

# Project Design Phase-II

## Solution Requirements (Functional & Non-functional)

Date	01 November 2025
Team ID	NM2025TMID05341
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks

### Functional Requirements:

The following are the functional requirements of the proposed solution.

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

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