## Project Design Phase
## Problem – Solution Fit Template

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| Date | 30 JUNE 2025 |
| Team ID | NM2025TMID00011 |
| Project Name | To Supply Left Over Food To Poor |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Template:**

Every day, large quantities of perfectly edible food go to waste in restaurants, hotels, events, hostels, and households. At the same time, many people struggle to get enough to eat. The lack of a proper channel to collect and redistribute leftover food results in:

- Food wastage on a large scale.

- Increased environmental pollution due to decomposing waste.

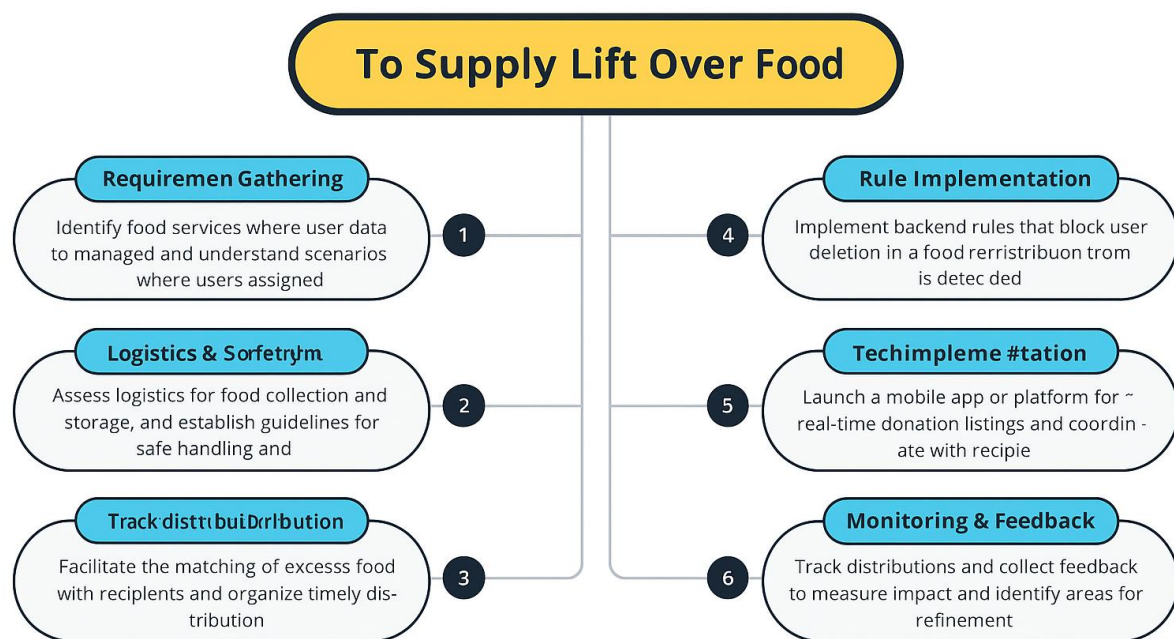- Missed opportunities to help underprivileged communities.

**Purpose:**

❑ Develop a **digital platform or mobile application** that connects food donors (restaurants, hotels, event halls) with NGOs and volunteers who can collect and distribute leftover food to the needy.

**Key Features:**
- Real-time food donation posting (quantity, type, location).
- Automated notifications to nearby NGOs/volunteers.
- GPS tracking for easy pickup and delivery coordination.
- Food safety guidelines and monitoring.
- Feedback system to ensure transparency and trust

**Template:**



**To Supply Lift Over Food**

**Requiremen Gathering**
Identify food services where user data to managed and understand scenarios where users assigned
1

**Logistics & Sorfetrym**
Assess logistics for food collection and storage, and establish guidelines for safe handling and
2

**Track distribuiDrrlbution**
Facilitate the matching of excesss food with recipients and organize timely distribution
3

**Rule Implementation**
Implement backend rules that block user deletion in a food rerristribuon trom is detec ded
4

**Techimpleme #tation**
Launch a mobile app or platform for ~ real-time donation listings and coordin - ate with recipie
5

**Monitoring & Feedback**
Track distributions and collect feedback to measure impact and identify areas for refinement
6

References:

1. https://www.ideahackers.network/problem-solution-fit-canvas/
2. https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe

The project **"To Supply Leftover Food"** addresses a significant social and environmental issue related to food wastage and hunger. Every day, large quantities of edible food from restaurants, events, and households are discarded while many people struggle to get proper meals. This project aims to create a structured and reliable system to collect, manage, and redistribute surplus food to those in need.

By developing a digital platform that connects food donors with nearby NGOs and volunteers, the solution ensures that excess food reaches the right beneficiaries safely and efficiently. This initiative not only reduces food waste but also promotes community welfare, sustainability, and environmental responsibility.

With the successful implementation of real-time tracking, food safety guidelines, and coordinated logistics, the project builds a bridge between food surplus and food scarcity. Ultimately, **"To Supply Leftover Food"** lays the foundation for a smarter, more compassionate ecosystem that fights hunger, minimizes waste, and supports the global goal of "Zero Hunger" as part of sustainable development.