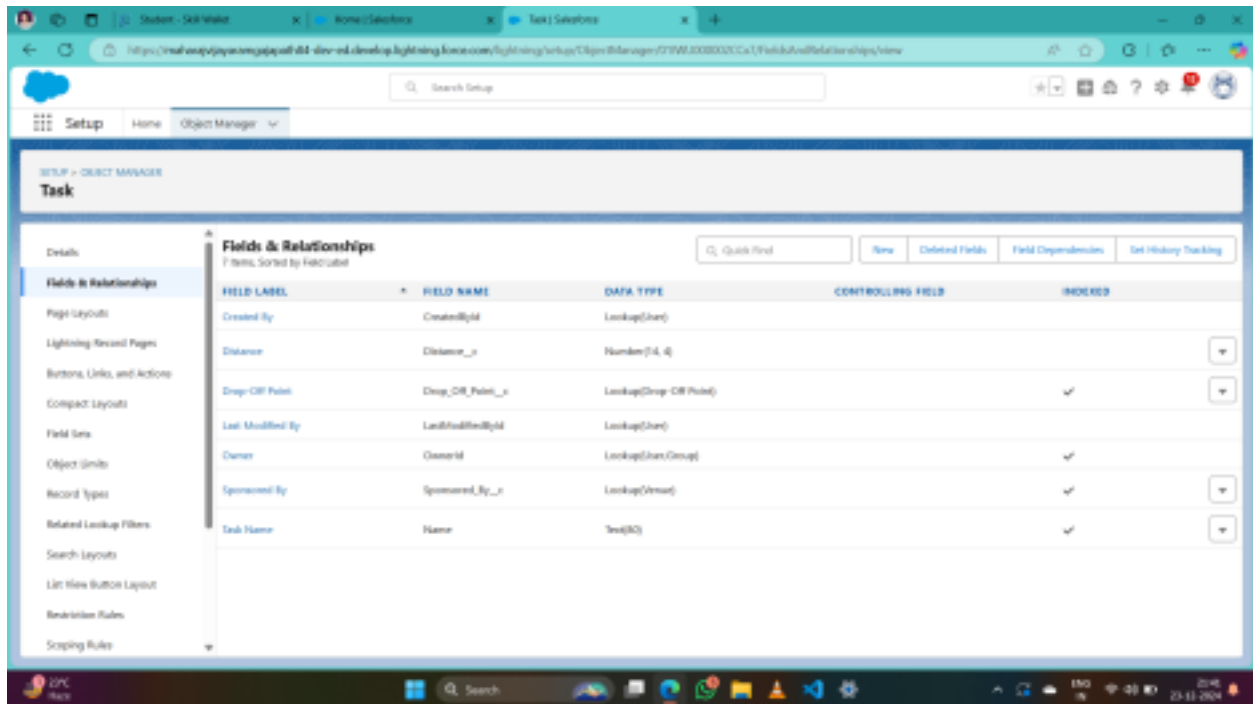


2. Task:

■ Purpose: The Task object is used to manage and track various tasks related to food distribution, including assigning tasks to volunteers and recording task details. ■ Fields:

- Task Name: A text field representing the name of the task.
- Date: A date field indicating when the task is scheduled or completed.
- Rating: A numeric field used to rate the task performance.
- Drop-Off Point: A lookup relationship field linking to the Drop-Off Point object to associate tasks with specific drop-off points.
- Sponsored By: A lookup relationship field linking to the Drop-Off Point object to indicate the sponsor of the task.

