

**ProjectDesign Phase-II**  
**SolutionRequirements(Functional&Non-functional)**

Date	31 October 2025
TeamID	NM2025TMID01076
ProjectName	Laptop Request Catalog Item
MaximumMarks	4Marks

**FunctionalRequirements:**

Followingarethefunctionalrequirementsoftheproposedsolution.

FRNo.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	LaptopRequestForm	Accesslaptoprequestformwithguidedfields Role-based laptop recommendations
FR-2	DynamicFormBehavior	Dynamicfieldsvisibilitybasedonselections(UIPolicies) Resetformtodefault(formfunctionality)
FR-3	ApprovalWorkflow	Managerapprovalwithcomments Sendemailnotificationsforapproval/rejection
FR-4	Fulfillment&StatusTracking	ITstaffaccessinventoryinfofromCMDB Real-time status tracking for employees

**Non-functionalRequirements:**

Followingarethenon-functionalrequirementsoftheproposedsolution.

FRNo.	Non-FunctionalRequirement	Description
NFR-1	<b>Usability</b>	Thecatalogiteminterfaceshouldbeintuitive,user-friendly, and provide dynamic guidance based on user input.
NFR-2	<b>Security</b>	Access to the laptop request form and approval workflows must be role-based with strict authenticationandauthorizationcontrolstoensure dataprivacy.
NFR-3	<b>Reliability</b>	The system should process requests and approvals accuratelywithoutdatalossordowntime,ensuring consistentoperation.
NFR-4	<b>Performance</b>	Theformloadingtimeandworkflowprocessing shouldbeefficient,withminimallatencytoavoid user frustration.
NFR-5	<b>Availability</b>	Thelaptoprequestserviceshouldbeavailable 99.9%ofthetime,withscheduledmaintenance windows communicated in advance.
NFR-6	<b>Scalability</b>	Thesolutionmustsupportfutureexpansionsuchas additional user roles, new laptop models, and integration with other systems without significant rework.