

Project Planning Phase

(Project Backlog, Sprint Planning, Stories, Story Points)

DATE	TEAMID	PROJECT NAME	MAXIMUM MARKS
	NM2025TMID04735	LAPTOP REQUEST CATALOG ITEM	5 MARKS

Product Backlog, Sprint Schedule, and Estimation (4 MARKS)

(Use the table below to create product backlog and sprint schedule)

Sprint	Functional Requirement (Epic)	User Story/Task Number	User Story / Task (As a ... I want ...)	Story Points	Priority	Team Member
Sprint-1	Catalog Item Creation	LR-1	As a product requester, I want to fill out a laptop request form so that my equipment need is captured.	3	High	INDHUMATHI M
Sprint-1	Approval Workflow	LR-2	As a manager, I want to approve or reject a laptop request so that only valid requests proceed.	3	High	PETCHITHANGAM C
Sprint-2	Asset Assignment & Tracking	LR-3	As an IT admin, I want to assign a laptop to the requester so that asset tracking begins.	4	High	PRIYA THARSHINI I
Sprint-2	Business Rule: Prevent Duplicate Requests	LR-4	As a system admin, I want to block a user from requesting a new laptop if they already have one assigned.	5	High	RAGUPATHI M
Sprint-2	Testing	LR-5	As a tester, I want to verify	3	Medium	

			that duplicate requests are blocked and correct workflows executed.			
Sprint-3	Documentation & Knowledge Base	LR-6	As a developer, I want to document the catalog item workflow and system design phases for submission.	2	Medium	

Project Tracker, Velocity & Burndown Chart

Sprint	Total Story Points	Duration	Sprint start date	Sprint end date(planned)	Story Points Completed (on Planned End Date)	Sprint Release Date (actual)
Sprint-1	20	3 Days	24 October 2025	27 October 2025	20	27 October 2025
Sprint-2	20	3 Days	27 October 2025	30 October 2025	20	30 October 2025
Sprint-3	20	1 Day	30 October 2025	31 October 2025	20	31 October 2025
Sprint-4	20	1 Day	31 October 2025	1 November 2025	20	1 November 2025

Velocity

Average velocity = (Total Story Points Completed) ÷ (Total Duration in Days)

Total velocity=2.5 days

SAMPLE BURNDOWN CHART FOR A 1-WEEK SPRINT



BigPicture