Problem Solution Fit

Date	25 June 2025
Team ID	LTVIP2025TMID31177
Project Name	To Supply Leftover Food to Poor

Problem Statement:

Food wastage continues to be a significant issue, especially in urban areas, while many underprivileged communities struggle with hunger and food insecurity. There is a clear gap between surplus food availability and organized, real-time distribution channels. NGOs often lack a centralized, digital system to track, manage, and analyze food collection and delivery operations efficiently.

Proposed Solution:

The **FoodConnect** application, built on the Salesforce Platform, addresses this by enabling NGOs to manage surplus food distribution in a structured, transparent, and scalable way. By creating custom Salesforce objects like Venue, Drop-Off Point, Task, Volunteer, and Execution Details, the platform offers a holistic CRM to coordinate donations, logistics, and volunteer efforts.

Purpose:

- **Centralized Data Management:**
  Maintain all records (venues, donors, volunteers, drop-off points) in one place for easier tracking and access.

- **Role-Based Access Control:**
  Define user profiles and public groups to ensure data privacy while enabling collaboration across multiple NGOs.

- **Automated Workflows:**
  Use Salesforce Flows and Triggers to auto-assign tasks, calculate distances, and notify volunteers — reducing manual workload.

- **Location Intelligence:**
  Leverage geolocation fields and distance calculations to optimize food drop logistics and reduce transportation costs.

- **Volunteer Scheduling:**
  Efficiently assign tasks based on availability, age, location, and skill sets of volunteers.

Problem–Solution Fit for Supplying Leftover Food to the Poor

✔ Problem Statement

Millions of people experience food insecurity and hunger on a dally basis – A large amounts of leftover food is wasted.

- Lack of coordination between food donors and needy recipients
- No real-time system to track surplus food availability
- Fear of food contamination and legal issues
- Limited awareness among food providers
- Logistical and transportation issues in collecting and delivering food

💡 Proposed Solution

A tech-enabled platform or mobile app that connects food donors (hotels, restaurants, households) with NGOs or volunteers who distribute food to poor in-time,

Key Features of the Solution: Include:
- Donor Registration & Food Listing
- NGO/Volunteer Matching
- Real-Time Tracking
- Quality Assurance Guidelines
- Impact Reporting
- Legal & Compliance Support
- Community Engagement

🧩 Why This Solution Fits

- Reduced hunger and improved nutrition in underseryed communities
- Significant reduction in food wastage
- Better civic participation and social responsibility.
- Scalable, replicable model for other cities or countries

Problem	How the Solution Fits orthe tsc-mienf
Food waste in urban establishments	Matches surplus food with demand in **real time**
	Directs edible food to shelters, slums, and needy popul-
NGO/Volunteer Matching	Centralized platform automates and streamiine the pro-
Real-Time Tracking	Provides legal clarity and hygiene guidance
Legal concerns of food donors	Engages volunteers/partners with transport capabilities