

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

Date	28 OCT 2025
Team ID	NM2025TMID05124
Project Name	Laptop Request Catalog Item

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 Creation	Create a Service Catalog Item for Laptop Request. Design form layout with required variables such as Laptop Type, Purpose, Justification, and Delivery Location.
FR-2	Dynamic Form Behavior	Configure UI Policies to show or hide fields based on user selections. Implement Client Scripts for form reset and validation.
FR-3	Approval Workflow	Define multi-level approval workflow for manager and IT team. Ensure automatic task creation after approval.
FR-4	Request Validation	Validate mandatory fields before submission. Ensure form submission triggers workflow correctly.
FR-5	Notification Management	Send confirmation email to requester after submission. Notify approvers and fulfillment team automatically.
FR-6	Testing & Deployment	Conduct UAT to verify all form behaviors and workflow execution. Deploy catalog item to production environment safely.

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The catalog item interface should be user-friendly, allowing employees to easily request laptops with clear instructions and dynamic field behavior.
NFR-2	Security	Only authorized users should be able to access, submit, and approve laptop requests. Sensitive information must be protected.
NFR-3	Reliability	The catalog form and workflow must function consistently without errors, ensuring all requests are processed and tracked accurately.
NFR-4	Performance	The form submission, approval workflow, and notifications should execute quickly with minimal processing delay.
NFR-5	Availability	The catalog item should be accessible to users and admins at all times during business hours without downtime.
NFR-6	Scalability	The system should support an increasing number of laptop requests and users without affecting performance or response time.