

ProjectDesign Phase-II
Solution Requirements(Functional&Non-functional)

Date	31 October 2025
TeamID	NM2025TMID04347
ProjectName	Laptop Request Catalog Item
MaximumMarks	4Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FRNo.	Functional Requirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	LaptopRequestForm	Access laptop request form with guided fields Role-based laptop recommendations
FR-2	DynamicFormBehavior	Dynamic fields visibility based on selections (UI Policies) Reset form to default (form functionality)
FR-3	ApprovalWorkflow	Manager approval with comments Send email notifications for approval/rejection
FR-4	Fulfillment&StatusTracking	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.

FRNo.	Non-Functional Requirement	Description
NFR-1	Usability	The catalog item interfaces should be intuitive, user-friendly, and provide dynamic guidance based on user input.
NFR-2	Security	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	Reliability	The system should process requests and approvals accurately without data loss or downtime, ensuring consistent operation.
NFR-4	Performance	The form loading time and workflow processing should be efficient, with minimal latency to avoid user frustration.
NFR-5	Availability	The laptop request service should be available 99.9% of the time, with scheduled maintenance windows communicated in advance.
NFR-6	Scalability	The solution must support future expansions such as additional user roles, new laptop models, and integration with other systems without significant rework.