| **Date** | **31 OCTOBER 2025** |
| --- | --- |
| **Team ID** | **NM2025TMID00034** |
| **Project Name** | **Laptop Request Catalog Item** |
| **Maximum Marks** | **5 Marks** |

### Project Planning Phase

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

### Product Backlog, Sprint Schedule, and Estimation

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Catalog Item Form Design | USN-1 | As a user, I want to see the available laptop models (Standard, Developer) and their specs on the form. | 3 | High | Anna Thomas |
| Sprint-1 | Catalog Item Form Design | USN-2 | As a user, I want to select my request type (New, Refresh, Repair) and have the form show relevant fields based on my choice. | 4 | High | Anna Thomas |
| Sprint-2 | Approval Workflow | USN-3 | As a manager, I want to receive an approval request when my direct report submits a laptop request. | 5 | High | Rohan Mehta |
| Sprint-2 | Fulfillment & Notifications | USN-4 | As a user, I want to receive an email notification when my request is submitted. | 2 | Medium | Chen Wei |
| Sprint-3 | Fulfillment & Notifications | USN-5 | As an IT Hardware agent, I want a task created in my queue when a request is manager-approved. | 4 | High | Rohan Mehta |
| Sprint-3 | Testing & Deployment | USN-6 | As a tester, I should verify that the end-to-end request (Submit > Approve > Fulfill) works as expected. | 5 | High | Chen Wei |
| Sprint-3 | Documentation | USN-7 | As a developer, I want to document the workflow and form logic for the knowledge base. | 3 | Medium | Anna Thomas |

### Project Tracker, Velocity & Burndown Chart:

| **Sprint** | **Total Story Points (Planned)** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 7 | 5 Days | 03 Nov 2025 | 07 Nov 2025 | 7 | 07 Nov 2025 |
| Sprint-2 | 7 | 5 Days | 10 Nov 2025 | 14 Nov 2025 | 7 | 14 Nov 2025 |
| Sprint-3 | 12 | 5 Days | 17 Nov 2025 | 21 Nov 2025 | 12 | 21 Nov 2025 |

Velocity

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

Total: 26 points over 15 days $\rightarrow$ Velocity = 1.73 points/day

Burndown Chart:

A burn down 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, burn down charts can be applied to any project containing measurable progress over time.