Ideation Phase
Define the Problem Statements

Date	
Team ID	NM2025TMID04225
Project Name	To Supply Leftover Food to Poor
Maximum Marks	2 Marks

Customer Problem Statement Template:

Many restaurants, hotels, and event organizers have large amounts of leftover food that often go to waste. Meanwhile, poor and needy people struggle daily to find sufficient meals. This mismatch between surplus food and hunger creates both social and environmental problems, including food wastage and increased landfill waste.

There is a need for a systematic way to collect, store, and distribute leftover food safely and efficiently to the poor. An effective solution would include real-time coordination between food donors and NGOs/volunteers, ensuring timely pickup, quality control, and fair distribution.

Such a solution would help reduce food waste, feed the hungry, and promote social responsibility among organizations and individuals.

Problem & Solution Table

Problem	Description	Solution
Food Wastage	Surplue food is thrown away, increasing waste and environmental burden.	Set up a aquick. response system to coordinate pickups from donors.
Coordination Challenges	It is difficult to match donors with people in need in real time.	Use a platform that connects restaurants, hotels, and event organizers with NGOs and volunteers.
Safety Concerns	Donors worry aboutte safe storage and handling of food.	Implement quality checks and sett guidelines for storage and traraport.
Inequi-table Distribution	Poor commur nities may miss out when food distributions are unplanned.	Create a fair distribution plan and ensure regular updates on food availability.
Tracking and Accountability	Develop a record-keeping system for monitoring donations and reporting outcomes.	Develop a record-keeping system for monitoring donations and reporting outcomes.

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Restaurant Owner	Donate left over food	I cannot find a reliable platform	there is no proper system to connect with NGOs or volunteers for timely pickup	disappointed and helpless
PS-2	An volunteer	collect and distribute leftover food	I lack information about where surplus food is available	there is no centralized platform to notify us when food is ready for collection	frustrated and inefficient

Problem Statement PS 1:

As a restaurant owner, I want to donate leftover food after closing hours, but I often cannot find a reliable platform to connect with NGOs or volunteers. This leads to food wastage and missed opportunities to help people in need. I need a simple, real-time system that allows me to report available food and schedule safe, quick pickups.

Problem Statement PS 2:

As an NGO volunteer, I want to collect and distribute leftover food, but I lack information about where surplus food is available at any given time. This makes coordination difficult and reduces the impact of our efforts. A notification-based platform that alerts us when nearby restaurants or events have surplus food would help ensure timely collection and equitable distribution.