

**BHARATHIYAR UNIVERSITY, COIMBATORE**  
**GOVERNMENT ARTS COLLEGE, UDUMALPET**  
**BSC COMPUTER SCIENCE**

**Project Title:** To Supply LeftOver Food To Poor

**Role:** Developer

**Team Members:**

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**Academic Year : 2025-2026**

**Mentor :** Suguna Mam

**ABSTACT**

The Supply Leftover Food To Poor Application is a mobile and web-based solution designed to reduce food wastage and provide meals to underprivileged people. The system allows food donors such as restaurants, hotels, and households to easily register and update the availability of left over food through the app. Volunteers and NGOs can then view the available food, collect it, and distributes it to the needy. This project was developed as part of the **B.Sc.Computer science** curriculum to gains hands-on experience in CRM application development and teamwork.

### **As a team We've learned,**

- Real Time Salesforce Project
- Create Volunteer Object
- Create A Lightning App
- Creation Of Fields For The Volunteer Object
- Flows
- Trigger
- Creation Of Users
- Public Groups
- Report Types& Dashboards
- Sharing Rules

### **INTRODUCTION**

To Supply Leftover Food To Poor Application is developed to bridge this gap by connecting food donors with volunteers and a simple and effective platform. The app enables donors to register and share details about leftover food , while volunteers can quickly view available donations, schedule pickups, and distribute the food to poor peoples.

### **Why supply food to poor?**

Food is a fundamental human right, yet many people in society struggle to meet even their basic nutritional needs. At the same time, a significant amount of food is wasted every day in restaurants, hotels, and households. This contrast between excess food and hunger creates a social and moral responsibility to act.

### **OBJECTIVES**

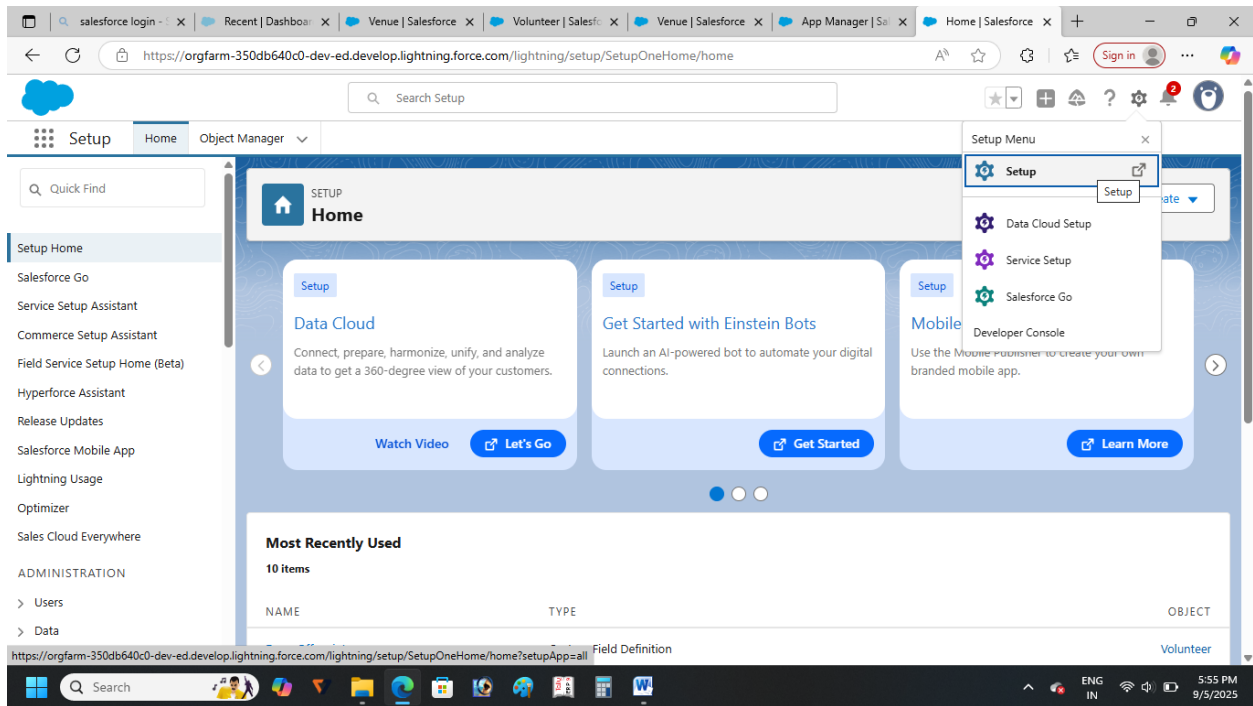
- To reduce food wastage by collecting and redistributing leftover edible food from restaurants, hotels, hostels, and households.
- To supply meals to poor and needy people in a structured and timely manner.
- To maintain proper records of donors, food donations, pickups, and deliveries for transparency.
- To promote social responsibility and awareness among individual and organizations regarding food wastage and hunger.

