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

Date	02 November 2025
TeamID	NM2025TMID01453
ProjectName	LAPTOPREQUESTCATALOGITEMs
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	**Usability**	Thecatalogiteminterfaceshouldbeintuitive,user-friendly, and provide dynamic guidance based on user input.
NFR-2	**Security**	Access to the laptop request form and approval workflows must be role-based with strict authenticationandauthorizationcontrolstoensure dataprivacy.
NFR-3	**Reliability**	The system should process requests and approvals accuratelywithoutdatalossordowntime,ensuring consistentoperation.
NFR-4	**Performance**	Theformloadingtimeandworkflowprocessing shouldbeefficient,withminimallatencytoavoid user frustration.
NFR-5	**Availability**	Thelaptoprequestserviceshouldbeavailable 99.9%ofthetime,withscheduledmaintenance windows communicated in advance.
NFR-6	**Scalability**	Thesolutionmustsupportfutureexpansionsuchas additional user roles, new laptop models, and integration with other systems without significant rework.