FOOD CONNECT

TO SUPPLY LEFTOVER FOOD TO POOR

COLLEGE NAME:CBM College

COLLEGE CODE:bru01

TEAM ID: NM2025TMID24902

TEAM MEMBERS: 3

TEAM LEADER NAME: VARSHITHA.K

　　E-mail: varshithakannan52@gmail.com

TEAM MEMBER 1: HARISHMITHA.R

　　E-mail: harishmitharamesh24@gmail.com

TEAM MEMBER 2: HEMAPRIYA.S

　　E-mail: shemapriya22@gmail.com

INTRODUCTION:

PROJECT OVERVIEW:

This project aims to build a Salesforce-based CRM solution that manages the collection,tracking,and distribution of left overfood from restaurants,hotels,and events to underprivileged communities.The system designed to streamline donor management,volunteer coordination and food distribution logistics,ensuring minimal food wastage and maximum rich to beneficiaries.Key features include donor registration,food pickup scheduling,real time tracking of food request and automated notification for stakeholders.The CRM addresses the business need of improving food distribution efficiency,transparency and accountability.

OBJECTIVES:

1. To automate donation tracking and pickup scheduling for timely food connection.

2. To provide stakeholders with realtime visibility into donation status,logistics,and distribution.

3. To ensure food wastage reduction and channel surplus food to the needy in an organized manner.

DEVELOPMENT PHASE:

For managing entities venue,drop-off point,task,execution details,volunteers.

Home | Venues ▾ | Drop-Off Points ▾ | Tasks ▾ | Volunteers ▾ | Execution Details ▾ | Reports ▾ | Dashboards ▾

Venues
Recently Viewed ▾ 📌

2 items • Updated a few seconds ago

	Venue Name
1	St.Marys School
2	St.Antony's Parish Hall

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Drop-Off Points
All ▾ 📌

2 items • Sorted by Drop-Off Point Name • Updated a few seconds ago

	Drop-Off Point Name ↑
1	Hospitals
2	Trust

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Tasks
Recently Viewed ▾ 📌

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	Task Name ↑
1	food donation
2	food donation

Search...

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Volunteers
Recently Viewed ▾ 📌

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		Volunteer Name
1	☐	Hemapriya.S
2	☐	varshitha

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Execution Details
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		Execution Detail Name
1	☐	Half day
2	☐	full day

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Reports
Recent
3 items

| REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed	
Recent	Sample Flow Report: Screen Flows	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	8/2/2025, 10:01 PM		▾
Created by Me	Volunteer Task		Custom Reports	Harishmitha R	8/24/2025, 8:53 AM		▾
Private Reports	venue and Drop Off point		Custom Reports	Harishmitha R	8/24/2025, 8:31 AM		▾
Public Reports							
All Reports							
FOLDERS							
All Folders							
Created by Me							
Shared with Me							
FAVORITES							
All Favorites							
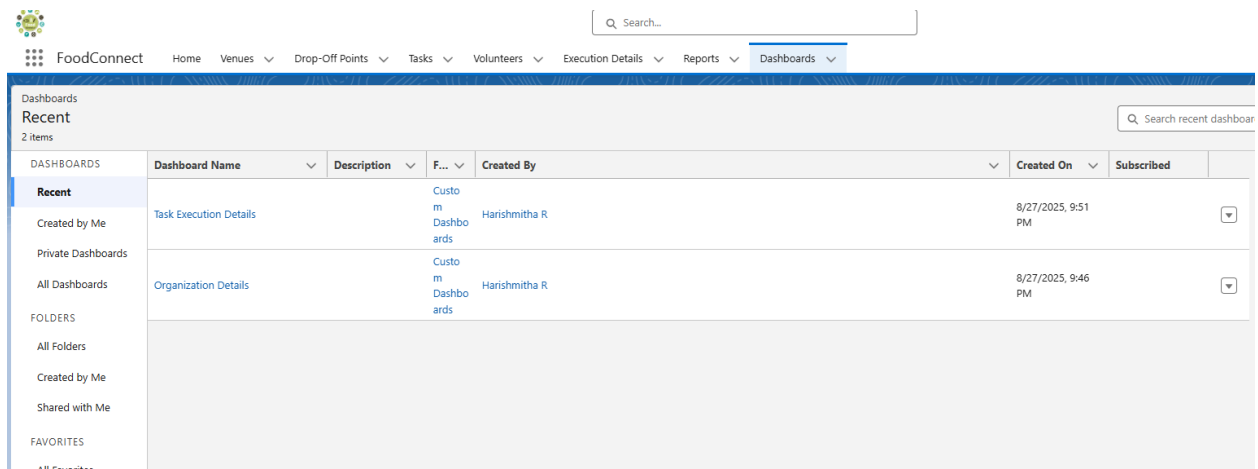
LIGHTING APP:

