# Project Planning Phase
## Project PlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

| Date | 01 Nov 2025 |
|---|---|
| Team ID | NM2025TMID07455 |
| Project Name | To Supply leftover food to poor |
| Maximum Marks | 5Marks |

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

Use the low template to create product back log and sprint schedule

| Sprint | Functional Requirement(Epic) | User Story Number | User Story/ Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Food Source Registration | USN-1 | As an admin, I can register restaurants, hotels, and event organizers willing to donate leftover food.. | 3 | High | S.Susmitha |
| Sprint-1 | NGO/Volunteer Registration | USN-2 | As an NGO or volunteer, I can register to collect and distribute leftover food to the needy. | 2 | High | S.Kaladevi |
| Sprint-2 | Food Availability Notification | USN-3 | As a donor, I can post available leftover food with location and pickup time.. | 4 | High | J.Shivaniha |
| Sprint-2 | Pickup Scheduling | USN-4 | As a volunteer, I can view available donations and schedule pickup through the app. | 3 | High | G.Kiruthika |
| Sprint-3 | Tracking & Delivery Confirmation | USN-5 | As an admin, I can track food delivery status and confirm that it reached the NGO or recipients. | 3 | Medium | M.Kalaiselvi |
| Sprint-3 | Feedback System | USN-6 | As a user (NGO or donor), I can give feedback about the pickup and food quality. | 2 | Medium | S.Susmitha |
| Sprint-4 | Documentation | USN-7 | As a developer, I will prepare documentation for system architecture, modules, and sprint progress. | 3 | Medium | S.Kaladevi |

**Project Tracker, Velocity & Burndown Chart:(4Marks)**

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed(ason Planned End Date) | Sprint Release Date (Actual) |
|---|---|---|---|---|---|---|
| Sprint-1 | 10 | 2Days | 23 Oct 2025 | 24 Oct 2025 | 10 | 24 Oct 2025 |
| Sprint-2 | 12 | 2Days | 25 Oct 2025 | 26 Oct 2025 | 12 | 26 Oct 2025 |
| Sprint-3 | 10 | 2Days | 27 Oct 2025 | 28 Oct 2025 | 9 | 28 Oct 2025 |
| Sprint-4 | 8 | 2Days | 29 Oct 2025 | 28 Oct 2025 | 8 | 28 Oct 2025 |

# Velocity

Average Velocity = (Total Story Points Completed) / (Total Duration in Days)
= (39 Story Points) / (8 Days)
= **4.88 Points per Day**

## Burn down Chart:

A Burn down Chart shows the amount of work remaining against time for the "To Supply Leftover Food to Poor" project. It helps track sprint progress and ensure tasks are completed within the planned duration.
As sprints progress, story points reduce from total backlog to zero as tasks are completed and validate

**Reference:**

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

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

- https://www.visual-paradigm.com/scrum/what-is-agile-software-development/

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