

PROJECT TITLE

TO SUPPLY LEFTOVER FOOD TO POOR

College Name: KAAMADHENU COLLEGE ARTS AND SCIENCE

College code:bru4p

TEAM ID : NM2025TMID21109

TEAM MEMBERS:

Team Leader: Akash.S

Email: akash.it23@kascathy.ac.in

Team Member: Muthukaleeswaran.M

Email: muthukaleewaran.it23@kascathy.ac.in

Team Member: Keerthana.T

Email: keerthanat.it23@kascathy.ac.in

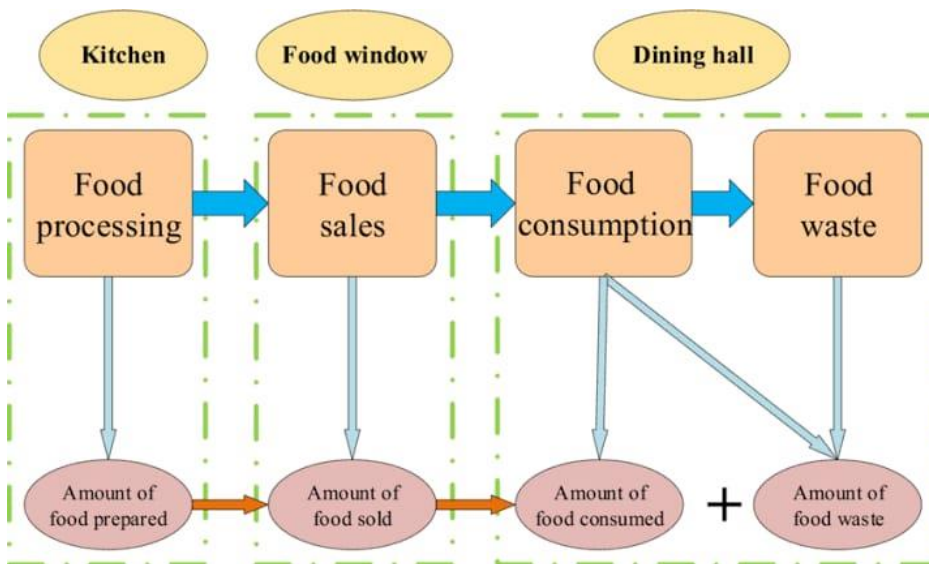
Team Member: Kaviya.D

Email: kaviya.it23@kasasathy.ac.in

INTRODUCTION:

1.1 Project Overview

A project to supply leftover food to the poor serves as a crucial intervention to combat two major global issues: hunger and food waste. This initiative aims to bridge the gap between surplus food in communities and impoverished populations by creating a system that efficiently connects food donors with the needy through a technological platform or established partnerships with NGOs.



1.2 Purpose

"Supply Leftover Food to the Poor" project aims to combat food waste and alleviate hunger by creating a system to collect surplus food from donors (like restaurants and households) and redistribute it to people in need.

DEVELOPMENT PHASE

Creating Developer Account:

By using this URL- <https://www.salesforce.com/form/developer-signup/?d=pb>

The screenshot shows a web browser window with the URL `salesforce.com/form/developer-signup/?d=pb`. The page has a dark blue header with the Salesforce logo and the text "Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud." Below this, it says "Sign up for your Developer Edition." and lists several benefits with checkmarks: "Build apps fast with drag-and-drop tools", "Go further with Apex code", "Build AI agents with Agentforce", "Harmonize your data with Data Cloud", "Ground Agentforce with structured and unstructured data", and "Integrate with anything using APIs".

The main form area is titled "Sign up for your Developer Edition" and includes the subtitle "A free Salesforce Platform environment with Agentforce and Data Cloud". The form fields are as follows:

- First name: (with a green checkmark)
- Last name: (with a green checkmark)
- Job title: (with a green checkmark)
- Work email: (with a green checkmark)
- Company: (with a green checkmark)
- Country/Region: (with a green checkmark and a dropdown arrow)

Below the form fields, there is a note: "Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud Infrastructure." and a checkbox that is checked, with the text: "I agree to the Main Services Agreement – Developer Services and Salesforce Program Agreement. I acknowledge, as described in the Developer Documentation: (1) the Developer Edition Includes autonomous and other generative AI features; and (2) Salesforce may limit use of those features and the org, and may terminate any org that has been inactive for 45 days."