Developed a customized app designed for easy navigation and enhanced accessibility.
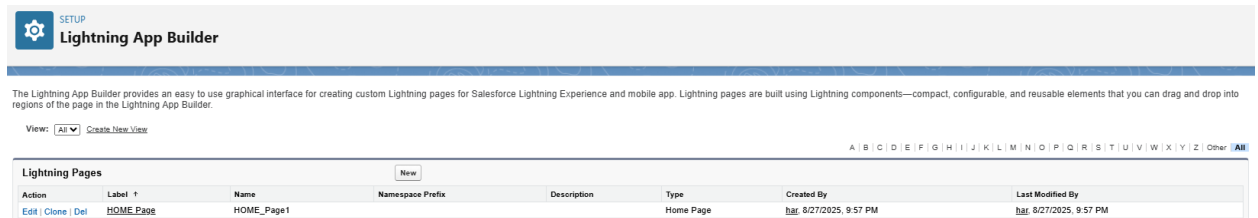
FLOWS:

- Donors log donation via a form,automatically creating a food donation record.
- Assigns volunteers based on avalibility and proximity.
- Sends automated SMS/E-mail to volunteers and beneficiaries about pickup and delivery.
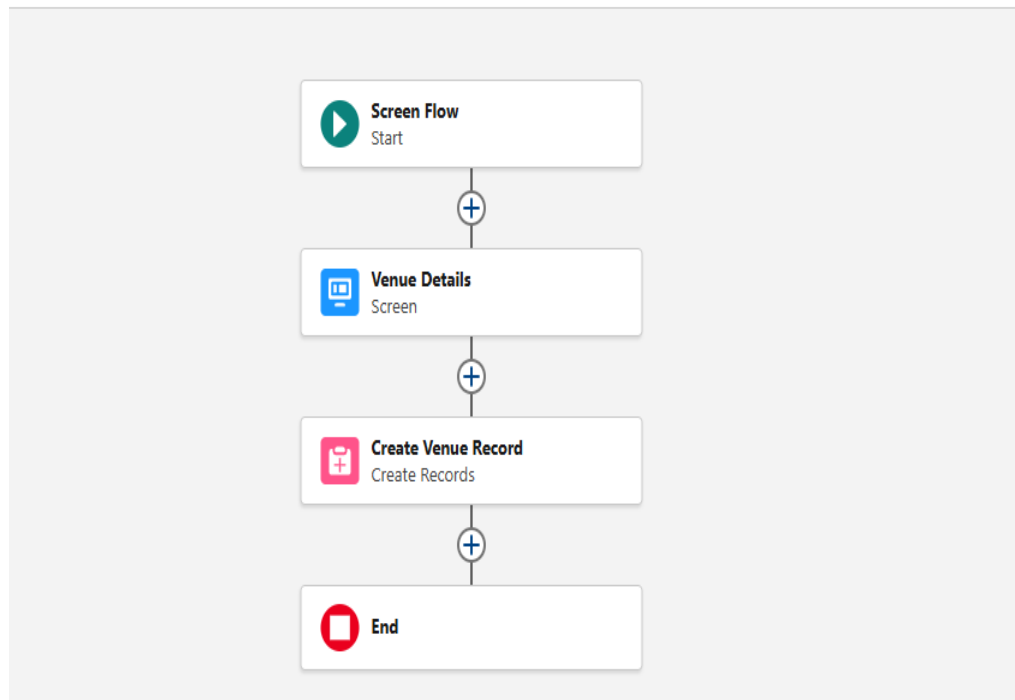
VALIDATION RULES,APPROVAL PROCESSES AND AUTOMATION:

