

## Project Planning Phase

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

Date	02 November 2025
Team ID	NM2025TMID08730
Project Name	Laptop Request Catalog Item
Maximum Marks	4 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	Catalog Setup	USN-1	As an admin, I can create a new update set named "Laptop Request" and make it current to capture all configuration changes.	2	High	Vijayamahisha R
Sprint-1	Catalog Creation	USN-2	As a catalog administrator, I can create a Service Catalog Item named "Laptop Request" under the "Hardware" category.	2	High	Jerisha B M
Sprint-2	Variable Configuration	USN-3	As a developer, I can add catalog variables such as "Laptop Model," "Justification," "Additional Accessories," and "Accessories Details."	4	High	Saranya S
Sprint-2	UI Policy Configuration	USN-4	As a developer, I can create a Catalog UI Policy to show and make "Accessories Details"	3	High	Vinshiya Janu A

			mandatory when “Additional Accessories” is selected.			
Sprint-3	UI Action Setup	USN-5	As a developer, I can create a “Reset Form” button on the shopping cart page to allow users to clear form entries easily.	2	Medium	Vinshiya Janu A
Sprint-3	Export and Migration	USN-6	As an admin, I can complete and export the update set as an XML file for migration.	3	Medium	Saranya S
Sprint-4	Import & Testing	USN-7	As a tester, I can import the XML update set into another instance, preview, commit, and test all functionalities.	3	High	Vijayamahisha R
Sprint-4	Documentation	USN-8	As a developer, I can document the configuration steps, components, and test results for submission.	2	Medium	Jerisha B M

#### 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	10	6 Days	25 Oct 2025	27 Oct 2025	10	27 Oct 2025

Sprint-2	10	6 Days	28 Oct 2025	29 Oct 2025	10	29 Oct 2025
Sprint-3	10	6 Days	30 Oct 2025	31 Oct 2025	10	31 Oct 2025
Sprint-4	10	6 Days	01 Nov 2025	02 Nov 2025	9	02 Nov 2025

## Velocity

Average Velocity = (Total Story Points Completed) / (Total Duration in Days)

= 39 points / 8 days → Velocity = 4.87 points/day

### Burndown Chart:

A burndown chart tracks the remaining work (story points) against time, visualizing sprint progress and completion rate. As work progressed across four sprints, tasks such as catalog creation, variable setup, and UI policy testing were completed on time, with minor carry-over in the final documentation phase.

### Reference:

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

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

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