- To ensure secure and efficient coordination between donors, volunteers, and recipients through technology.

## SYSTEM REQUIREMENTS

### Software Used

- Browser(Chrome/Edge)
- Internet Connection
- Salesforce Developer Org



### Hardware Used

- Laptop with 4GB+ RAM
- Windows 10/11

## MODULES IMPLEMENTATION

## 1.OBJECT CREATION

The screenshot shows the Salesforce Setup interface for the 'Venue' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Details' and includes a description field, API Name (Venue\_c), Custom checkbox, Singular Label (Venue), Plural Label (Venues), and a list of settings: Enable Reports (checked), Track Activities (checked), Track Field History (checked), Deployment Status (Deployed), Help Settings (Standard salesforce.com Help Window), and Edit/Delete buttons.

SETUP > OBJECT MANAGER  
**Venue**

**Details** [Edit] [Delete]

Description

API Name  
Venue\_c

Custom  
✓

Singular Label  
Venue

Plural Label  
Venues

Enable Reports  
✓

Track Activities  
✓

Track Field History  
✓

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

## 2.TABS

The screenshot shows the Salesforce Setup interface for 'Custom Tabs'. The left sidebar has a search bar with 'tabs' and a navigation menu with 'User Interface', 'Rename Tabs and Labels', and 'Tabs'. The main content area is titled 'Custom Tabs' and includes a description: '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 window. Visualforce tabs allow you to embed 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 allow you to add Lightning Pages to Lightning Experience and the mobile app.' Below this is a table of 'Custom Object Tabs' with columns: Action, Label, Tab Style, and Description. The table lists five tabs: Drop-Off Points (Airplane icon), Execution Details (Briefcase icon), Tasks (Calendar icon), Venues (Location pin icon), and Volunteers (Group of people icon). Below the table is a section for 'Web Tabs' with a message: 'No Web Tabs have been defined'.

SETUP  
**Tabs**

**Custom Tabs** [Help for this Page]

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 window. Visualforce tabs allow you to embed 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 allow you to add Lightning Pages to Lightning Experience and the mobile app.

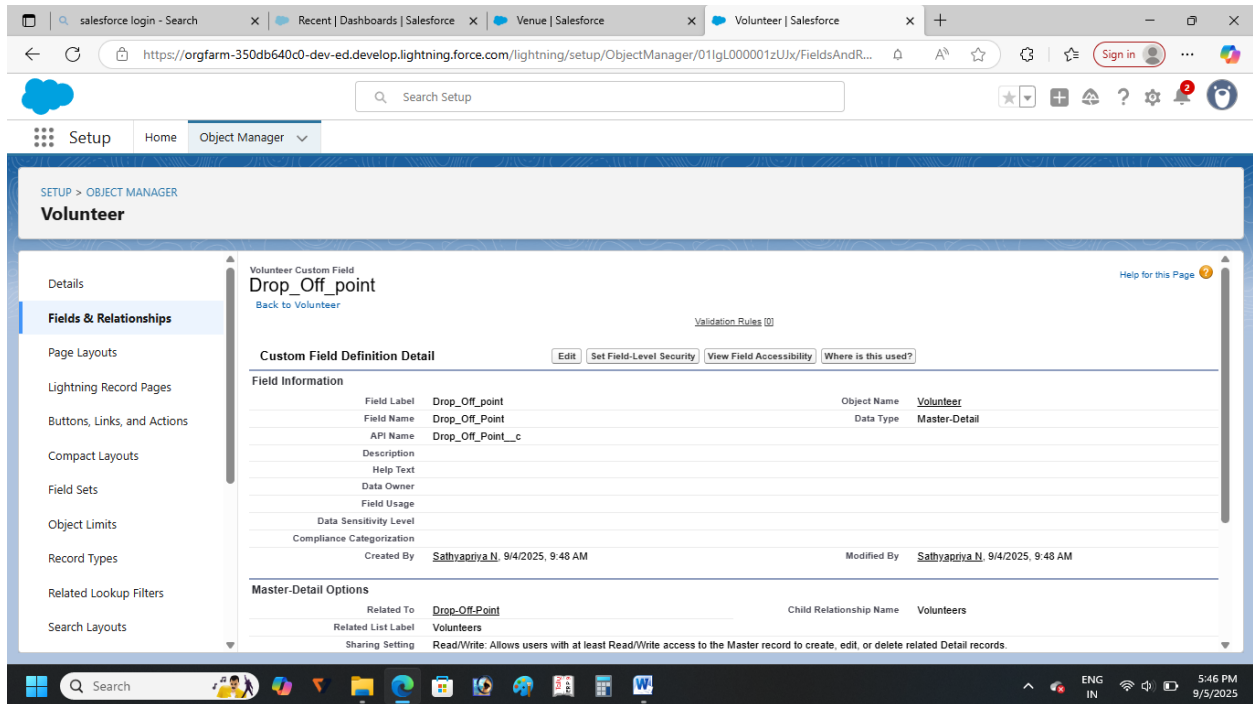
**Custom Object Tabs** [New] [What Is This?]

