

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	01 Nov 2025
Team ID	NM2025TMID09002
Project Name	To Supply Leftover Food to Poor
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Food Collection	USN-1	As a donor, I can register leftover food with quantity and pickup location.	3	High	Yogeshwaran M
Sprint-1	Food Collection	USN-2	As a donor, I can update food availability status before pickup.	2	Medium	Ramsanjeev R
Sprint-2	Volunteer Assignment	USN-3	As a volunteer, I can view pending food requests and accept pickup tasks.	4	High	Mohamed Jamees K
Sprint-2	Volunteer Assignment	USN-4	As a volunteer, I can update delivery status after drop-off at NGO.	3	High	Yugesh Kumar A
Sprint-3	NGO / Receiver Module	USN-5	As an NGO, I can confirm received food and record distribution details.	4	Medium	Mohamed Jamees K

Sprint-3	NGO / Receiver Module	USN-6	As an NGO, I can rate donors and volunteers based on service quality.	3	Low	Ramsanjeev R
Sprint-4	Admin & Analytics	USN-7	As an admin, I can view analytics of food donated and delivered by location/date.	4	High	Yogeshwaran M
Sprint-4	Admin & Analytics	USN-8	I can export monthly reports of donations and deliveries.	3	Medium	Yugesh Kumar A

#### 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	3 Days	23 Oct 2025	25 Oct 2025	20	25 Oct 2025
Sprint-2	20	3 Days	26 Oct 2025	28 Oct 2025	20	28 Oct 2025
Sprint-3	20	3 Days	29 Oct 2025	31 Oct 2025	19	31 Oct 2025
Sprint-4	20	2 Days	01 Nov 2025	02 Nov 2025	20	02 Nov 2025

# Velocity

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

Total: 79 points over 11 days → Velocity = 7.18 points/day

## Burndown Chart:

A burndown chart is a graphical representation of the remaining work (in story points) against time. It is commonly used in Scrum to track sprint progress and predict project completion.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

## Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>