

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

Date	12 Feb 2026
Team ID	LTVIP2026TMIDS42057
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 the guided fields on the laptop request form. Recommendations for laptops based on roles
FR-2	Dynamic Form Behavior	Visibility of dynamic fields according to selections (UI Policies) Return the form's functionality to its initial state.
FR-3	Approval Workflow	Manager's approval with remarks Notify recipients via email when they are accepted or rejected.
FR-4	Fulfillment & Status Tracking	IT personnel retrieve inventory data from the CMDB and follow employees' status in real time.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface for catalog items should be simple to use, intuitive, and responsive to user input.
NFR-2	Security	The interface for catalog items should be more user – friendly and secure.
NFR-3	Reliability	The system should reliably process requests and approvals without experiencing any downtime or data loss.

NFR-4	Performance	To prevent user annoyance, the form loading time and workflow processing should be effective with low latency.
NFR-5	Availability	With planned maintenance windows announced beforehand, the laptop request service should be accessible 99.9% of the time.
NFR-6	Scalability	Future growth, including new laptop models, more user roles, and system integration, must be supported by the solution without requiring a lot of effort.