PROJECT PLANNING

Date	04 november 2025
Team ID	NM2025TMID04293
Project Name	To Supply Leftover food to poor
Maximum Marks	5 Marks

Introduction :

The goal of this project is to develop a Salesforce-based application that manages the collection and distribution of leftover food from restaurants, events, and individuals to poor and needy people. The system aims to minimize food wastage by connecting donors, NGOs, and volunteers through an automated and transparent process. This application leverages Salesforce features such as custom objects, workflows, process automation, and dashboards to efficiently manage and track food donations. By ensuring real-time coordination and record management, the solution contributes to achieving social sustainability and community welfare.

Product Backlog :

The product backlog defines the primary user stories and core functionalities of the system. High-priority items include allowing donors to log leftover food details, enabling NGOs to accept and manage food pickup requests, and automating notifications for new donations. Other items include volunteer scheduling, distribution tracking, and reporting through dashboards.

Key User Stories:

- As a donor, I can register and add details of leftover food.

- As an NGO, I can view and accept nearby food donations.

- As an admin, I can monitor all food transactions and generate reports.

- As a volunteer, I can view assigned pickups and update delivery status.

Sprint Schedule :
The project will follow an agile sprint-based approach with iterative development and testing for each major module.

- Sprint 1: Setup Salesforce environment and create Donor and NGO objects.
- Sprint 2: Develop Food Donation and Distribution tracking modules.
- Sprint 3: Implement automation using Process Builder and Apex Triggers.
- Sprint 4: Design dashboards and reports for donation tracking.
- Sprint 5: Conduct testing, deploy the application, and finalize documentation.

Each sprint lasts 1–2 weeks, ensuring consistent progress, testing, and refinement based on feedback

Effort Estimation

The total estimated effort for developing the "Supply Leftover Food to Poor" application is approximately 150 hours. This includes requirement gathering, Salesforce environment setup, module development, and testing.

- **Requirement Analysis & Design – 20 hours**

- **Salesforce Setup – 10 hours**

- **Module Development (Donor, NGO, Food Donation) – 60 hours**

- **Automation & Reports – 25 hours**

- **Testing & Deployment – 20 hours**

- **Documentation & Demo Preparation – 15 hours**

Roles involved include Salesforce Developer, Administrator, Tester, and Project Manager.

Conclusion

The "Supply Leftover Food to Poor" project demonstrates how Salesforce can be used as a social impact platform. The application reduces food wastage, enhances coordination between donors and NGOs, and promotes accountability through automation and reporting. The agile development process ensures modular delivery and quality assurance at every step. Upon completion, this system will serve as a sustainable model for other communities to adopt similar social welfare initiatives.