

Project Planning Phase

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

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|---------------|---------------------------------|
| Date | 2/11/25 |
| Team ID | NM2025TMID05656 |
| Project Name | Garage Management system |
| 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 | Customer Management | USN-1 | As an admin, I can add and manage customer records with contact details. | 2 | High | Nisha P |
| Sprint-1 | Vehicle Management | USN-2 | As an admin, I can link vehicles to customers and record vehicle details. | 2 | High | Padmavathy S |
| Sprint-2 | Service Record Creation | USN-3 | As a service advisor, I can create and update service job cards with assigned mechanics. | 4 | High | Pavithra P |
| Sprint-2 | Billing & Invoice | USN-4 | As an accountant, I can generate and view bills for completed services. | 3 | High | Rahini K |

| | | | | | | |
|----------|---------------------------|-------|--|---|--------|--------------|
| | Generation | | | | | |
| Sprint-3 | Inventory Management | USN-5 | As a storekeeper, I can track spare parts usage and availability. | 2 | Medium | Nisha P |
| Sprint-3 | Reporting & Documentation | USN-6 | As a developer, I can generate reports and document architecture for project submission. | 3 | Medium | Padmavathy S |

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 | 01 Oct 2025 | 06 Oct 2025 | 20 | 06 Oct 2025 |
| Sprint-2 | 20 | 6 Days | 07 Oct 2025 | 12 Oct 2025 | 20 | 12 Oct 2025 |
| Sprint-3 | 20 | 6 Days | 13 Oct 2025 | 18 Oct 2025 | 19 | 18 Oct 2025 |
| Sprint-4 | 20 | 6 Days | 19 Oct 2025 | 24 Oct 2025 | 20 | 24 Oct 2025 |

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>

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