The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system clock in the bottom right corner displays "11:35" and "11-09-2025".

Created objects: Venue, Drop Off point, Task, Volunteer

Platform Login Creden x Developer Edition with x Home | Salesforce x Venue | Salesforce x

orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001ydHF/Details/...

Search Setup

Setup Home Object Manager

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

Type here to search

11:38 11-09-2025

orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000022mCH/Details/...

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Drop-Off point

Details Edit Delete

Description

API Name
Drop_Off_poits__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

← → ↻ orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001yeYH/Details/... ☆ ⓘ ⋮

🌩 Search Setup

⋮ Setup Home Object Manager ▾

SETUP > OBJECT MANAGER

Task

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

Details

Edit Delete

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

← → ↻ orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001yed7/Details/v... ☆ ⓘ ⋮

🌩 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

Details

Edit Delete

Description

API Name

Volunteer__c

Custom

✓

Singular Label

Volunteer

Plural Label

Volunteers

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001ydHF/FieldsAn...

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Venue

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

Fields & Relationships Quick Find 8 Items, Sorted by Name (A-Z)

New Deleted Fields Field Dependencies Set History Tracking

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)		✓

orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000022mCH/FieldsA...

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Drop-Off point

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

Fields & Relationships Quick Find 7 Items, Sorted by Name (A-Z)

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Drop-Off points Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Geolocation		
Owner	OwnerId	Lookup(User,Group)		✓
State	State__c	Picklist		
Venue__c	Venue__c	Lookup(Venue)		✓

orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001yed7/FieldsAn...

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

Fields & Relationships

Quick Find

14 Items, Sorted by Name

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Long Text Area(32768)		
Age	Age__c	Number(18, 0)		
Available On	Available_On__c	Date		
Contact Number	Contact_Number__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		
Drop off Point	Drop_off_Point__c	Master-Detail(Drop off Point)		✓

orgfarm-f3794de58c-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

Search Setup

Setup

Home

Object Manager

Navigation Menus

New Lightning App

App Details

App Branding

* App Name ⓘ

Food connect

* Developer Name ⓘ

Food_connect

Description ⓘ

Enter a description...