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3)VOLUNTEER

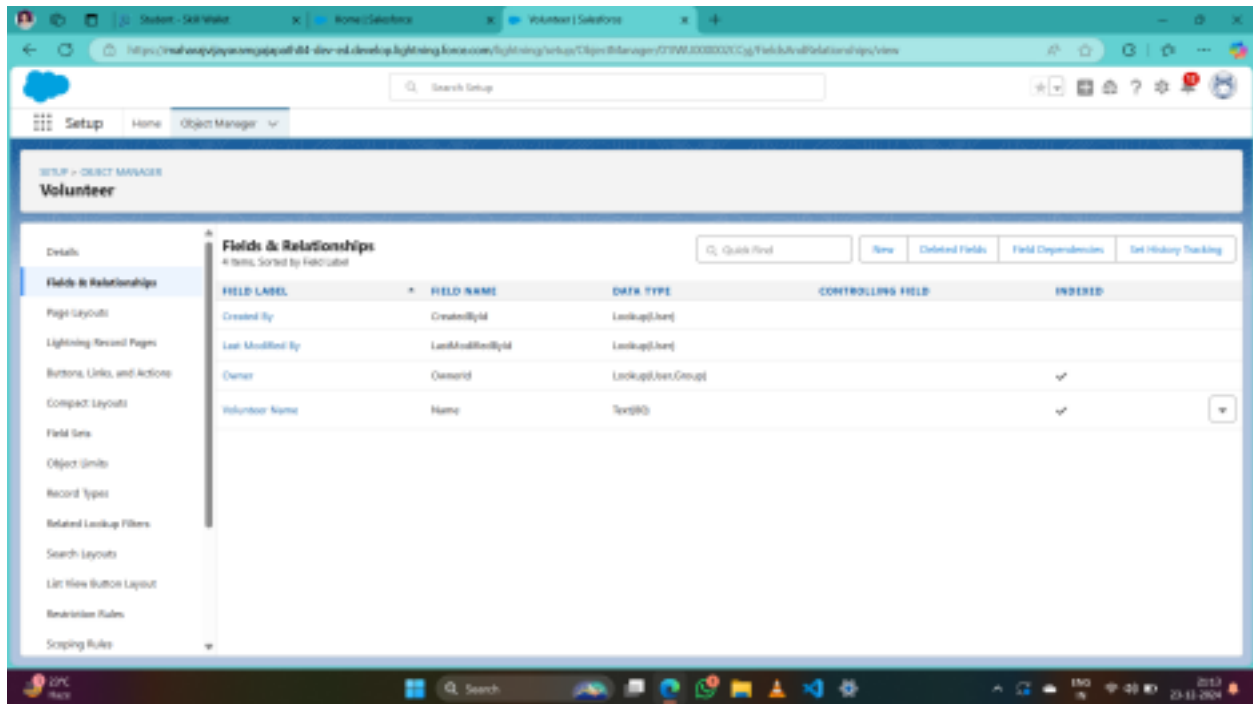
■ Purpose: The Volunteer object keeps track of individuals who are involved in the food distribution process, including their contact information and assigned tasks. ■ Fields:

- Volunteer Name: A text field for the name of the volunteer.
- Contact Email: An email field for the volunteer's contact email.
- Contact Phone: A phone field for the volunteer's contact number.

Assigned Tasks: A related list showing tasks assigned to the volunteer.

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4. Execution Detail:

■ Purpose: The Execution Detail object captures detailed information about food distribution activities, including which volunteers and task are associated with each distribution. ■

Fields:

- Execution Detail Name: A text field for naming the execution detail record.
- Volunteer: A master-detail relationship field linking to the Volunteer object to associate execution details with a specific volunteer.

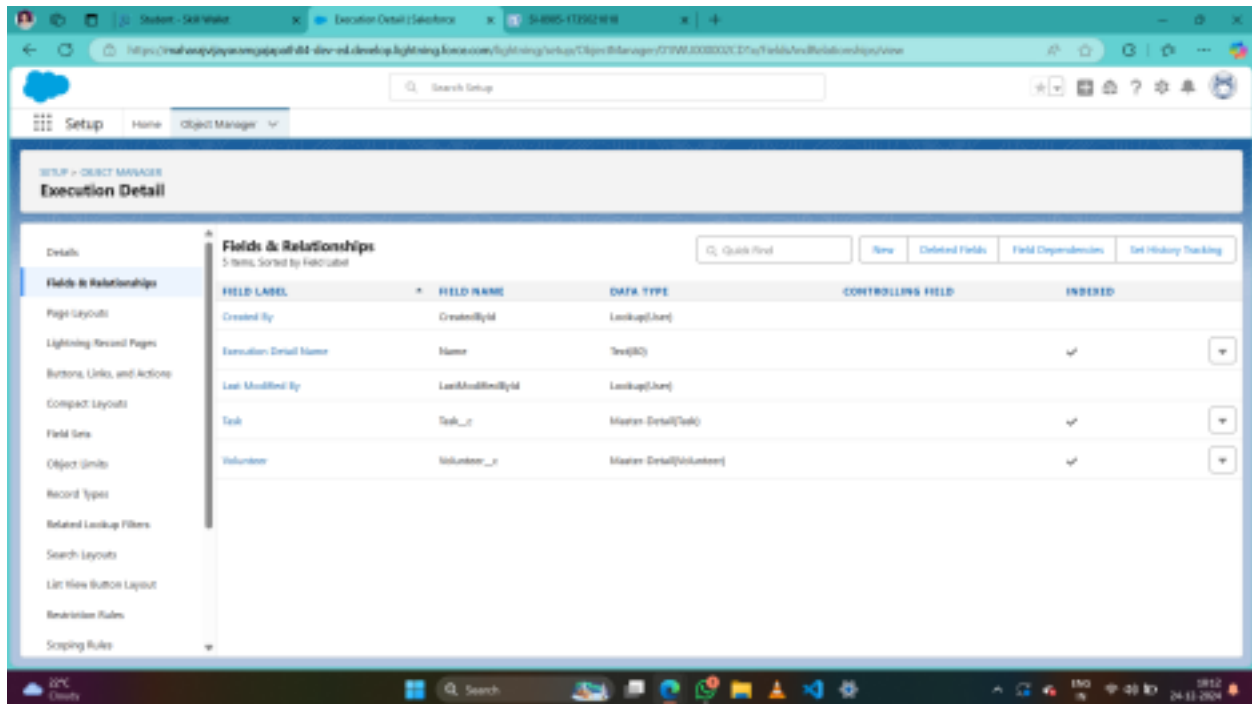
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- Task: A master-detail relationship field linking to the Task object to associate execution details with a specific task.

