# Project Planning

Date: 28 June 2025

Team ID: LTVIP2025TMID28676

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 | Access Control Setup | USR-1 | As a manager, I want to define roles (Admin, Manager, Member) to assign responsibilities clearly. | 3 | High | Alice |
| Sprint-1 | Access Control Setup | USR-2 | As a manager, I want to assign users to roles so they can only access allowed features. | 3 | High | Alice |
| Sprint-1 | Workflow Definition | USR-3 | As a team, we need to create a basic project task lifecycle (To Do → Doing → Done). | 2 | Medium | Bob |
| Sprint-1 | Task Tracking | USR-4 | As a manager, I want to track who created/modified tasks to maintain accountability. | 2 | High | Alice, Bob |
| Sprint-2 | UI for Role Assignment | USR-5 | As a user, I want an interface to view and assign roles to other users. | 3 | High | Bob |
| Sprint-2 | Role Enforcement | USR-6 | As a system, I should restrict access based on assigned roles. | 4 | High | Alice, Bob |
| Sprint-2 | Task Workflow Actions | USR-7 | As a user, I can move tasks across workflow stages (To Do → Doing → Done). | 3 | Medium | Bob |
| Sprint-2 | Audit Log | USR-8 | As a manager, I want to generate audit logs for all role and task-related activities. | 3 | Medium | Alice |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) |
| Sprint-1 | 10 | 5 Days | 01 July 2025 | 05 July 2025 | 10 |
| Sprint-2 | 13 | 5 Days | 07 July 2025 | 11 July 2025 |  |

Velocity:  
Total Story Points = 10 (Sprint-1) + 13 (Sprint-2) = 23  
Number of Sprints = 2  
Velocity = 23 / 2 = 11.5 Story Points per Sprint

Burndown Chart:  
A burn down chart will be created after Sprint-1 to track remaining story points across days.  
Use tools like Atlassian Burndown Tool or Visual Paradigm for chart generation.