

PROJECT TITLE

TO SUPPLY LEFTOVER FOOD TO POOR

College Name:Kaamadhenu Arts and Science College

College code:bru4p

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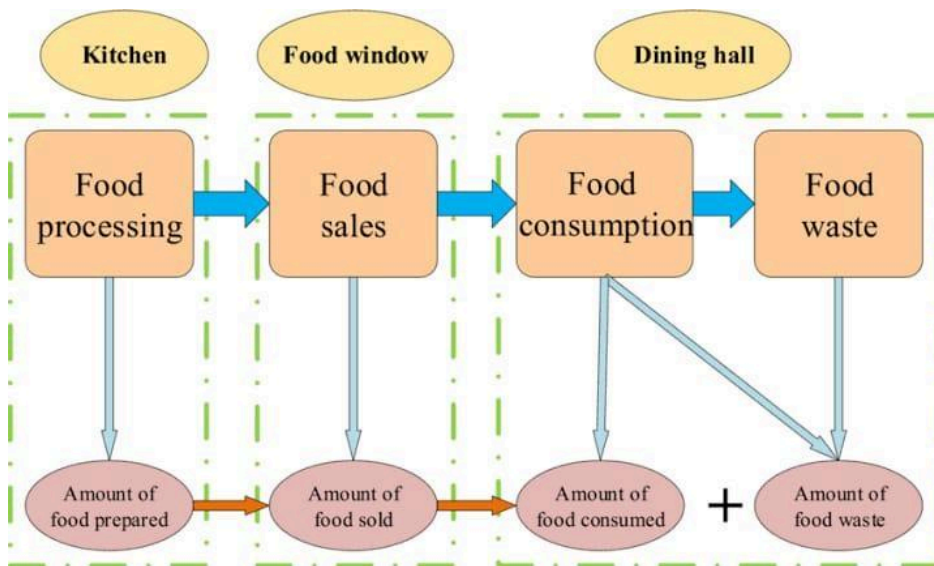
Team Members : Shabarish.A

Email:shabarish.cs23@kascathy.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.

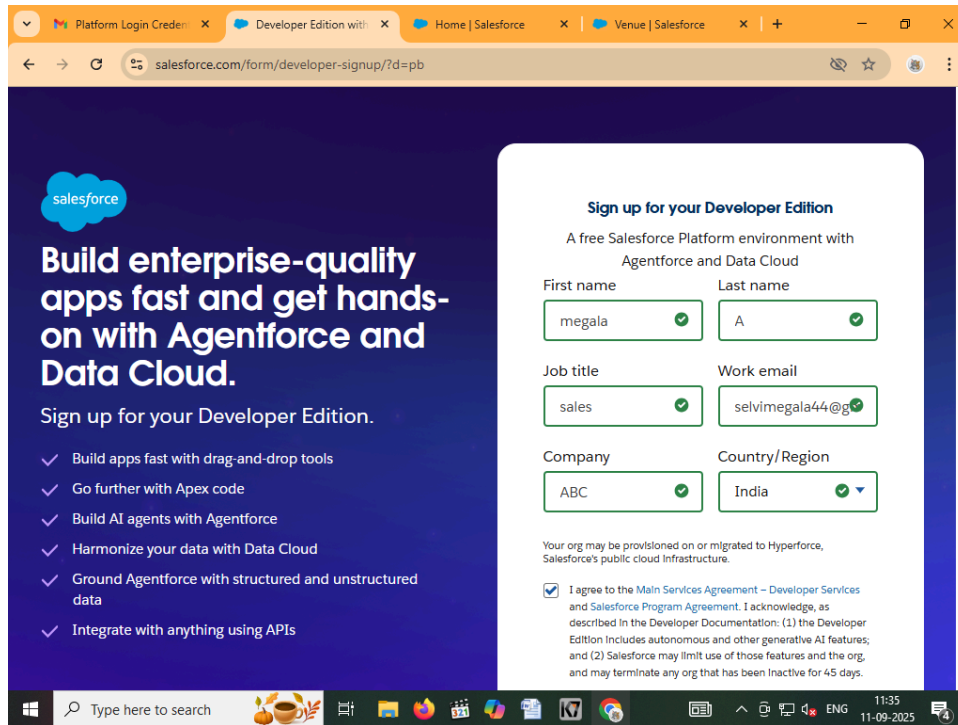


1.2 Purpose

"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:



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

Platform Login Credentials | Developer Edition with | Home | Salesforce | Venue | Salesforce

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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

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

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Related Lookup Filters

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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

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SETUP > OBJECT MANAGER

Task

Details

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Description

API Name
Task__c

Custom
✓

Singular Label
Task

Plural Label
Tasks

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

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SETUP > OBJECT MANAGER

Volunteer

Details

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Description

API Name
Volunteer__c

Custom
✓

Singular Label
Volunteer

Plural Label
Volunteers

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
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Venue

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Fields & Relationships Quick Find

New Deleted Fields Field Dependencies Set History Tracking

8 Items, Sorted by Name

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)		✓

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Drop-Off point

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New Deleted Fields Field Dependencies Set History Tracking

7 Items, Sorted by Name

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)		✓

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New Deleted Fields Field Dependencies Set History Tracking

14 Items, Sorted by Field Label

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)	✓	▼

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New Lightning App

App Details

App Branding

* App Name ⓘ
Food connect

* Developer Name ⓘ
Food_connect

Description ⓘ
Enter a description...

