Project Design Phase
Problem – Solution Fit Template

Date	01 NOVEMBER 2025
Team ID	NM2025TMID09002
Project Name	Supply Leftover Food to Poor
Maximum Marks	2 Marks

Problem – Solution Fit Template

The Problem–Solution Fit ensures that the identified problem truly exists among the target users and the proposed solution effectively solves it. It helps innovators deeply understand user needs, current pain points, behavior patterns, and the best way to build a meaningful and adoptable solution.

Purpose

☑ **Solve real social problems aligned with community needs**
☑ **Increase solution acceptance by understanding stakeholder behavior**
☑ **Build trust by solving urgent and impactful issues**
☑ **Enhance communication & collaboration between donors, volunteers, and receivers**
☑ **Improve the existing food distribution system for poor and hungry communities**

Problem – Solution Fit: Supply Leftover Food to Poor

Problem Statement:
Every day, a large quantity of food is wasted in restaurants, hotels, events, and households while many poor people struggle to find even one proper meal. Lack of coordination, awareness, and proper systems causes delay, food spoilage, and loss of resources. Volunteers and donors face issues like improper pickup scheduling, no tracking, and hygiene concerns, leading to inefficient food distribution.

Solution:
A smart food redistribution system that connects donors, volunteers, NGOs, and needy individuals through a simple, real-time platform. The solution enables donors to register leftover food, verify freshness, schedule pickups, and track delivery until it reaches poor recipients. Volunteers receive timely notifications, route suggestions, and hygiene guidelines to streamline transportation. This solution minimizes food wastage, ensures safety, speeds donations, and feeds the needy efficiently and compassionately.

Impact:
This project strengthens hunger-relief efforts, promotes social responsibility, and builds a bridge between surplus food providers and underserved communities. With real-time updates, validation, and coordination features, the system ensures food reaches beneficiaries safely and on time. It

contributes to reducing hunger, improving sustainability, and creating a healthier, more caring society.

References

1. https://www.ideahackers.network/problem-solution-fit-canvas/

2. https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe