

Project Design Phase-II

Solution Requirements (Functional&Non Functional)

Date	2 November 2025
Team ID	NM2025TMID01266
Project	Laptop Request Catalog Item
Maximum Marks	4 Mark

Functional Requirements:

Following are the functional requirement of the proposed solution

FR No,	Functional requirement(Epic)	Sub-Requirement(story/sub-task)
FR 1.	Laptop Request	User should be able to request a laptop from the catalog item
FR 2.	Manager Approval	System should trigger approval to the user's reporting manager
FR 3.	Fulfillment Assignment	On approval, system should create a fulfillment task to IT Asset Team
FR 4.	Asset Availability Check	System should check available inventory before assigning a laptop

FR 5.	Asset Assignment to User	IT Asset Team updates assigned laptop details
FR 6.	Notifications	User should receive email/SMS notification for request submission, approval, rejection, fulfillment and delivery

Non Functional Requirements:

Following are the non functional requirement of the proposed solution

FR No,	Functional requirement(Epic)
FR 1.	System should process requests & tasks within < 2 seconds page load .
FR 2.	All data should comply with IT security policies & audit requirements
FR 3.	Notifications should be delivered in real-time (\leq 1 minute delay)
FR 4.	Functional requirement(Epic)

	FR 1.	Laptop Requ
	FR 2.	Manager Approva
	FR 3.	Fulfillment Assig
	FR 4.	Asset Availability