Action	Label	Tab Style	Description
[Edit] [Del]	Drop-Off Points	Airplane	
[Edit] [Del]	Execution Details	Briefcase	
[Edit] [Del]	Tasks	Calendar	
[Edit] [Del]	Venues	Location pin	
[Edit] [Del]	Volunteers	Group of people	

**Web Tabs** [New] [What Is This?]

No Web Tabs have been defined

### 3.FIELDS



The screenshot shows the Salesforce Setup interface for the 'Volunteer' object. The left sidebar contains navigation links: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area displays the 'Drop\_Off\_point' custom field details. The 'Field Information' section includes: Field Label (Drop\_Off\_point), Field Name (Drop\_Off\_point), API Name (Drop\_Off\_point\_\_c), Description, Help Text, Data Owner, Field Usage, Data Sensitivity Level, and Compliance Categorization. The 'Master-Detail Options' section shows the field is related to 'Drop-Off-Point' (Volunteers) with a 'Read/Write' sharing setting. The bottom status bar shows the Windows taskbar with various application icons and the system clock at 5:46 PM on 9/5/2025.

Volunteer Custom Field  
**Drop\_Off\_point**  
[Back to Volunteer](#)

Validation Rules (0)

Custom Field Definition Detail

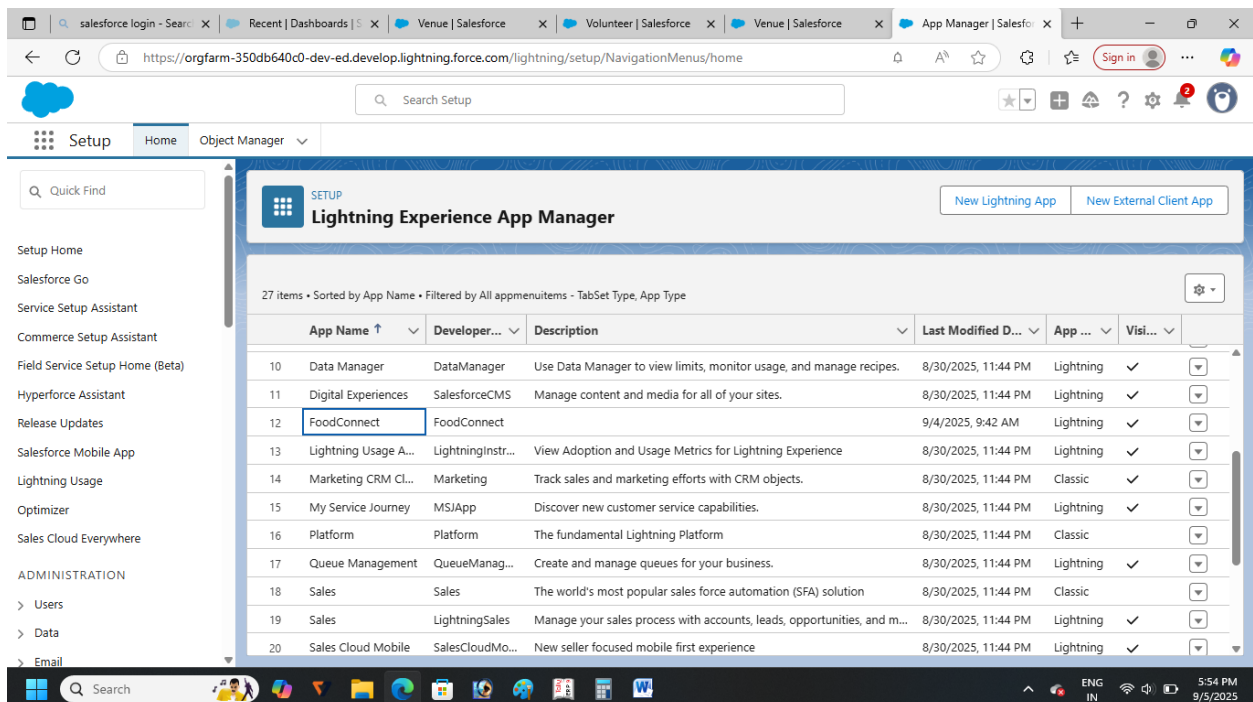
Field Information

Field Label	Drop_Off_point	Object Name	Volunteer
Field Name	Drop_Off_point	Data Type	Master-Detail
API Name	Drop_Off_point__c		
Description			
Help Text			
Data Owner			
Field Usage			
Data Sensitivity Level			
Compliance Categorization			
Created By	Sathyapriya N. 9/4/2025, 9:48 AM	Modified By	Sathyapriya N. 9/4/2025, 9:48 AM

Master-Detail Options

Related To	Drop-Off-Point	Child Relationship Name	Volunteers
Related List Label	Volunteers		
Sharing Setting	Read/Write: Allows users with at least Read/Write access to the Master record to create, edit, or delete related Detail records.		

### 4.LIGHTNING APP



The screenshot shows the Salesforce Setup interface for the 'Lightning Experience App Manager'. The left sidebar contains navigation links: Setup Home, Salesforce Go, Service Setup Assistant, Commerce Setup Assistant, Field Service Setup Home (Beta), Hyperforce Assistant, Release Updates, Salesforce Mobile App, Lightning Usage, Optimizer, Sales Cloud Everywhere, ADMINISTRATION, Users, Data, and Email. The main content area displays a list of 27 items, sorted by App Name. The 'FoodConnect' app is highlighted. The bottom status bar shows the Windows taskbar with various application icons and the system clock at 5:54 PM on 9/5/2025.

