Project Planning Phase

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

Date	02 November 2025
Team ID	NM2025TMID04542
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
1. User Management	US-01	As an admin, I want to create and manage users so that each team member can have a unique account in ServiceNow.	5	High	Muhammed Fazal
2. Group Management	US-02	As an admin, I want to create groups to organize users based on their roles and responsibilities.	4	High	Dhyan J Prakash
3. Role Management	US-03	As an admin, I want to create roles and define access permissions for each role to ensure proper data control.	5	High	Vaishnav S
4. Assign Users to Groups and Roles	US-04	As an admin, I want to assign users to specific groups and roles so they can perform authorized tasks.	3	Medium	Arif Rahiman
5. Application Access Configuration	US-05	As a developer, I want to configure application access so only users with proper roles can access the module.	4	High	Dhyan J Prakash
6. Access Control List (ACL) Setup	US-06	As an admin, I want to create ACLs for task and project tables to manage read/write/edit permissions.	6	High	Muhammed Fazal
7. Workflow / Flow Automation	US-07	As a system designer, I want to build an automated flow using Flow Designer to update task status and send approvals.	7	High	Vaishnav S, Arif Rahiman

Sprint Schedule and Estimation

Sprint No.	Duration	Covered User Stories	Total Story Points	Sprint Goal
Sprint 1	Day 1	US-01, US-02	9	Implement basic user and group management.
Sprint 2	Day 2	US-03, US-04	8	Define roles and assign users to their roles and groups.
Sprint 3	Day 4	US-05, US-06	10	Configure application access and ACL for data security.
Sprint 4	Day 6	US-07	7	Implement and test automated workflows using Flow Designer.

Project Tracker Table

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	9	Day 1	25-Oct-2025	25-Oct-2025	9	25-Oct-2025
Sprint 2	8	Day 2	26-Oct-2025	26-Oct-2025	8	26-Oct-2025
Sprint 3	10	Day 4	28-Oct-2025	28-Oct-2025	9	28-Oct-2025
Sprint 4	7	Day 6	30-Oct-2025	30-Oct-2025	7	30-Oct-2025

Sprint Velocity Summary

Sprint	Story Points Planned	Story Points Completed	Velocity (%)
Sprint 1	9	9	100%
Sprint 2	8	8	100%
Sprint 3	10	9	90%
Sprint 4	7	7	100%

Average Team Velocity:

$(9 + 8 + 9 + 7) \div 4 = 8.25\ Story\ Points\ per\ Sprint$

Burndown Chart

Burndown Chart – Expected vs Actual Progress

- Expected (Ideal Progress)
- Actual Progress