Project Planning

Date	07 NOV 2025
Team ID	NM2025TMID06803
Project Name	TO SUPPLY LEFTOVER FOOD TO POOR
Maximum Marks	4 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 Registration	USN-1	As a restaurant owner, I can register to donate leftover food with details such as food type and quantity.	3	High	Team Member 1
Sprint-1	NGO/Volunteer Registration	USN-2	As an NGO, I can register to receive food donations and manage volunteer participation.	2	High	Team Member 2
Sprint-2	Food Listing & Availability	USN-3	As a donor, I can list available food items and set a pickup time to notify volunteers.	4	High	Team Member 3
Sprint-2	Notification Module	USN-4	As a volunteer, I should receive notifications about available food near my location.	3	Medium	Team Member 4
Sprint-3	Food Pickup & Delivery	USN-5	As a volunteer, I can accept pickup requests, collect food, and mark delivery status.	4	High	Team Member 2
Sprint-3	Food Quality Verification	USN-6	As an NGO coordinator, I can verify the food quality before it is distributed to the poor.	3	Medium	Team Member 1
Sprint-4	Reporting & Feedback	USN-7	As an admin, I can view reports on donations, deliveries, and volunteer feedback.	2	Low	Team Member 3

| Sprint-4 | Documentation | USN-8 | As a developer, I want to prepare final reports, architecture diagrams, and user manuals. | 2 | Medium | Team Member 4 |

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	10	5 Days	1 NOV 2025	5 NOV 2025	10	5 NOV 2025
Sprint-2	12	5 Days	6 NOV 2025	10 NOV 2025	12	10 NOV 2025
Sprint-3	11	5 Days	11 NOV 2025	15 NOV 2025	10	15 NOV 2025
Sprint-4	8	5 Days	16 NOV 2025	20 NOV 2025	8	20 NOV 2025

Velocity

Average Velocity = (Total Story Points Completed) / (Total Duration in Days) Total = 40 Story Points over 20 Days → **Velocity = 2.0 Story Points/Day**

Burndown Chart Explanation:

A **burndown chart** represents the work remaining versus time.
For this project, each sprint's progress is tracked daily to ensure consistent productivity and early identification of potential delays.

The chart demonstrates that the project is **on schedule**, with a consistent reduction of pending story points across all sprints — confirming efficient planning and teamwork.

Reference:

https://www.atlassian.com/agile/tutorials/burndown-charts https://www.visual-paradigm.com/scrum/what-is-agile-software-development/