

Project Design Phase: Agile Scheduling

Field	Detail
Date	02 November 2025
Team ID	NM2025TMID00414
Project Name	Optimizing User Group and Role Management with Assess, Control, and Workflow
Maximum Marks	6 Marks

Product Backlog, Sprint Schedule, and Estimation (6 Marks)

Sprint	Story Type	User Story / Task	Story Points	Priority	Team Members
Sprint 1	Feature / Spike	As a Security Admin, I need to define the core RBAC roles and their permissions so that we have a standard access model.	3	High	A.Pavithra
Sprint 1	Feature	As an IT Manager, I want to integrate with the HR system to sync user attributes automatically.	5	High	A.Pavithra
Sprint 2	Feature	As a Role Owner, I want to receive a notification and an easy-to-use interface for periodic access recertification (Assess).	8	High	J.Riya
Sprint 2	Feature	As a User, I need a self-service portal to request roles	5	Medium	L.Praveena

Sprint	Story Type	User Story / Task	Story Points	Priority	Team Members
		and see the status of my request.			
Sprint 3	Feature	As a Security Analyst, I need the workflow engine to automatically perform Segregation of Duties (SoD) checks before approval.	8	High	A.Pavithra
Sprint 3	Feature	As an Auditor, I want a comprehensive log of all access changes and approvals to simplify compliance.	5	High	J.Riya
Sprint 4	Feature	As an Administrator, I want to define custom escalation paths in the workflow for high-risk role requests.	5	Medium	R.Rabisha
Sprint 4	Acceptance	UAT: Finalize end-to-end testing and obtain sign-off from key stakeholders.	3	High	A.Pavithra

Project Tracker, Velocity & Burndown Chart (10 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (Actual)	Sprint Release Date (Actual)
Sprint 1	8	1 Week	03 Nov 2025	09 Nov 2025	8	09 Nov 2025
Sprint 2	13	2 Weeks	10 Nov 2025	23 Nov 2025	10	25 Nov 2025
Sprint 3	13	2 Weeks	24 Nov 2025	07 Dec 2025	13	07 Dec 2025

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (Actual)	Sprint Release Date (Actual)
Sprint 4	8	1 Week	08 Dec 2025	14 Dec 2025	8	14 Dec 2025
Total	42	6 Weeks			39	

Velocity Calculation

- **Total Story Points Completed (Actual):** $8 + 10 + 13 + 8 = 39$ points
- **Total Duration (in Days):** $7 + 14 + 14 + 7 = 42$ days
- **Average Velocity** = (Total Story Points Completed) / (Total Duration in Days)
- **Average Velocity** = $39 \text{ points} / 42 \text{ days} \approx 0.93 \text{ point/day}$

Burndown Chart Metric

The team is progressing well, with a strong average velocity indicating consistent delivery. The slight reduction in actual points in Sprint 2 (from 13 planned to 10 completed) was addressed in Sprint 3 with a strong performance, suggesting effective adaptation to early-stage challenges in integrating core components. The project is on track for the planned release date, demonstrating high predictability in the delivery of the core governance features.