Image ⓘ

Upload

Primary Color Hex

Value ⓘ

#0070D2

Org Theme Options

☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview

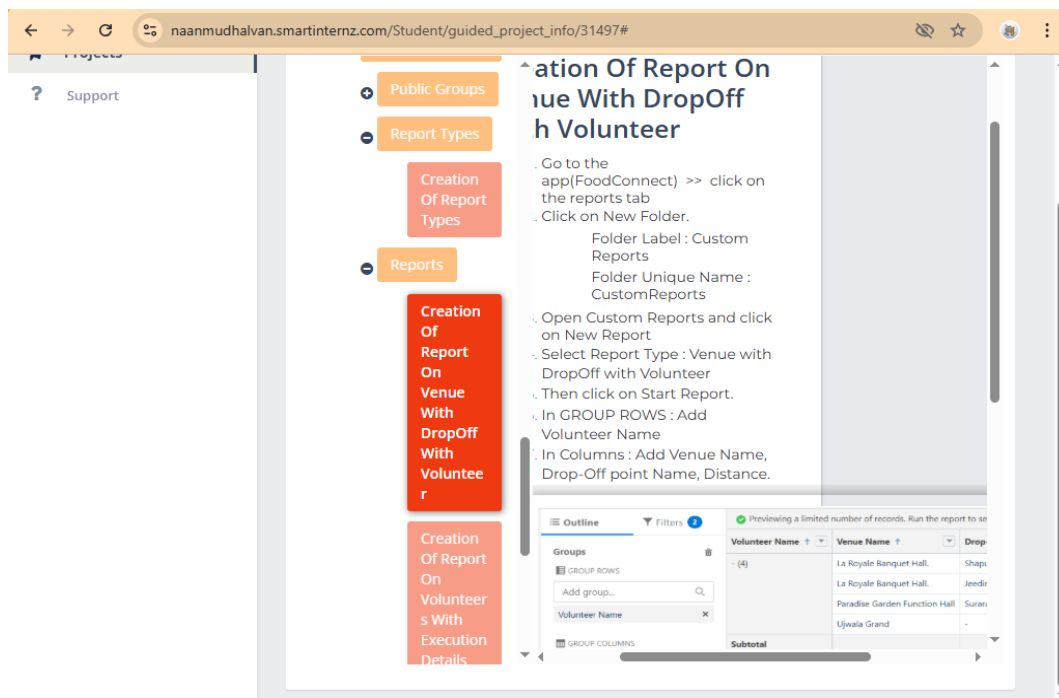
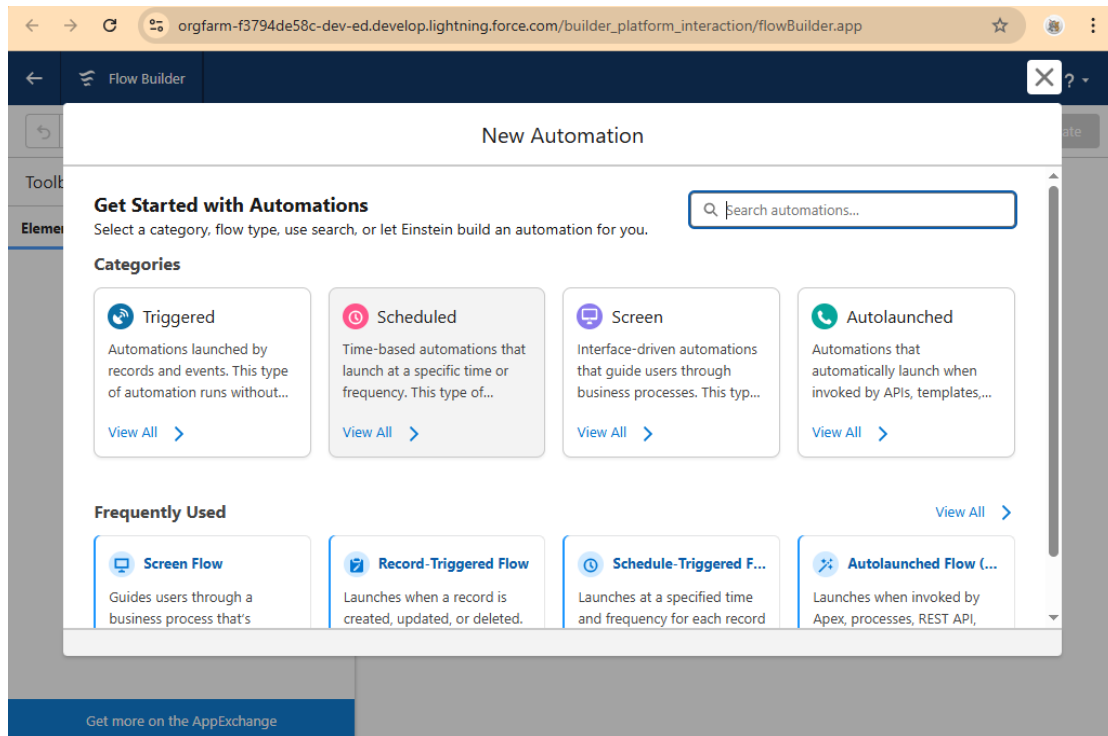
Next

OAuth Usage

Settings

10 Data Manager DataManager Use Data Manager ... 8/24/2025, 6:20 PM Lightning ✓

11 Digital Experiences SalesforceCMS Manage content an... 8/24/2025, 6:20 PM Lightning ✓



Advantages

Reduces Food Waste:

Donating surplus food prevents it from ending up in landfills, which minimizes the environmental impact of food waste, including greenhouse gas emissions.

Provides Immediate Relief:

It offers immediate nourishment to people experiencing hunger, providing them with food they might otherwise not have.

Environmental Benefits:

Diverting food from landfills conserves the resources (energy, water, land) used to produce the food in the first place.

Disadvantages

Food Safety Risks:

Leftovers may harbor bacteria that cause foodborne illness, and visual or olfactory cues aren't always reliable indicators of safety, posing a risk to recipients.

Does Not Address Root Causes of Poverty:

Surplus food donation offers temporary relief but does not tackle the systemic issues like income inequality and the cost of healthy food that lead to food poverty.

"Rebound Effect" for Donors:

If recipients of donated food save money, this can offset some of the climate benefits, as they may be able to spend their savings on other goods or services that also have an environmental impact.

Conclusion:

Supplying leftover food to the poor can significantly reduce food waste and combat hunger, but requires robust logistics, food safety protocols, and strong community partnerships to be effective. Key strategies include establishing food recovery programs with technology-driven logistics, collaborating with NGOs