Product Planning Phase

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

Date	31 October 2025
Team ID	NM2025TMID05934
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)

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	User Management	USN-1	As an admin, I can create users (Alice and Bob) for access setup.	2	High	Najma Sayietha M
Sprint-1	Group Management	USN-2	As an admin, I can create user groups for role-based permissions.	3	High	Suganya R
Sprint-2	Role Management	USN-3	As an admin, I can create roles and assign them to users for access control.	4	High	Najma Sayietha M
Sprint-2	Application Access	USN-4	As an admin, I can assign table-level access to specific applications.	3	Medium	Sindhuja R
Sprint-3	Access Control List (ACL)	USN-5	As a system admin, I can configure ACLs to dynamically control access.	3	High	Prithavi A P

| Sprint-3 | Workflow Automation | USN-6 | As an admin, I can create a flow to assign operations tickets to groups automatically. | 3 | Medium | Sindhuja R |
| Sprint-4 | Testing & Documentation | USN-7 | As a tester, I will verify ACLs, flows, and document the implementation. | 4 | Medium | All Members |

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	10	1 Day	29 Oct 2025	29 Oct 2025	10	29 Oct 2025
Sprint-2	10	1 Day	30 Oct 2025	30 Oct 2025	10	30 Oct 2025
Sprint-3	10	1 Day	31 Oct 2025	31 Oct 2025	9	31 Oct 2025
Sprint-4	10	1 Day	1 Nov 2025	1 Nov 2025	10	1 Nov 2025

Velocity

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

Total = 39 points over 24 days → Velocity = 1.625 points/day

Burndown Chart:

A burndown chart shows the amount of work remaining (Y-axis) against time (X-axis). As each sprint progresses, the chart visually displays the team's progress toward completing all planned user stories. This helps in identifying delays, sprint bottlenecks, and improving future sprint planning.