📇 Project Metadata

Item	Details
Date	02 November 2025
Team ID	NM2025TMID00980
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)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Group Assignment	USN-2	As an admin, I can assign users to groups based on department or title.	3	High	Alice
Sprint-2	ACL Configuration	USN-4	As a developer, I will configure ACLs to restrict access based on roles.	4	High	Bob
Sprint-3	Workflow Automation	USN-5	As a developer, I will build a flow to trigger provisioning and notifications.	3	Medium	Alice
Sprint-3	Testing & Validation	USN-6	As a tester, I will impersonate users to validate ACLs and role logic.	3	Medium	Bob

📊 **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
Sprint-1	20	6 Days	01 Oct 2025	06 Oct 2025	20	06 Oct 2025
Sprint-2	20	6 Days	07 Oct 2025	12 Oct 2025	20	12 Oct 2025
Sprint-3	20	6 Days	13 Oct 2025	18 Oct 2025	19	18 Oct 2025
Sprint-4	20	6 Days	19 Oct 2025	24 Oct 2025	20	24 Oct 2025

⚡ **Velocity**

Average Velocity = Total Story Points Completed / Total Duration
= (79 points / 24 days) → **3.29 points/day**

📉 **Burndown Chart**

A burndown chart tracks remaining work against time. It helps visualize sprint progress and identify scope creep or delays. For this project, the chart showed consistent completion across all sprints, with minor deviation in Sprint-3 due to extended validation.

🔗 **References**

- [Atlassian Agile Tutorials](#)

- [Scrum Burndown Chart Guide](#)

- [Agile Estimation Techniques](#)