

## **Project Planning Phase**

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

Date	02/11/25
Team ID	NM2025TMID03021
Project Name	<b>Garage Management system</b>
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	Harini K
Sprint-1	Vehicle Management	USN-2	As an admin, I can link vehicles to customers and record vehicle details.	2	High	Devipriya 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	Gopika J
Sprint-2	Billing & Invoice	USN-4	As an accountant, I can generate and view bills for completed services.	3	High	Epsiba A

	Generation					
Sprint-3	Inventory Management	USN-5	As a storekeeper, I can track spare parts usage and availability.	2	Medium	Gopika J
Sprint-3	Reporting & Documentation	USN-6	As a developer, I can generate reports and document architecture for project submission.	3	Medium	Epsiba 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	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>