Image ⓘ

Primary Color Hex
Value ⓘ
#0070D2

Upload

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

App Launcher Preview

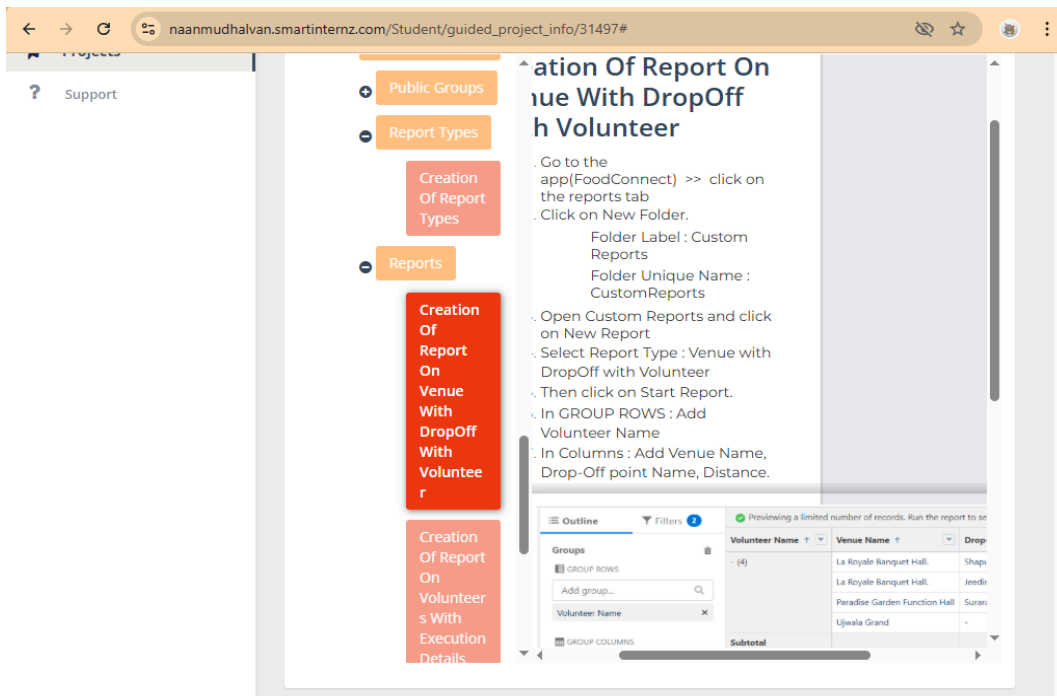
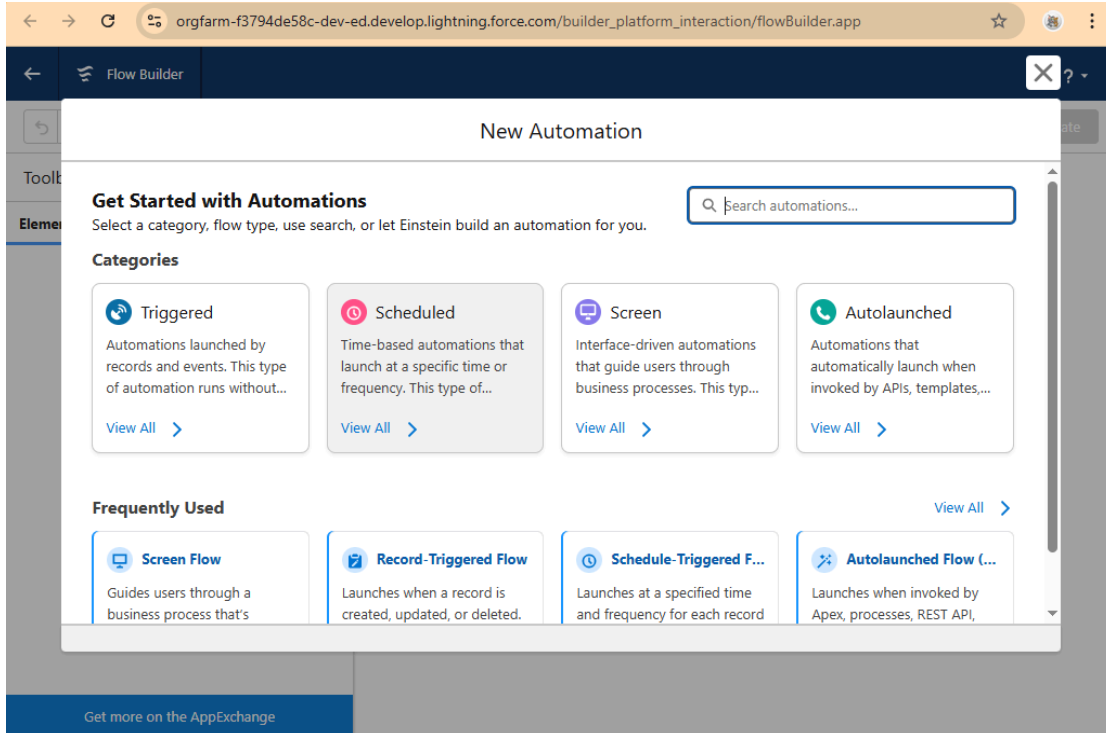
Next

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