

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

Date	01 November 2025
Team ID	NM2025TMID05884
Project Name	Optimizing User, Group, and Role Management with Access Control and Workflows
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Management Form	USN-1	As an admin, I want to create and manage user profiles through a single online form so that user details can be maintained accurately and efficiently.	3	High	Santhosh Kumar K
Sprint-1	Dynamic Role Assignment	USN-2	As an administrator, I want roles to be assigned dynamically based on user type or department so that permissions remain consistent and secure.	3	High	Santhosh Kumar K
Sprint-2	Group Creation & Linking	USN-3	As a system user, I want to create groups and link them to specific roles or departments to simplify access management.	2	Medium	Anandhakumar V M
Sprint-2	Access Control Rules	USN-4	As a security officer, I want access control rules to restrict unauthorized actions so that sensitive data is protected.	4	High	Udhaya Dharani M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Approval Workflow	USN-5	As a manager, I want to approve or reject user access requests through an automated workflow to ensure timely and compliant access provisioning.	4	High	Praveen Kumar R
Sprint-3	Testing and Validation	USN-6	As a tester, I want to validate role assignments and workflows under different scenarios so that the system runs without errors.	3	Medium	Anandhakumar V M
Sprint-4	Documentation & Audit	USN-7	As a system admin, I want to document all configuration changes and maintain version control for governance and audit compliance.	2	Medium	Udhaya Dharani M

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (Planned End Date)	Sprint Release Date (Actual)
Sprint-1	6	2 Days	24 Oct 2025	25 Oct 2025	6	25 Oct 2025
Sprint-2	6	2 Days	26 Oct 2025	27 Oct 2025	6	27 Oct 2025
Sprint-3	7	2 Days	28 Oct 2025	29 Oct 2025	7	29 Oct 2025
Sprint-4	2	2 Days	30 Oct 2025	31 Oct 2025	2	31 Oct 2025

Velocity:

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

Total: 21 points over 8 days → **Velocity = 2.625 points/day**

Burndown Chart:

A burndown chart visually represents remaining work versus time during each sprint. It helps track progress and ensures timely delivery.

