

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

Date	31 October 2025
Team ID	NM2025TMID06949
Project Name	LAPTOP REQUEST CATALOG ITEMS
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 Form	Access laptop request form with guided fields Role-based laptop recommendations
FR-2	Dynamic Form Behavior	Dynamic fields visibility based on selections (UI Policies) Reset form to default (form functionality)
FR-3	Approval Workflow	Manager approval with comments Send email notifications for approval/rejection
FR-4	Fulfillment & Status Tracking	IT staff access inventory info from CMDB Real-time status tracking for employees

**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 item interface should be intuitive, user-friendly, and provide dynamic guidance based on user input.
NFR-2	<b>Security</b>	Access to the laptop request form and approval workflows must be role-based with strict authentication and authorization controls to ensure data privacy.
NFR-3	<b>Reliability</b>	The system should process requests and approvals accurately without data loss or downtime, ensuring consistent operation.
NFR-4	<b>Performance</b>	The form loading time and workflow processing should be efficient, with minimal latency to avoid user frustration.
NFR-5	<b>Availability</b>	The laptop request service should be available 99.9% of the time, with scheduled maintenance windows communicated in advance.
NFR-6	<b>Scalability</b>	The solution must support future expansion such as additional user roles, new laptop models, and integration with other systems without significant rework.