

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	02 NOVEMBER 2025
Team ID	NM2025TMID06623
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Laptop Request Submission	Employee can submit a laptop request through the catalog form.
FR-2	Request Form Details	Form should capture required fields: laptop model, justification, department, and urgency.
FR-3	Manager Approval Workflow	Request automatically routes to the employee's manager for approval.
FR-4	IT Fulfillment Process	Once approved, IT admin receives a task to assign and deliver the laptop..
FR-5	Asset Update in CMDB	Once fulfilled, the assigned laptop details are automatically updated in the Asset Database (CMDB).
FR-6	Request Tracking	Employee can view real-time request status (Pending, Approved, In Progress, Fulfilled)

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The catalog interface should be intuitive and easy for employees, managers, and IT staff to use..
NFR-2	<b>Security</b>	Only authenticated users can submit, approve, or fulfill laptop requests. Sensitive data must be protected.
NFR-3	<b>Reliability</b>	The workflow must execute consistently without missing any approval or fulfillment steps.
NFR-4	<b>Performance</b>	Requests, approvals, and notifications should process with minimal latency..
NFR-5	<b>Availability</b>	The catalog service should be accessible 24/7 for all departments and users.
NFR-6	<b>Scalability</b>	The system should handle increased request volumes and new departments as the organization grows.