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

Date	01 November 2025
Team ID	NM2025TMID01018
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	Fulfilment & 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	**Usability**	The catalog item interface 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 expansion such as additional user roles, new laptop models, and integration with other systems without significant rework.