

## Project Planning Phase

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

Date	30 OCT 2025
Team ID	NM2025TMID00011
Project Name	To Supply Left Over 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	Donor Management	USN-1	As an admin, I can register donors (restaurants, events, households) who want to supply leftover food.	2	High	M.Madhumitha
Sprint-1	NGO/Volunteer Registration	USN-2	As an admin, I can add NGOs and volunteers who will collect and distribute food.	2	High	G.Archana
Sprint-2	Food Listing & Matching System	USN-3	As a donor, I can list available leftover food, and the system should automatically match it with nearby NGOs/volunteers.	4	High	K.Nandhini
Sprint-2	Notification & Tracking	USN-4	As a tester, I should verify that deletion is blocked for assigned users. As a volunteer, I should receive real-time notifications for pickup and track delivery progress.	3	High	C.Haripriya

Sprint-2	Testing & Feedback	USN-5	As a tester, I should verify that all modules (donor, NGO, and volunteer) are working correctly and collect feedback for improvement.	2	Medium	M.Kaleeswari
Sprint-3	Documentation	USN-6	As a developer, I want to document the architecture, design, and development phases for project submission.	3	Medium	M.Madhumitha

**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	20 Sep 2025	21 Oct 2025	20	20 Oct 2025
Sprint-2	20	6 Days	24 Sep 2025	25 Oct 2025	20	25 Oct 2025
Sprint-3	20	6 Days	27 Sep 2025	26 Oct 2025	19	27 Oct 2025
Sprint-4	20	6 Days	30 Sep 2025	30 Oct 2025	20	30 Oct 2025

## Velocity

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

Total: 16 points over 9 days → **Velocity = 1.78 points/day**

### Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

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

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

### References

- <https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>
- <https://www.atlassian.com/agile/tutorials/burndown-charts>
- <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/epics>
- <https://www.atlassian.com/agile/tutorials/sprints>
- <https://www.atlassian.com/agile/project-management/estimation>