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

Date	2 November 2025
Team ID	NM2025TMID06605
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	User and Group Management	USN-1	As an admin, I can create and manage users and groups for role assignment.	3	High	N. Durga Mahendra
Sprint-1	Access Workflow Setup	USN-2	As a system admin, I can configure automated workflows for user access approvals.	4	High	R.S.S. Manoj
Sprint-2	Role Configuration	USN-3	As a developer, I can implement role-based access control (RBAC) logic.	4	High	O. Sravani

Sprint-2	Access Control Validation	USN-4	As a tester, I can verify that users only have access according to	3	Medium	N. Gowtham

			their assigned roles.			
Sprint-3	Dashboard Integration	USN-5	As a manager, I can monitor access levels and workflow activities from a dashboard.	3	Medium	N. Durga Mahendra
Sprint-3	Audit Logging	USN-6	As a security analyst, I can view audit logs for tracking user and role changes.	3	Medium	R.S.S. Manoj
Sprint-4	Documentation	USN-7	As a developer, I will document workflow processes, architecture, and role configurations.	2	Low	O. Sravani

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	20	6 Days	31 May 2025	05 June 2025	20
Sprint-2	20	6 Days	06 June 2025	11 June 2025	19
Sprint-3	20	6 Days	12 June 2025	18 June 2025	20
Sprint-4	20	6 Days	19 June 2025	25 June 2025	20

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

Example: 79 points over 24 days → Velocity = 3.29
points/day. Burndown Chart:

References:
1. **https://www.atlassian.com/agile/tutorials/sprints**
2. **https://www.atlassian.com/agile/project-management/estimation**
3. **https://www.visual-paradigm.com/scrum/scrum-burndown-chart/**