

# Project Planning Phase

## Project Planning Template(Product Backlog,Sprint Planning,Story Points)

|               |                             |
|---------------|-----------------------------|
| Date          | 2 November 2025             |
| Team ID       | NM2025TMID01594             |
| Project Name  | Laptop Request Catalog Item |
| Maximum Marks | 5 Marks                     |

### Product Backlog, Sprint Schedule, and Estimation:

| 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 catalog category for laptop requests.                                  | 2            | High     | Ashika V       |
| Sprint-1 | Form Design                   | USN-2             | As a user, I can fill in a form to request a laptop with required fields (model, justification, etc.). | 3            | High     | Jean Rabia S A |
| Sprint-2 | Workflow Configuration        | USN-3             | As an admin, I   | 4            | High     | Bavatharai S   |

|          |                     |       |   |   |        |                |
|----------|---------------------|-------|---|---|--------|----------------|
|          | n                   |       | can design an approval workflow where the manager must approve the laptop request.          |   |        |                |
| Sprint-2 | Email Notifications | USN-4 | As a system admin, I can configure email notifications for request submission and approval. | 3 | High   | Ashika V       |
| Sprint-3 | Testing             | USN-5 | As a tester, I should verify the request flow (submission → approval → fulfillment).        | 3 | Medium | Jean Rabia S A |
| Sprint-3 | UI Enhancement      | USN-6 | As a developer, I can add visual clarity to the   | 2 | Medium | Bavatharai S   |

|          |               |       |  |   |        |          |
|----------|---------------|-------|--|---|--------|----------|
|          |               |       | catalog item using icons and form labels.  |   |        |          |
| Sprint-4 | Documentation | USN-7 | As a team, we can document the full development and workflow process for submission. | 3 | Medium | Ashika V |

### Project Tracker, Velocity & Burndown Chart:

| Sprint   | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|------------------------|------------------------------|
| Sprint-1 | 20                 | 6 Days   | 31 May 2025       | 05 June 2025              | 20                     | 05 June 2025                 |
| Sprint-2 | 20                 | 6 Days   | 06 June 2025      | 11 June 2025              | 20                     | 11 June 2025                 |
| Sprint-3 | 20                 | 6 Days   | 12 June 2025      | 18 June 2025              | 19                     | 18 June 2025                 |
| Sprint-4 | 20                 | 6 Days   | 19 June 2025      | 25 June 2025              | 20                     | 25 June 2025                 |

## **Velocity:**

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

Total: 79 points over 24 days → Velocity = 3.29 points/day

## **Burndown Chart:**

A Burndown Chart visually represents the remaining work (story points) against the time allocated per sprint.

- The chart shows steady completion across all sprints.
- Sprint-3 had a minor delay due to UI enhancement testing.
- Overall progress indicates consistent performance and timely delivery.