- Details: A text field for additional information about the execution.

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2.2 Object Relationships

- Master-Detail Relationships:

- Execution Detail to Volunteer: Ensures that each execution detail record is linked to a volunteer, making volunteer information essential for each distribution record.
- Execution Detail to Task: Ensures that each execution detail record is linked to a task, making task information essential for each distribution record.

- Lookup Relationships:

- Task to Drop-Off Point: Connects tasks to drop-off points, providing context on where each task is executed.
- Task to Volunteer: Connects tasks to volunteers, enabling tracking of which volunteer is responsible for each task.

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- Drop-Off Point to Venue: Links drop-off points to venues, facilitating a detailed understanding of where food is being dropped off.

2.3 Sharing Rules

To ensure that records are shared appropriately based on distance criteria, the following

sharing

rules were set up:

- Rule 1:

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- Label: Rule 1

- Criteria: Records where the distance is less than 15 km

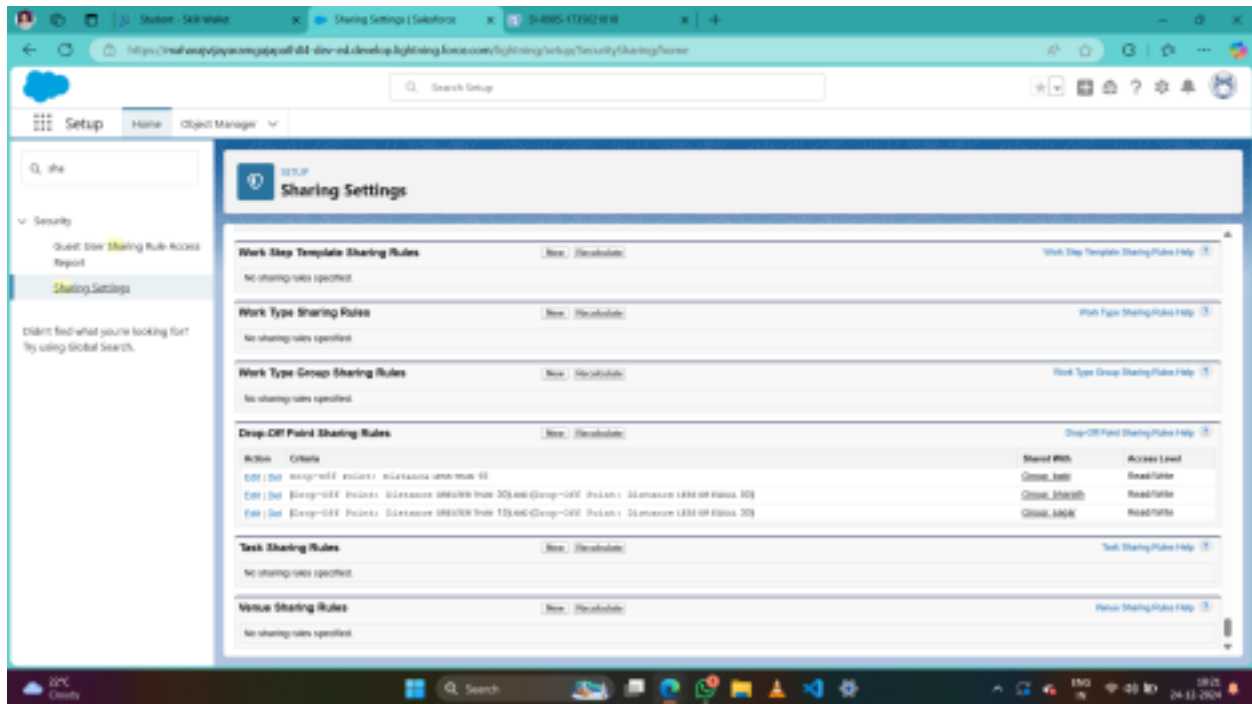
- Access: Shared with Public Group - babi

