Project planning phase

Project planning Template(product backlog, sprint planning, stories, story points)

Date	28/10/2025
Team Id	NM2025TMID03230
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks
Product backlog, sprint schedule and estimation	(4 Marks)

Use the below template to create backlog and sprint schedule.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Laptop Request Management	USN-7	As an employee, I want to request a laptop through a catalog item so that I can get the required device for my work.	3	High	A.Iswarya
Sprint-1	Approval Workflow	USN-8	As a manager, I want to review and approve laptop requests submitted by employees.	4	High	S.Nisha
Sprint-2	Inventory Integration	USN-9	As an admin, I want the laptop request system to check available stock automatically	5	High	V.Ganga

Sprint		USN				
			before approval.			
Sprint-3	Notification and Tracking	USN-10	As an employee, I want to receive notifications and track the status of my laptop request.	3	Medium	C.Senthamizhan
Sprint-3	Reporting	USN-11	As an admin, I want to generate reports of all laptop requests for audit and budgeting purposes.	3	Medium	R.Sathiyamoorthi

Project tracker, velocity and Burndown chart:

Sprint	Total story points	Duration	Sprint start date	Sprint end date (planned)	Story points completed
Sprint-1	7	2 Weeks	03-Nov-2025	16-Nov-2025	7
Sprint-2	5	2 Weeks	17-Nov-2025	30-Nov-2025	4
Sprint-3	6	2 Weeks	01-Dec-2025	14-Dec-2025	6

Velocity

Average Velocity = (Total story points completed) / (Total duration in days)

Total = 17 points over 30 days

Velocity = 0.57 points/day

Burndown chart

A Burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as scrum. However, burndown charts can be applied to any project containing measurable progress over time.