

# Project Planning Phase

## Project Planning Template

### (Product Backlog, Sprint Planning, Stories, Story points)

Date	31 October 2025
Team ID	NM2025TMID06082
Project Name	Optimizing user, group and role management with access control and workflow
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 Creation	USN-1	As an admin, I can create and manage user accounts efficiently.	2	High	K. Ragavi
Sprint-1	Role Assignment	USN-2	As an admin, I can assign specific roles and permissions to users.	3	High	T. Sarega Subbulakshmi
Sprint-2	Group Management	USN-3	As a system admin, I can organize users into groups for easier access control.	3	High	A. Eswari Dino
Sprint-2	Access Control Rules	USN-4	As an admin, I can configure	4	High	Vinu Debbisan

			access control rules to protect sensitive data.			
Sprint-3	Workflow Automation	USN-5	As a developer, I can automate approval workflows for user and role requests.	3	Medium	K. Ragavi
Sprint-3	Reporting & Review	USN-6	As a manager, I can review user activity reports and audit access logs.	2	Medium	A. Eswari Dino

## Velocity

Average velocity = (Total Story Points Completed) / (Total Duration in Days)  
 $= (46 / 20) = \mathbf{2.3 \text{ points/day}}$

## Burndown chart

A burndown chart visually tracks the remaining work (story points) against time across sprints.

It helps monitor the progress of optimizing access control, user roles, and workflow automation—ensuring each sprint achieves targeted efficiency and system performance.

