Project Design Phase

Problem – Solution Fit Template

Date	2 NOVEMBER 2025
Team ID	NM2025TMID08758
Project Name	To Supply Leftover Food to Poor
Maximum Mark	2 Marks

Problem – Solution Fit Template:

The Problem-Solution Fit simply means identifying a real issue faced by society and providing a technological solution that effectively addresses it. Our Salesforce-based project, "To Supply Leftover Food to Poor", focuses on streamlining surplus food collection and distribution to the needy, ensuring efficiency and transparency.

Purpose:

- To efficiently connect donors, NGOs, and volunteers through Salesforce.
- To minimize food wastage by tracking and redistributing surplus food.
- To improve transparency and accountability through real-time dashboards.
- To automate and streamline the donation process using Salesforce Flows and Triggers.
- To ensure faster communication and response time between donors and recipients

Template:

Key Features
- Cloud-Based Platform
- Mobile Acessibility
- Integration Capabilities
- Reporting & Analytics

The project leverages Salesforce's low-code tools to create a centralized system for managing leftover food distribution. It includes the creation of custom objects like Venue, Drop-Off Point, Task, Volunteer, and Execution Details. Relationships between these entities enable seamless tracking of collection, transport, and delivery activities. Dashboards and Reports provide real-time insights into NGO activities, food distribution status, and performance analytics. Salesforce Flows are used to automate the creation of Venue records, while Triggers ensure automatic assignment and distance calculations for Drop-Off Points. Public groups and sharing rules ensure that NGOs can only access relevant data based on their location and operational range, promoting data security and efficiency. Overall, the system provides a structured, transparent, and scalable solution for connecting donors with NGOs and volunteers, ensuring no surplus food goes to waste.

References:

1. https://developer.salesforce.com/signup

2. https://trailhead.salesforce.com/