Project Planning Phase

Date: 31 October 2025

Team ID: NM2025TMID02077

Project Name: Supply Leftover Food to Poor People

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Food Collection	USN-1	As a volunteer, I can register food donors (restaurants, homes) in the system.	3	High	-
Sprint-1	Food Pickup	USN-2	As a delivery volunteer, I can schedule pickup of leftover food from registered donors.	3	High	-
Sprint-2	Food Distribution	USN-3	As a system admin, I can assign food deliveries to nearby poor localities or NGOs.	4	High	-
Sprint-2	Tracking System	USN-4	As a user, I can track the status of food pickup	3	Medium	-

Sprint	Category	USN	User Story	Story Points	Priority	
			and delivery in real-time.			
Sprint-3	Notifications	USN-5	As a user, I receive SMS/Email alerts about food availability and delivery.	2	Medium	-
Sprint-3	Testing & Documentation	USN-6	As a developer, I test and document all modules for final submission.	3	Medium	-

Project Tracker, Velocity & Burndown Chart

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	20	6 Days	01 June 2025	06 June 2025	20	06 June 2025
Sprint-2	20	6 Days	07 June 2025	12 June 2025	20	12 June 2025
Sprint-3	20	6 Days	13 June 2025	18 June 2025	19	18 June 2025
Sprint-4	20	6 Days	19 June 2025	25 June 2025	20	25 June 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:
A burndown chart visually represents the remaining work (in story points) against time. It helps track sprint progress and ensure project completion as per schedule.

References:
https://www.atlassian.com/agile/tutorials/sprints
https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/project-management/estimation