Project Design Phase

Proposed Solution

Date	01 Nov 2025
Team ID	NM2025TMID07455
Project Name	To Supply Leftover Food to Poor
Maximum Marks	2 marks

Proposed Solution Template

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Large quantities of surplus food from restaurants, events, and households often go to waste while many poor and homeless people face hunger. There is no organized, technology-driven system to collect, track, and distribute leftover food efficiently and transparently.
2.	Idea / Solution Description	The project uses Salesforce to build a centralized platform connecting food donors, volunteers, and NGOs. Donors can register leftover food through a form, volunteers are automatically assigned for collection using Salesforce automation, and NGOs confirm delivery. Real-time dashboards and notifications ensure transparency and timely food distribution.
3.	Uniqueness	This project combines social welfare with cloud technology. Unlike manual collection systems, Salesforce automation (Flows, Process Builder, and Apex Triggers) ensures accurate tracking, instant communication, and complete transparency between donors, volunteers, and recipients — all in one platform.
4.	Social Impact / Customer Satisfaction	The project directly contributes to reducing food waste and hunger, ensuring that surplus food benefits the needy. It fosters collaboration between communities and organizations, creating a transparent, socially responsible, and sustainable ecosystem for food redistribution.

5.	Business Model (Revenue Model)	The project follows a non-profit model, but can be scaled into a subscription-based system for NGOs or event organizers. Sponsors or donors can fund operations through in-app donations or CSR partnerships, supporting sustainability and expansion.
6.	Scalability of the Solution	The Salesforce solution can be scaled to multiple cities and integrated with APIs for logistics or food delivery services. Additional modules like food quality check, expiry alerts, and temperature tracking can be added to improve efficiency and safety.

Solution Description

The Salesforce-based Surplus Food Distribution System streamlines the process of collecting, tracking, and delivering leftover food to poor communities. Donors register food availability, volunteers receive automatic assignments through Salesforce automation, and NGOs confirm the receipt and redistribution of food. Using custom objects, automation flows, and dashboards, the system maintains full transparency, real-time status updates, and performance analytics. This solution not only promotes social responsibility but also leverages technology to solve a critical humanitarian issue — food wastage and hunger.