

Project Design Phase

Proposed Solution

Date: 2 November 2025

Team ID: 295A0CF8D7EF8FEA2B34148BBB1928C0

Project Name: To Supply Leftover Food to Poor

Maximum Marks: 2 Marks

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Every day, large quantities of food are wasted in restaurants, hotels, events, and homes. This solution aims to address the issue of food wastage by creating a platform that connects food donors with food seekers.
2	Idea / Solution Description	The project aims to create a digital platform (web and mobile) that connects food donors with food seekers. Donors can list their surplus food, and volunteers can sign up to collect it. The platform will use GPS tracking and real-time data sharing to facilitate smooth pickups.
3	Novelty / Uniqueness	This solution leverages technology for social welfare, combining real-time data sharing, GPS tracking, and volunteer management to create a efficient food distribution system.
4	Social Impact / Customer Satisfaction	It directly addresses hunger and food wastage, benefiting both society and the environment. By reducing food waste and providing meals to those in need, the project contributes to zero hunger, sustainability, and social responsibility goals.
5	Business Model (Revenue Model)	The project can operate on a non-profit or NGO-based model supported by donations, corporate sponsorships, and partnerships with food establishments.
6	Scalability of the Solution	The system can be scaled across cities and states by collaborating with local authorities and organizations.

Reference:

Concept and solution framework inspired by sustainable food distribution and waste reduction initiatives.

Solution Description:

The project “To Supply Leftover Food to Poor” provides a structured, technology-enabled approach to redistribute surplus food. Through a user-friendly mobile and web platform, donors can list available food, while registered volunteers are automatically notified and guided to the pickup location.

The system ensures hygiene checks, tracking of deliveries, and transparency at every stage. By preventing food wastage and feeding those in need, this solution contributes to zero hunger, sustainability, and social responsibility goals. It encourages individuals and organizations to take part in reducing hunger and food waste in a practical and impactful way.