

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

Date	01 November 2025
Team ID	NM2025TMID06932
Project Title	Optimizing Users, Group and Role Management with Access control and Workflows
Maximum Mark	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 Role Creation	USN-1	As an admin, I can create users and assign them specific roles and groups.	2	High	Asha Choudhary
Sprint-1	Table Configuration	USN-2	As an admin, I can create project and task tables with required fields.	3	High	Asha choudhary
Sprint-2	Access Control Implementation	USN-3	As a developer, I can define ACLs for project and task tables to secure access based on roles.	4	High	Sanjevi Sree
Sprint-2	Role Assignment	USN-4	As an admin, I can assign table-specific roles (u_task_table, u_project_table) to users.	3	High	Asha Choudhary
Sprint-3	Workflow Automation	USN-5	As a system admin, I can trigger a workflow when a task is created or updated.	4	High	Yogarani
Sprint-3	Approval Flow Setup	USN-6	As a project manager, I can receive and approve requests through Flow Designer.	3	High	Sanjevi Sree
Sprint-4	Testing and Validation	USN-7	As a tester, I can verify that workflows trigger correctly and approvals update task records.	3	Medium	Sopana Swetha
Sprint-4	Documentation	USN-8	As a developer, I can document the setup, ACLs, workflows, and user stories for submission.	2	Medium	Sanjevi Sree

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 Release Date (Actual)
Sprint-1	10	6 Days	01 NOV 2025	06 NOV 2025	10	06 NOV 2025
Sprint-2	10	6 Days	07 NOV 2025	12 NOV 2025	10	12 NOV 2025
Sprint-3	10	6 Days	13 NOV 2025	18 NOV 2025	9	18 NOV 2025
Sprint-4	10	6 Days	19 NOV 2025	24 NOV 2025	10	24 NOV 2025

Velocity Calculation:

Velocity

=

Total Duration (Days)

Total Story Points Completed

Total: 39 points over 24 days → Velocity = 1.62 story points/day

Burndown Chart :

- The **Burndown Chart** tracks the remaining story points versus time to visualize progress.
- Each sprint shows a steady decline as user stories are completed — indicating efficient workflow automation and testing.
- At the end of Sprint-4, all critical features (ACL setup, Flow Designer workflow, and approval functionality) are fully implemented.

Reference:

- <https://developer.servicenow.com>
- <https://www.atlassian.com/agile/tutorials/burndown-charts>
- <https://www.visual-paradigm.com/scrum/what-is-agile-software-development/>