PROJECT DESIGN PHASE

PROBLEM – SOLUTION FIT TEMPLATE

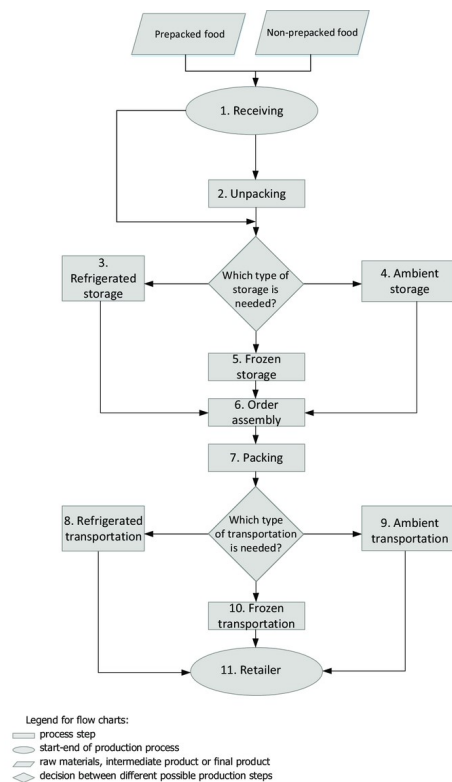| Date:	1 November 2025
Team ID:	NM2025TMID01438
Project Name:	To Supply Leftover Food to Poor
Maximum Marks:	2 Marks

Problem – Solution Fit Template:

The Problem–Solution Fit ensures that the identified problem truly exists among the target users and that the proposed solution effectively addresses it. It helps innovators understand user behaviour, test assumptions, and confirm that their solution genuinely creates value for the intended audience.

Purpose:

❑ Solve social and environmental problems in a way that meets real community needs.

❑ Build an efficient network connecting food donors, volunteers, and NGOs.

❑ Increase the reach and impact of food distribution through real-time coordination and tracking.

❑ Encourage food safety, reduce wastage, and ensure timely delivery to those in need.

❑ Understand current challenges in food donation and develop a sustainable solution to improve it.

Template:

Legend for flow charts:
- process step
- start-end of production process
- raw materials, intermediate product or final product
- decision between different possible production steps

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 to Poor"** addresses a pressing issue of **food wastage and hunger** by creating a bridge between food donors and underprivileged communities. Many restaurants, hotels, and event organizers discard large amounts of edible food daily due to lack of an efficient redistribution system.

This project provides a **smart digital platform** that allows donors to list available leftover food, automatically assigns nearby volunteers for collection, and connects them to NGOs or shelters for timely delivery. By leveraging **real-time tracking, validation checks, and alerts**, the system ensures safety, hygiene, and transparency.

The solution not only reduces food waste but also supports **social welfare and environmental sustainability**. With successful implementation, it can inspire more individuals and organizations to participate in ending hunger and promoting responsible consumption.