- Rule 2:

- Label: Rule 2

- Criteria: Records where the distance is between 15 km and 30 km

- Access: Shared with Public Group - sagar



2.4 Flow and Dashboard

- Flow: Venue Flow

- Purpose: To manage and capture detailed information related to food drop-off points.

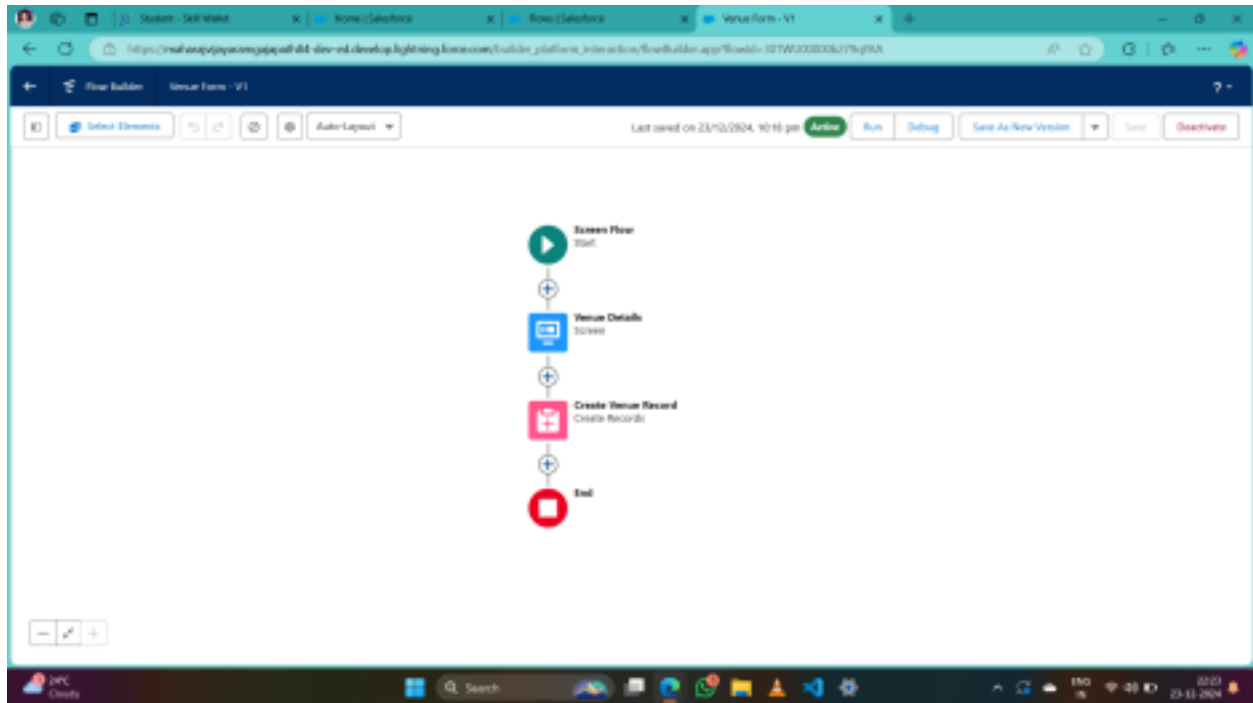
- Components:

- Text Component: For entering the venue name.
- Email Component: For entering the contact email of the venue.
- Phone Component: For entering the contact phone number of the venue.

