Project Design Phase
Proposed Solution

Date	06 NOVEMBER 2025
Team ID	NM2025TMID06146
Project Name	To Supply Leftover Food to Poor
Maximum Marks	2 Marks

Project Vision:

The vision of this project is to create a zero-food-waste community where every extra meal finds its way to someone in need. The platform aims to make food donation a simple, automated, and transparent process, helping people contribute to social welfare effortlessly.

Mission Statement:

Our mission is to connect food donors, NGOs, and volunteers through technology and ensure leftover food reaches poor people safely and efficiently. We aim to use Salesforce's power to drive social good, sustainability, and hunger relief**.**

System Workflow:

1. **Donor Uploads Food Details** – Restaurant/event updates food availability.
2. **Automatic Matching** – System finds the nearest NGO/volunteer.
3. **Notification Triggered** – NGO and volunteer receive pickup details.
4. **Food Pickup & Delivery** – Volunteer collects and delivers to needy.
5. **Tracking & Reports** – Dashboard shows delivery status and analytics.

This streamlined workflow ensures fast action and minimal wastage.

Data Flow and Management:

The system stores all donor, NGO, volunteer, and delivery details in Salesforce custom objects. Each record is linked and updated automatically using flows and triggers**,** allowing real-time tracking of food movement. Data reports can be generated anytime for transparency and performance review.

Sustainability and Future Scope:

The project promotes sustainable food management by reducing waste and encouraging reuse.
In the future, it can include:

- AI-based prediction of food demand and expiry.
- Mobile app integration for instant alerts.
- GPS tracking of deliveries.
- Government partnerships for large-scale implementation.

Expected Benefits:

- Reduced food wastage across communities.
- Faster coordination between donors and NGOs.
- Increased transparency through dashboards and tracking.
- Enhanced community engagement and awareness.
- Positive environmental impact by minimizing landfill food waste.

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Many restaurants, events, and households have leftover food that often go people struggle to get meals.There is no proper system to connect donors, manage this food distribution efficient
2.	Idea / Solution description	A Salesforce-based platform is created where donors can upload leftover food details. The system automatically matches nearby NGOs or volunteers, sends notifications, and tracks the pickup and delivery process through dashboard
3.	Novelty / Uniqueness	The solution uses Salesforce automation and workflows to connect donors and NGOs in real time without any third-party tools. It ensures quick response and transparent food delivery tracking.
4.	Social Impact / Customer Satisfaction	It helps reduce food wastage and hunger by ensuring leftover food reaches poor and needy people quickly. It also builds community trust and promotes social responsibility.
5.	Business Model (Revenue Model)	The project focuses on social service, not profit. However, NGOs and donors can benefit through better visibility, improved coordination, and reduced wastage, leading to long-term sustainability.
6.	Scalability of the Solution	The system can be expanded to multiple cities and integrated with delivery partners or government food programs. It can also include AI-based matching and expiry-time alerts in future updates.

Conclusion:

The project **"Supplying Leftover Food to Poor in Salesforce"** provides an easy and effective way to reduce food wastage and help people in need. By using Salesforce, donors, NGOs, and volunteers can connect on one platform to share, collect, and distribute leftover food quickly. The system ensures proper tracking, timely delivery, and transparency in the process. This project not only supports social welfare but also shows how technology can be used for a good cause to make a positive difference in society.

Solution Description:

The project uses Salesforce to create an efficient platform for managing leftover food donations. Donors can post food availability details, and the system automatically matches them with nearby **NGOs** and assigns volunteers for pickup and delivery. Using Salesforce Objects, Flows, and Dashboards**,** the system automates every step — from donor registration to food delivery tracking. It helps reduce food wastage, ensures quick response, and maintains proper communication between all participants. The solution also provides **real-time monitoring**, status updates, and reports on total donations and delivery times. This makes the process transparent, reliable, and easy to manage for both NGOs and volunteers, while contributing to **a** sustainable and hunger-free community**.**