

## 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)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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.