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

Date	2 November 2025
Team ID	NM2025TMID04605
Project Name	Optimizing User, Group, and Role Management with Access Control and Workflows
Maximum Marks	5 Marks

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

1. Product Backlog & Sprint Schedule Table

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User & Role Management	USN-1	As an admin, I can define and assign roles (Project Manager, Team Member)	2	High	A.Sahana
Sprint-1	Access Control	USN-2	As a user, I can view and access only those tasks assigned to my role	2	High	M.Mani Mala
Sprint-1	Task Assignment	USN-3	As a Project Manager, I can create and assign tasks to users based on roles	2	High	M.R.Sandya
Sprint-2	Workflow Implementation	USN-4	As a user, I can update the status of assigned tasks (e.g., In Progress, Done)	2	Medium	Y. jenica judith

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Notifications	USN-5	As a user, I receive notifications when task status is updated or reassigned	1	Medium.	J.L.Epratha
Sprint-2	Reporting & Tracking	USN-6	As a Project Manager, I can view progress reports and team performance summaries	2	High	M.Mani Mala
Sprint-3	Role Editing	USN-7	As an admin, I can update user roles and permissions when required	1	Low	Y. jenica judith
Sprint-3	Audit Trail	USN-8	As an admin, I can view a history of changes made to roles and tasks	1	Low	M.R.Sandya

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	8	5 Days	21 Oct 2025	21 Oct 2025	8	21 Oct 2025
Sprint-2	6	5 Days	26 Oct 2025	26 Oct 2025	6	26 Oct 2025
Sprint-3	5	5 Days	1 Nov 2025	1 Nov 2025	5	1 Nov 2025

Velocity:
Average of Sprint-1, Sprint-2, and Sprint-3 = (6 + 8 + 8) /3 = 7.33 story points per sprint

Velocity per Day:
Total Story Points Completed = 22
Total Sprint Days = 15
Velocity = 22 15 = 1.47 story points per day

Burndown Chart:

Here is the Burndown Chart for the Automated Car Catalog System project:

Ideal Burndown Line represents the planned linear progress across the sprint duration.

Actual Burndown Line shows the actual progress made by the team during the sprints.