

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	01 November2025
Team ID	NM2025TMID05341
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks

FunctionalRequirements:

The following are the functional requirements of the proposed solution.

FRNo.	Functional Requirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	Service Catalog Item Creation	Create a new Catalog Item named “Laptop Request.”
		Add variables such as Laptop Model, Purpose, Accessories, and Urgency.
		Provide clear labels, helptext, and instructions for each field.
FR-2	Dynamic Field Behavior (UIPolicy)	Configure fields to show/hide based on user selections.
		Set mandatory conditions for required fields.
		Display accessory options only if “Accessories Required” is selected.
FR-3	ResetFunctionality(UI Action)	Create a Reset button to clear form inputs.
		Ensure reset action doesn’t affect form structure or default values.
FR-4	Governance and Change Tracking (Update Set)	Create a Local Update Set to capture configuration changes.
		Record all components(Catalog Item,UIPolicies,UI Actions).
		Maintain version control for audit and governance.
FR-5	Deployment and Migration	Export the Update Set from the development instance.
		Import and retrieve the Update Set in an other instance.
		Validate successful migration of all configurations.
FR-6	Testing and Validation	Test the catalog item for dynamic field behavior and reset function.

		Verify mandatory and visibility rules for multiple user scenarios.
		Ensure successful submission and record creation.

Non-functional Requirements:

The following are the non-functional requirements of the proposed solution.

NFRNo.	Non-Functional Requirement	Description
NFR-1	Usability	Form should be simple and user-friendly.
NFR-2	Security	Only authorized users can access and request laptops.
NFR-3	Reliability	Catalog item should function without errors.
NFR-4	Performance	Dynamic fields and reset should respond quickly.
NFR-5	Availability	Service should be available during business hours.
NFR-6	Scalability	System should support increased requests smoothly.
NFR-7	Maintainability	Easy to modify and migrate via update sets.
NFR-8	Auditability	All catalog changes must be tracked for governance.