❖ Food donation cannot be created without specifying quantity and expiry time.

❖ Beneficiary record require a valid contact number for confirmation.

❖ Large food donation approval by an NGO admin before dispatch.

❖ E-mail alerts when a donation is created.

❖ Task assignment to nearest available volunteer.

❖ Auto-updating donation status to "Deliverd" once a distribution record is submitted.

UNIT AND ACCEPTANCE TESTING:

UNIT TESTING: Tested flows for food donation submission,volunteer assignment, and beneficiary notifications.

USER ACCEPTANCE TESTING: Conducted with a small group of donors,volunteers,and beneficiaries to validate usability and accessibility.

RESULTS:

Set up the homepage to highlight key metrics and provide stakeholders with quick access links.
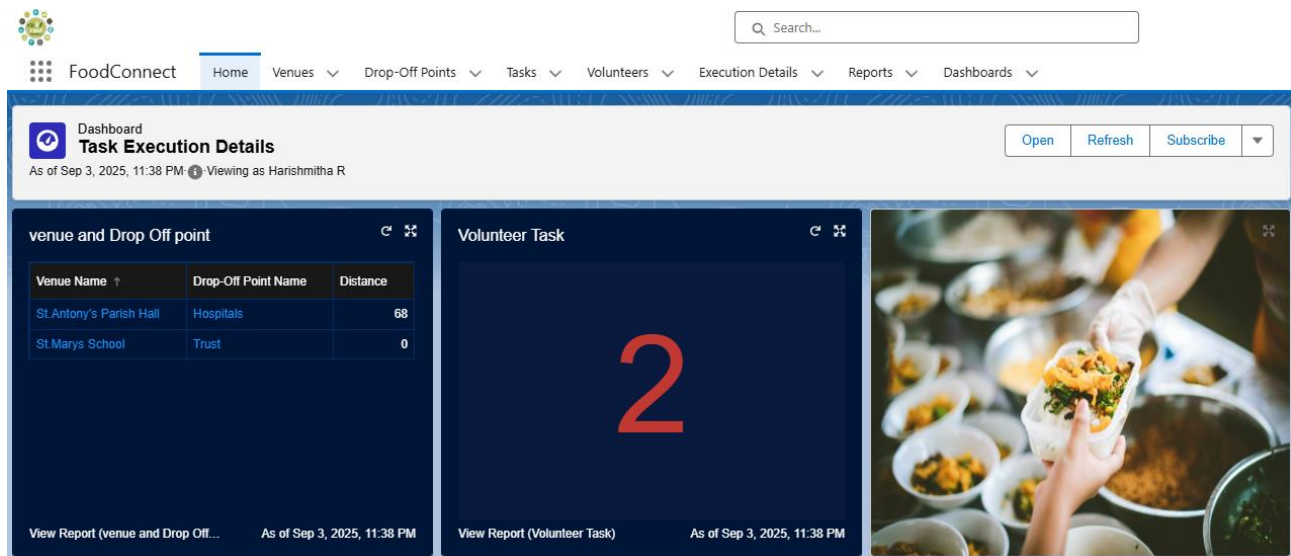
CONCLUSION:

The Salesforce based on food supply management CRM successfully addresses the challenge of food wastage while supporting social good by connecting donors,volunteers,and beneficiaries.With its automation,streamlined workflows,and reporting capabilities,the system ensures transparency ,accountability and maximum utilization of leftover food.

APPENDIX:

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