Project Planning Phase
Project Planning (Product Backlog, Sprint Planning, Stories, Story points)

Date	27 June 2025
Team ID	LTVIP2025TMID38851
Project Name	TO SUPPLY LEFTOVER FOOD TO POOR

1.Project Goal:

Build a cloud-based application (FoodConnect) using Salesforce that enables real-time coordination between food donors, NGOs, and volunteers to redistribute leftover food efficiently and transparently.

2. Project Timeline:

Phase	Duration	Focus
Initiation & Planning	2 days	Requirement Gathering, team setup, tool selection
Sprint 1	5 days	Data Collection & Preprocessing
Sprint 2	5 days	Model Building & Deployment
Testing & Feedback	2 days	User Acceptance Testing (UAT), Bug Fixing
Final Deployment	1 day	Hosting, Dashboard setup, stakeholder handover

3. Sprint Breakdown:

Sprint 1: Data Preparation

- Epic: Data Collection & Cleaning
    - Collecting donor and volunteer data – 2 points
    - Loading data into Salesforce – 1 point
    - Handling missing values – 3 points
    - Handling categorical values – 2 points
- Total Story Points: 8

Sprint 2: Model & Deployment

- Epic: Matching Logic, Web UI, Hosting
    - Model building – 5 points
    - Model testing – 3 points
    - Creating HTML pages – 3 points
    - Flask deployment – 5 points
- Total Story Points: 16

4. Velocity:

- Total Story Points: 24
- Number of Sprints: 2
- Velocity = 24 ÷ 2 = 12 Story Points per Sprint

6. Tools & Technologies:

- **Platform**: Salesforce Lightning
- **Automation**: Apex Triggers, Lightning Flows, Sharing Rules
- **Frontend (optional)**: HTML/CSS
- **Backend**: Flask (for deployment)
- **Reporting**: Salesforce Reports & Dashboards

7. Access Control

- **Profiles**: System Admin, NGO Admin, Volunteer
- **Public Groups**: Iksha, NSS, Street Cause (NGOs)
- **Sharing Rules**: Based on distance between donor and drop-off point

8. Reporting & Monitoring

- Create reports:
    - Venue with Drop-Off and Volunteer
    - Volunteer with Execution and Tasks
- Dashboards:
    - Organization Dashboard
    - Volunteer Task Dashboard

9. Testing & Feedback

- Unit testing of triggers and flows
- User Acceptance Testing (UAT) by NGOs
- Collect feedback and apply fixes

10. Final Deployment

- Activate dashboards and flows
- Customize the Lightning home page
- Assign user roles and conduct onboarding/training

Summary:

Phase	Output
Initiation	Project scope, timeline, user roles defined
Sprint 1	Cleaned & loaded food and volunteer data
Sprint 2	Working app logic, Flask deployment, basic UI
Testing	Verified workflows and data visibility
Deployment	Dashboards activated, solution live for use