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

Date	1 NOV 2025
Team ID	NM2025TMID02844
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	GMS-1	As an admin, I can create and manage customer records with email and phone validation.	2	High	U. Gopika
Sprint-1	Appointment Scheduling	GMS-2	As a user, I can schedule appointments with unique vehicle number validation.	3	High	J. Ilakhya

Sprint-2	Service Record Management	GMS-3	As a service staff, I can create and track service records linked to appointments.	4	High	S. Dharihasree
Sprint-2	Billing & Feedback	GMS-4	As a cashier, I can generate bills, update payment status, and collect customer feedback.	3	High	G. Kaviyasri
Sprint-3	Automation & Validation	GMS-5	As a system admin, I can automate status updates and restrict invalid data using Flows and Validation Rules.	4	Medium	U. Gopika
Sprint-3	Dashboard & Reports	GMS-6	As a manager, I can view service information through reports and dashboards for decision-making.	3	Medium	J. Ilakhya
Sprint-4	Testing & Documentation	GMS-7	As a tester, I can verify the functionalities and document the entire development process for submission	3	Medium	All members

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

Sprint	Total Story Points	Duration	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	20	05 June 2025
Sprint-2	20	6 Days	20	11 June 2025
Sprint-3	20	6 Days	19	18 June 2025
Sprint-4	20	6 Days	20	25 June 2025

Velocity

Average velocity = (Total Story Points Completed) / (Total Duration in Days)   Total: 79

points over 24 days → **Velocity = 3.29 points/day**

Burndown Chart:

The Burndown Chart represents the progress of completed story points over time. It visually tracks the remaining work (Y-axis) against time (X-axis) for each sprint. At the start of each sprint, total story points are plotted.

As tasks are completed, the chart "burns down" toward zero.

For this project, all sprints followed a steady downward trajectory, indicating consistent progress and on-time completion. The Burndown Chart helps visualize:

Total remaining workload

Daily completion rate

Team efficiency and sprint predictability

References:

Atlassian Agile Tutorials

Salesforce Agile Accelerator

Scrum & Sprint Management – Visual Paradigm