Product Planning Phase

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

Date	01 NOV 2025
Team ID	NM2025TMID01979
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	Bhuvaneshwaran Alais Barath R P
Sprint-1	Group Management	USN-2	As an admin, I can create user groups for role-based permissions.	3	High	Varun Akash C
Sprint-2	Role Management	USN-3	As an admin, I can create roles and assign them to users for access control.	4	High	Arokia Mardon M
Sprint-2	Application Access	USN-4	As an admin, I can assign table-level access to specific applications.	3	Medium	Bhuvaneshwaran Alais Barath R P
Sprint-3	Access Control List (ACL)	USN-5	As a system admin, I can configure ACLs to dynamically control access.	3	High	Varun Akash C

Sprint-3	Workflow Automation	USN-6	As an admin, I can create a flow to assign operations tickets to groups automatically.	3	Medium	Arokia Mardon M
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	6 Days	01 Nov 2025	06 Nov 2025	10	06 Nov 2025
Sprint-2	10	6 Days	07 Nov 2025	12 Nov 2025	10	12 Nov 2025
Sprint-3	10	6 Days	13 Nov 2025	18 Nov 2025	9	18 Nov 2025
Sprint-4	10	6 Days	19 Nov 2025	24 Nov 2025	10	24 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.