

Project Planning Phase

Project Planning Template

Date: 30 October 2025

Team ID: NM2025TMID01177

Project Name: To supply leftover food and poor

Maximum Marks: 5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|-----------|-------------------------------|-------------------|--|--------------|----------|--------------|
| Sprint- 1 | Donor Management | USN-1 | As an admin, I can register food donors (restaurants, events, households) to contribute leftover food. | 3 | High | A. Ramesh |
| Sprint- 1 | Volunteer Coordination | USN-2 | As an admin, I can assign volunteers to collect food from registered donors. | 3 | High | S. Priya |
| Sprint- 2 | Food Distribution | USN-3 | As a volunteer, I can deliver collected food to nearby poor communities safely. | 4 | High | M. Naveen |
| Sprint- 2 | Tracking & Monitoring | USN-4 | As a manager, I can track food pickups and deliveries in real-time. | 4 | High | V. Keerthi |
| Sprint- 3 | Feedback & Reporting | USN-5 | As a user, I can provide feedback and view reports on food distribution impact. | 3 | Medium | A. Ramesh |
| Sprint- 3 | Documentation | USN-6 | As a developer, I will document the architecture, planning, and implementation details for submission. | 2 | Medium | S. Priya |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| Sprint-1 | 20 | 6 Days | 01 Oct 2025 | 06 Oct 2025 | 20 | 06 Oct 2025 |
| Sprint-2 | 20 | 6 Days | 07 Oct 2025 | 12 Oct 2025 | 20 | 12 Oct 2025 |
| Sprint-3 | 20 | 6 Days | 13 Oct 2025 | 18 Oct 2025 | 19 | 18 Oct 2025 |
| Sprint-4 | 20 | 6 Days | 19 Oct 2025 | 24 Oct 2025 | 20 | 24 Oct 2025 |

Velocity

Average Velocity = (Total Story Points Completed) / (Total Duration in Days)

Total: 79 points over 24 days → **Velocity = 3.29 points/day**

Burndown Chart Explanation

A burndown chart visually tracks the remaining work versus time throughout the sprints. It helps ensure that food collection, distribution, and tracking modules progress smoothly and all sprint goals for “*To supply leftover food and poor*” are completed on schedule.