

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

Date	15 February 2025
Team ID	LTVIP2025TMID30301
Project Name	Laptop Request Catalog Item
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
Sprint-1	Catalog Setup	USN-1	As an admin, I can create a laptop request catalog with required fields.	3	High	N Tejaswi, K Durgaprasad
Sprint-1	User Form	USN-2	As a user, I can submit a laptop request using the catalog form.	2	High	N Tejaswi, Dummugudupu Anitha
Sprint-2	Email Notifications	USN-3	As a user, I receive an email once my request is submitted.	1	Medium	Kotani Anil Kumar
Sprint-1	Approval Workflow	USN-4	As a manager, I can approve or reject a laptop request.	3	High	Dummugudupu Anitha, K Durgaprasad
Sprint-1	Fulfillment	USN-5	As IT, I can see approved requests and fulfill them.	3	High	Kotani Anil Kumar, N Tejaswi
Sprint-2	Inventory Sync	USN-6	System updates inventory after a laptop is issued.	2	High	K Durgaprasad, Dummugudupu Anitha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Role-Based Access	USN-7	As admin, I can control access based on roles (user, manager, IT).	3	Medium	N Tejaswi, Kotani Anil Kumar
Sprint-3	Dashboard	USN-8	Admin can view open/closed laptop requests on a dashboard.	2	Medium	Dummugudupu Anitha, K Durgaprasad

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	5 Days	01 july 2025	05 july 2025	6	05 july 2025
Sprint-2	8	5 Days	07 july 2025	11 july 2025	8	11 july 2025
Sprint-3	8	5 Days	13 july 2025	17 july 2025	8	17 july 2025

Velocity:

Velocity is the average number of story points completed by a team in a sprint. It helps estimate how much work the team can take on in future sprints.

Velocity per Sprint:

Average of Sprint-1, 2, and 3 = $(6 + 8 + 8) / 3 = 7.33$ story points/sprint

Velocity per Day:

Total points = 22, Total days = 15 $\rightarrow 22 \div 15 = 1.47$ story points/day

Burndown Chart:

Here is the **Burndown Chart** for the **Laptop Request Catalog project**:

- **Ideal Burndown Line** shows the expected linear progress.
- **Actual Burndown Line** shows your team's real progress across the sprints.