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- Text Component: For entering the venue location.
- Number Components: For entering latitude and longitude values of the venue.



- Dashboard:

- Name: Organization Details

- Components:

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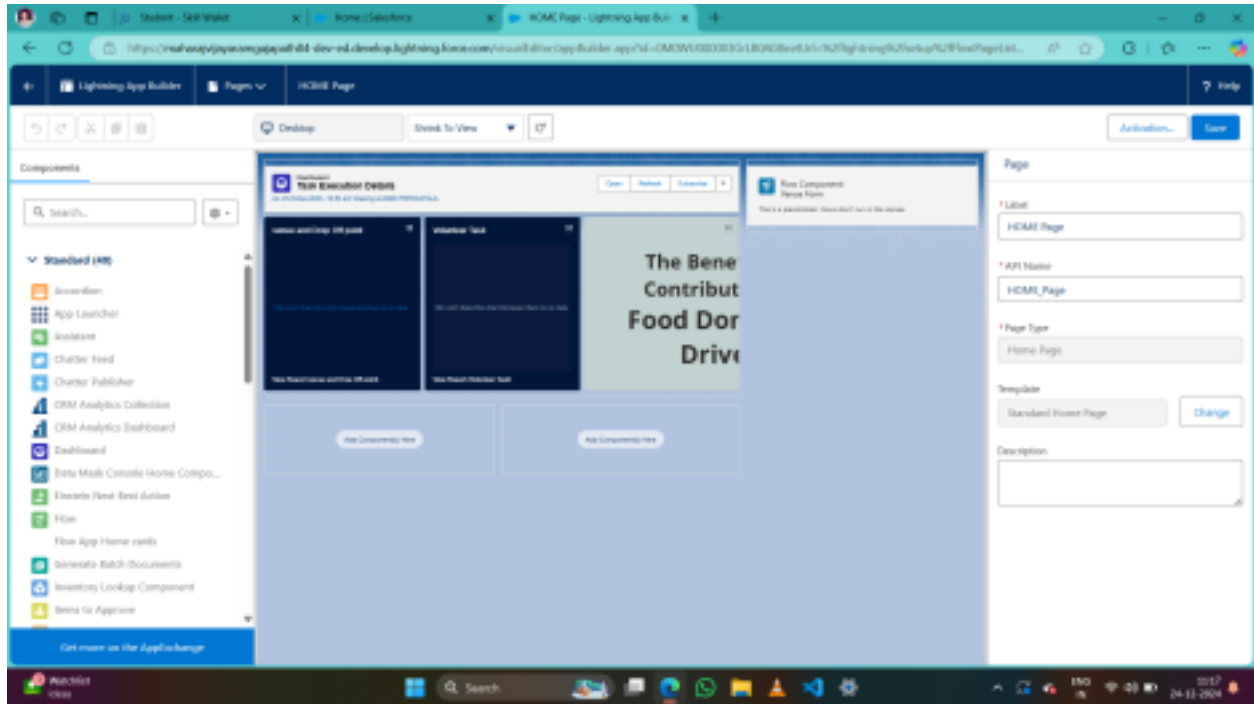
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- Lightning Table: Displays detailed information about venues and drop-off points, facilitating

a comprehensive view of the data.

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3. Configuration and Setup Instructions

3.1 Creating Custom Objects

1. Drop-Off Point:

- Navigate to Object Manager > Create > Custom Object.
- Enter details such as the label name, record name, and other settings for Drop Off Point.

2. Task:

- Navigate to Object Manager > Create > Custom Object.
- Enter details such as the label name, record name, and other settings for Task.

Volunteer:

- Navigate to Object Manager > Create > Custom Object.

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- Enter details such as the label name, record name, and other settings for Volunteer.

Execution Detail:

- Navigate to Object Manager > Create > Custom Object.
- Enter details such as the label name, record name, and other settings for Execution Detail.

3.2 Sharing Rules Setup

- Go to Sharing Settings.
- Define new sharing rules for Drop-Off Point based on distance criteria, ensuring

appropriate

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access for different public groups.

3.3 Lightning App Builder

1. Create Home Page:

- Go to Lightning App Builder > New.
- Select Home Page and name it "HOME Page".
- Add Flow and Dashboard components to the page.

2. Save and Activate:

- Click on Save and Activation.
- Set the page as the default for the FoodConnect app.

