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

Date	1 NOV 2025
Team ID	NM2025TMID04024
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	Vehicle Registration	USN-1	As an admin, I can register new vehicles with owner details.	3	High	T. Keerthana
Sprint-1	Mechanic Assignment	USN-2	As an admin, I can assign mechanics to repair jobs.	2	High	N. Vishwa Roobini
Sprint-2	Job Tracking	USN-3	As a mechanic, I can update the job status (e.g., in progress, completed).	3	High	S. Bala Mahalakshmi
Sprint-2	Billing & Invoice	USN-4	As an admin, I can generate bills based on completed jobs.	4	High	P. Ishani
Sprint-3	Login & Authentication	USN-5	As a user, I can log in securely to access my dashboard.	2	Medium	T. Keerthana

| Sprint-3 | Reporting | USN-6 | As an admin, I can generate reports of daily and monthly revenue. | 3 | Medium | N. Vishwa Roobini |
| Sprint-4 | Documentation | USN-7 | As a developer, I will document system design and test cases. | 2 | Medium | S. Bala Mahalakshmi |

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	2 Days	24 Oct 2025	26 Oct 2025	20	26 Oct 2025
Sprint-2	20	3 Days	27 Oct 2025	28 Oct 2025	19	28 Oct 2025
Sprint-3	20	2 Days	29 Oct 2025	30 Oct 2025	18	30 Oct 2025
Sprint-4	20	3 Days	31 Oct 2025	02 Nov 2025	20	02 Nov 2025

Velocity :

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

Total = 77 Story Points over 24 Days
Velocity = 3.2 points/day

Burndown Chart:

1. A burndown chart is a graphical representation of the remaining work versus time.
2. It shows how quickly the team is completing the user stories across sprints in the **Garage Management System** project. The chart helps monitor progress, predict completion, and ensure timely delivery.