

Project Design Phase II

Solution Requirements(Functional & Non-Functional)

Date	1 NOVEMBER 2025
Team ID	NM2025TMID02485
Project Name	Laptop Request Catalog Item
Maximum Marks	2 Marks

Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Laptop Request Submission	Employee initiates a laptop request form.
FR-2	Manager Approval	The system sends an approval request to the reporting manager.
FR-3	Inventory Availability Check	System checks availability of the requested laptop model in inventory. If unavailable, request is marked as “On Hold.”
FR-4	IT Admin Assignment	Approved requests are assigned automatically to IT admin for processing. IT admin checks and updates the status.
FR-5	Laptop Allocation	IT admin allocates laptop and updates asset record. The employee is informed via email.
FR-6	Request Tracking & Status Update	The employee is able to track the status of the request in real-time. System updates status at each stage: Submitted → Approved → Assigned → Completed.
FR-7	Feedback Collection	After completion, the employee provides feedback on how the request was handled.
FR-8	Request Closure	The system automatically closes the request once feedback is received.

Non-Functional Requirements

FR.No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be simple and user-friendly for employees, managers, and IT admins.
NFR-2		Laptop requests can be accessed,

	Security	approved, or assigned only by authorized users. Sensitive data must be stored on a secure basis.
NFR-3	Reliability	The system should ensure the precise tracking of requests, with no duplicate or failed submissions.
NFR-4	Performance	The system shall process approvals, assignments, and notifications in a timely manner with no delay.
NFR-5	Availability	The application should be available at all times, allowing employees to submit or track requests.
NFR-6	Scalability	The system should support increases in users and requests as the organization grows, maintaining performance.