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

Date	02 NOVEMBER 2025
Team ID	NM2025TMID03019
Project Name	Laptop Request Catalog Item
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Management	USN-1	Employee should be able to open and submit the laptop request form.	2	High	N. Durga Mahendra
Sprint-1	Incident Assignment	USN-2	Form fields should change dynamically (e.g., display additional specs if "Custom Laptop" selected).	2	High	R.S.S. Manoj
Sprint-2	Business Rule Creation	USN-3	A reset button should clear all entered fields.	4	High	N. Durga Mahendra
Sprint-2	Testing	USN-4	Approval workflow should route to manager and IT admin automatically	3	High	N. Gowtham
Sprint-2	Login	USN-5	As a tester, I should verify that unassigned users can be deleted successfully.	2	Medium	O. Sravani
Sprint-3	Documentation	USN-6	As a developer, I want to document the architecture and planning phases for submission.	3	Medium	N. Durga Mahendra

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	6	6 Days	01 nov 2025	05 nov 2025	20	05 nov 2025
Sprint-2	7	6 Days	06 nov 2025	11 nov 2025	20	11 nov 2025
Sprint-3	7	6 Days	12 nov 2025	18 nov 2025	19	18 nov 2025
Sprint-4	6	6 Days	19 nov 2025	25 nov 2025	20	25 nov 2025

Velocity

Average Velocity=Total Duration (in days)Total Story Points Completed

Total = (6 + 7 + 5 + 2) = 20 story points over 19 days

Velocity = 1.05 points/day

Burndown Chart:

A **Burndown Chart** is a graphical representation of work left to do versus time.It helps visualize progress across sprints, ensuring the team completes tasks on schedule.
For this project, the burndown chart will track completion of backlog items from **Sprint–1 to Sprint–4**, showing how efficiently the team meets planned goal.

Reference:

- **https://www.visual-paradigm.com/scrum/what-is-agile-software-development/**

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

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