

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

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|---------------|---|
| 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 |

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|----------|---------------------|-------|---|---|--------|-------------------|
| | | | 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) = **2.3 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.

