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

Date	05 February 2026
Team ID	LTVIP2026TMIDS60803
Project Name	Optimizing User, Group & 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 Management	USN-1	As an Admin, I can create new users in the system	3	High	Team
Sprint-1	User Management	USN-2	As an Admin, I can assign roles to users	3	High	Team
Sprint-1	Group Management	USN-3	As an Admin, I can create user groups	2	Medium	Team
Sprint-1	Access Control	USN-4	As an Admin, I can configure ACL for role-based access	5	High	Team
Sprint-1	Authentication	USN-5	As a user, I can log in securely using credentials	2	High	Team
Sprint-1	Dashboard	USN-6	As a user, I can view dashboard based on role	5	Medium	Team

Total Story Points – Sprint 1 = 20

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Task Management	USN-7	As a Project Manager, I can create tasks	3	High	Team
Sprint-2	Task Management	USN-8	As a Project Manager, I can assign tasks to team members	3	High	Team
Sprint-2	Workflow Automation	USN-9	As a system, task status changes follow workflow	5	High	Team
Sprint-2	Approval Process	USN-10	As a Manager, I can approve or reject tasks	5	Medium	Team
Sprint-2	Notifications	USN-11	As a user, I receive email notifications on updates	2	Medium	Team
Sprint-2	Audit	USN-12	As an Admin, I can track audit logs	2	Low	Team

Total Story Points – Sprint 2 = 20

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Reporting	USN-13	As an Admin, I can generate system reports	5	High	Team
Sprint-3	Performance	USN-14	As a user, system loads efficiently	5	Medium	Team
Sprint-3	Security	USN-15	As Admin, I can enforce password policies	5	High	Team
Sprint-3	UI Enhancement	USN-16	As user, I can experience improved UI	5	Low	Team

Total Story Points – Sprint 3 = 20

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Integration	USN-17	As Admin, I can integrate system with other modules	5	Medium	Team
Sprint-4	Data Backup	USN-18	As Admin, system data is backed up securely	5	High	Team
Sprint-4	Monitoring	USN-19	As Admin, I can monitor system usage	5	Medium	Team
Sprint-4	Final Testing	USN-20	As Team, we perform system testing & bug fixing	5	High	Team

Total Story Points – Sprint 4 = 20

Project Tracker (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	20	4 Days	05 Feb 2026	08 Feb 2026	20	08 Feb 2026
Sprint-2	20	4 Days	09 Feb 2026	12 Feb 2026	20	12 Feb 2026
Sprint-3	20	3 Days	13 Feb 2026	15 Feb 2026	20	15 Feb 2026
Sprint-4	20	3 Days	16 Feb 2026	18 Feb 2026	20	18 Feb 2026

Velocity Calculation

Total Story Points = 80
Total Working Days = 14 Days

Average Velocity per Day:

80 ÷ 14 = **5.7 ≈ 6 Story Points per Day**

Burndown Chart Explanation (For Writing Section)

A **Burndown Chart** is a graphical representation of the work remaining versus time in a sprint. It is commonly used in Agile and Scrum methodologies to track project progress and ensure timely completion of tasks.

Key Components:

- **X-axis** → Represents Sprint Days (Time)
- **Y-axis** → Represents Remaining Story Points (Work Left)

The chart shows how quickly the team is completing the assigned work during the sprint.

📊 Example: Sprint-1 (20 Story Points, 6 Days)

Day	Remaining Story Points
Day 1	20

Day	Remaining Story Points
Day 2	17
Day 3	14
Day 4	10
Day 5	5
Day 6	0

The chart gradually declines to zero, showing work completion over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts