

PROPOSED SOLUTION

Date	04 november 2025
TeamID	NM2025TMID04293
ProjectName	To supply leftover food to poor
MaximumMarks	2 marks

Proposed Solution Template:

S.no	Parameters	Description
1	Problem Statement	The problem is that large amounts of edible food from restaurants, events, and households are wasted every day, while many poor and homeless people go hungry. There is no efficient system to collect, preserve, and distribute this leftover food safely and quickly to those in need. This mismatch between food surplus and hunger leads to increased waste, resource loss, and continued food insecurity among vulnerable communities.
2	Solution Description	The solution is to develop an efficient food redistribution system that collects safe, leftover food from restaurants, households, and events and delivers it to poor and hungry individuals. This can be achieved through a mobile app or community network that connects food donors with nearby NGOs or volunteers for quick pickup and delivery. By ensuring proper hygiene and timely distribution, the initiative reduces food waste, supports the needy, and promotes social and environmental responsibility.
3	Uniqueness	The uniqueness of this initiative lies in its ability to connect food donors and needy people through a real-time, organized system that ensures safe and quick redistribution of surplus food. Unlike traditional charity methods, it uses technology and community participation to minimize waste, maintain hygiene, and deliver food efficiently. This approach not only fights hunger but also promotes sustainability and social responsibility by turning food waste into a valuable resource for those in need.
4	Customer Satisfaction	Customer satisfaction in supplying leftover food to the poor is measured by how effectively the initiative meets the needs of both donors and recipients.

		Donors are satisfied when the process is simple, reliable, and ensures their surplus food is used responsibly. Recipients are satisfied when they receive safe, timely, and nutritious meals consistently. High satisfaction is achieved through organized logistics, proper hygiene, prompt delivery, and clear communication between donors, volunteers, and beneficiaries.
5	Business Model	The initiative to supply leftover food to the poor aims to reduce food waste and fight hunger by collecting surplus, safe-to-eat food from restaurants, events, and households and delivering it to those in need. Using a coordinated system—through a mobile app, hotline, or community network—donors can easily report available food, and volunteers or partner NGOs can collect and distribute it promptly and safely. This approach ensures that edible food reaches the hungry, promotes social responsibility, and supports environmental sustainability.
6	Scalability of the Solution	The solution is highly scalable because the model can be replicated across cities and regions with minimal changes. By leveraging technology, volunteer networks, and partnerships with NGOs and food donors, the system can handle increasing volumes of surplus food and beneficiaries. Standardized processes for collection, safety, and distribution allow expansion without significant infrastructure, making it possible to reach more people and reduce food waste on a larger scale.

Solution Description:

The solution to supplying leftover food to the poor is to create an organized collection and distribution network that channels surplus food from restaurants, events, and households to people in need. Using a simple system—such as a mobile app, hotline, or local volunteer network—donors can report available food, and trained volunteers or partner NGOs can collect and deliver it safely and quickly. This ensures that edible food is not wasted and instead helps feed the hungry, promoting social welfare and environmental sustainability.