Ideation Phase

Brainstorm & Idea Prioritization Template

Date	02 November 2025
Team ID	NM2025TMID04225
Project Name	To supply leftover food to poor
Maximum Marks	4 Marks

Project Overview: To Supply Leftover Food to the Poor Template

This project focuses on developing a sustainable system that collects leftover food from restaurants, hostels, canteens, and events, and distributes it safely to people in need. The main objective is to reduce food wastage and address hunger simultaneously. The system aims to connect food donors and NGOs/volunteers through a simple digital platform or coordination network. Donors can register leftover food quantities, and volunteers will collect and deliver it to nearby shelters or poor communities. This process ensures the proper use of surplus food and supports social welfare by feeding the hungry. The workflow includes donor registration, food quality verification, collection logistics, and final delivery. Safety measures such as time-based freshness checks and temperature maintenance are also included. The project promotes a circular economy model where excess resources are redirected to meet essential needs.

Step 1: Team Gathering, Collaboration, and Problem Selection
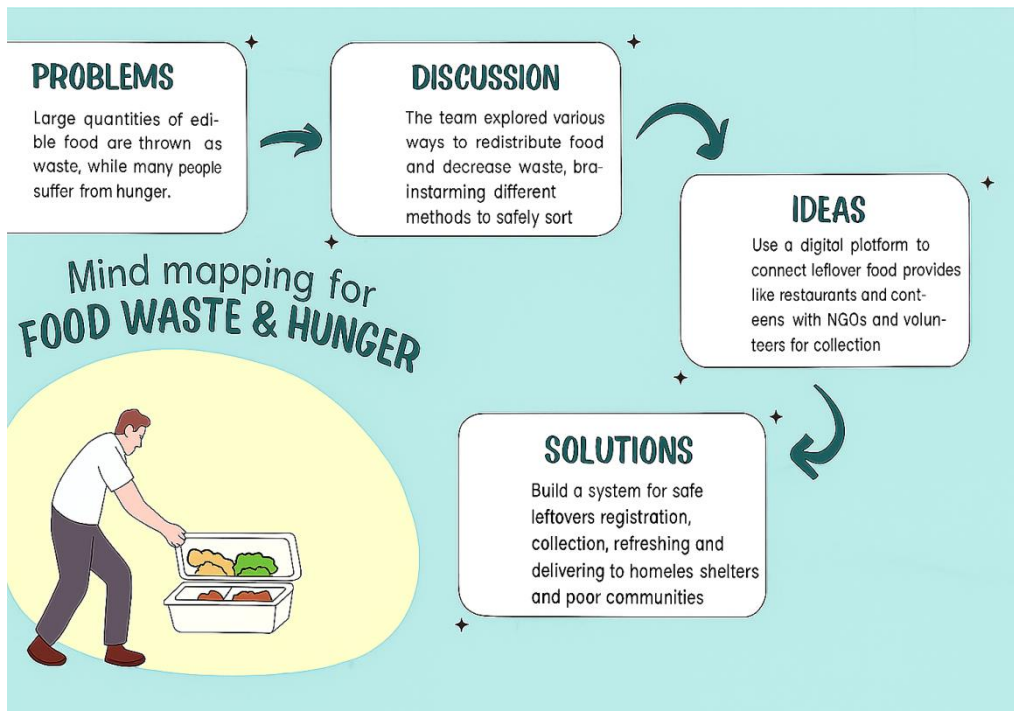
The team collaboratively discussed several social welfare challenges and identified food wastage and hunger as one of the most pressing issues. Through research and brainstorming sessions, the team selected the problem statement: **"To create a system that supplies leftover food to the poor."**

Step 2: Brainstorm, Idea Listing, and Grouping

Brainstorm:
Team members shared ideas on how to collect, store, and distribute leftover food efficiently while maintaining hygiene and safety.

Idea Listing:
- Partner with restaurants, hotels, and event organizers.
- Create an app or website for food donation.
- Connect NGOs and volunteers for delivery.
- Include real-time tracking of available food.
- Implement freshness and quality checks.
- Schedule regular pickups to prevent waste.

Grouping:
Ideas were grouped into three main categories:
1. Food Collection & Donor Management
2. Transportation & Storage
3. Distribution & Welfare Impact

Action Planning:
Each category was assigned to team members for detailed planning. Responsibilities were defined, and timelines were set for prototype development, NGO collaboration, and field testing.

Step 3: Idea Prioritization

Idea Prioritization:
The prioritized idea is to build a **Food Redistribution System** that bridges the gap between food surplus points and underprivileged communities.

By focusing first on local restaurant partnerships and NGO coordination, the system ensures immediate practical impact. The project is divided into phases — donor registration, logistics arrangement, and safe delivery.

Prioritizing safety, scalability, and simplicity helps the team focus on the most effective solution first. Visual flowcharts and models will illustrate the data flow from donation to delivery, helping in clear implementation planning.

Overall, idea prioritization strengthens clarity, reduces wastage, and supports community welfare by turning surplus food into a sustainable resource for the poor.