

PROJECT DESIGN PHASE

problem solution fit template

Date : 4 Nov 2025

Team ID : NM2025TMID03861

Project Name : To Supply Leftover Food to Poor

Maximum Marks: 4 Marks

THE PROBLEM:

Problem Statement: "Significant amounts of perfectly edible surplus food from businesses are wasted daily due to inefficient, manual, and uncoordinated processes for timely collection and distribution."

- **Who experiences this pain?**
 - **Food Donors (Restaurants, Grocery Stores):** They experience the pain of disposing of edible food, incurring waste removal costs, and missing opportunities to contribute to the community. They lack an easy, reliable, and timely channel for donation.
 - **Charities/NGOs:** They experience the pain of missing out on potential food donations, struggling with manual

coordination, and spending excessive time on logistics instead of direct service.

- **Food Recipients:** They suffer from inconsistent access to food, leading to hunger and malnutrition, because the available surplus food isn't reaching them efficiently.
- **Why is it a problem?**
 - **Perishability:** Food spoils quickly, meaning a timely collection system is critical. Manual calls and emails are too slow.
 - **Lack of Visibility:** Donors don't easily know who needs what, and charities don't easily know who has what.
 - **Logistical Complexity:** Coordinating pick-ups (when, where, by whom) and deliveries is complex, especially for small, fluctuating donations.

