

Project Planning Phase

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

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|---------------|---------------------------------|
| 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 |

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|----------|-----------------------|-------|---|---|--------|----------------|
| 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/>