

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID: NM2025TMID04287

Project Name: Laptop Request Catalog

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	Form should allow employees to request a laptop with fields for model, duration, and justification.
FR-2	Dynamic Field Behavior	Fields should show or hide based on user selections using UI policies and client scripts.
FR-3	Manager Approval	System should route requests automatically to the employee's manager for approval.
FR-4	IT Asset Team Fulfillment	Approved requests should be assigned to the IT asset team for laptop allocation.
FR-5	Inventory Update	System should update the Asset Management module when laptops are assigned or returned.
FR-6	Notifications	Automatic email notifications must be sent to the user and manager upon approval and completion.

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The catalog form should have a clean, user-friendly interface for quick submissions.
NFR-2	Security	Only authorized users can request, approve, or fulfill laptop requests.
NFR-3	Reliability	All workflows and approvals should process accurately without system errors.
NFR-4	Performance	The request submission and approval process should execute quickly and efficiently.
NFR-5	Availability	The catalog should be available to employees during standard working hours with minimal downtime.
NFR-6	Scalability	The system should support additional hardware request types (e.g., monitors, accessories) as the organization grows.