Lightning Experience App Manager

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

App Name	Developer...	Description	Last Modified D...	App ...	Visi...
10 Data Manager	DataManager	Use Data Manager to view limits, monitor usage, and manage recipes.	8/30/2025, 11:44 PM	Lightning	✓
11 Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	8/30/2025, 11:44 PM	Lightning	✓
12 FoodConnect	FoodConnect		9/4/2025, 9:42 AM	Lightning	✓
13 Lightning Usage A...	LightningInstr...	View Adoption and Usage Metrics for Lightning Experience	8/30/2025, 11:44 PM	Lightning	✓
14 Marketing CRM Cl...	Marketing	Track sales and marketing efforts with CRM objects.	8/30/2025, 11:44 PM	Classic	✓
15 My Service Journey	MSIApp	Discover new customer service capabilities.	8/30/2025, 11:44 PM	Lightning	✓
16 Platform	Platform	The fundamental Lightning Platform	8/30/2025, 11:44 PM	Classic	✓
17 Queue Management	QueueManag...	Create and manage queues for your business.	8/30/2025, 11:44 PM	Lightning	✓
18 Sales	Sales	The world's most popular sales force automation (SFA) solution	8/30/2025, 11:44 PM	Classic	✓
19 Sales	LightningSales	Manage your sales process with accounts, leads, opportunities, and m...	8/30/2025, 11:44 PM	Lightning	✓
20 Sales Cloud Mobile	SalesCloudMo...	New seller focused mobile first experience	8/30/2025, 11:44 PM	Lightning	✓

## TEAM CONTRIBUTION

Team Members	Contribution
Sudharsana P	Object & Field Creation
Sathyapriya N	Tabs & LightningApp
Valarmathi S	Trigger & Flows
Kanimozhi P	Reports & Dashboard

## CONCLUSION

The project has been successfully implemented and achieved its main objectives. This project was developed with the aim of providing a simple and effective solution to the identified problem. During the process, various concepts, tools, and technologies were applied, which helped to strengthen both theoretical knowledge and practical skills. Overall, this project has been a valuable learning experience and has contributed greatly to as well as academic growth.