

Project Design Phase Proposed Solution

Date: 30 October 2025

Team ID: NM2025TMID01177

Project Name: To supply leftover food and poor

Maximum Marks: 2 Marks

S.No.	Parameter Description	Details
1	Problem Statement (Problem to be solved)	A large amount of leftover food from restaurants, events, and households goes to waste daily, while many poor and needy people struggle with hunger. There is a lack of a systematic process to collect and distribute this food efficiently and safely.
2	Idea / Solution Description	Develop a platform or system to collect leftover food from restaurants, hotels, and events, and deliver it to the poor and needy. The system will connect donors, volunteers, and NGOs through a mobile/web application that tracks food availability, pickup, and delivery.
3	Novelty / Uniqueness	The solution integrates technology with social welfare — using real-time tracking, volunteer coordination, and hygiene checks to ensure safe and timely food delivery. Unlike general donation drives, it focuses on perishable food management and rapid logistics.
4	Social Impact / Customer Satisfaction	It directly addresses hunger and food wastage simultaneously. The initiative promotes social responsibility, reduces environmental waste, and ensures that surplus food benefits those in need instead of being discarded.
5	Business Model (Revenue Model)	The system can operate on a non-profit basis supported by CSR funds, government grants, or partnerships with food chains. In the long term, revenue can be generated through logistics support, app-based partnerships, and awareness campaigns.

S.No.	Parameter Description	Details
6	Scalability of the Solution	The model can be scaled across cities and countries by partnering with local NGOs, food delivery partners, and municipal bodies. It can also include other essentials like clothing or medical supplies in future expansions.

Reference: Infographic created using MidJourney.

Solution Description:

This project provides a technology-based solution to reduce food waste and hunger by building a platform that bridges the gap between food donors and people in need. The system allows donors to register surplus food, and nearby volunteers or NGOs can be automatically notified for collection and distribution. The initiative encourages sustainability, social welfare, and responsible consumption, leveraging digital tools for real-world humanitarian impact.