

Project Design Phase – II

Solution Requirements (Functional & Non-Functional)

Date	Oct 28
Team Id	NM2025TMID07769
Project Id	Laptop request catalog item
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 Submission	User submits a laptop request through the Service Catalog form. Request includes laptop type, justification, and delivery details.
FR-2	Manager Approval Workflow	IT Asset Team checks stock availability in the asset inventory. If available, request moves to configuration stage.
FR-3	Asset Availability Verification	The system routes the request to the respective manager for approval. Manager can approve or reject the request.
FR-4	Laptop Procurement Process	If no laptops are available in stock, the system automatically generates a purchase order for the vendor.
FR-5	Laptop Configuration and Setup	IT team installs OS, required software, and applies security configurations.

Non-Functional Requirements

Following are the non-functional requirements of the proposed solution

NFR No	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be user-friendly and simple for employees, managers, and IT staff to interact with.
NFR-2	Security	Only authorized users should be able to request, approve, or process laptop requests. All data must be encrypted and access-controlled.
NFR-3	Reliability	The system must ensure that approval and procurement processes run without failures or data loss.
NFR-4	Performance	The catalog item and workflow must be available 24/7 to support global users.
NFR-5	Availability	The catalog item and workflow must be available 24/7 to support global users.