

Requirement Analysis Phase

Solution Requirements (Functional & Non-functional)

Date	1 November 2025
Team ID	NM2025TMID04148
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Catalog Access	Users must be able to find and open the "Laptop Request" item from the Service Catalog.
FR-2	Data Collection	The form must provide fields for: <ul style="list-style-type: none"> - Laptop Model - Justification - Additional Accessories (Checkbox) - Accessories Details
FR-3	Dynamic Form Logic	The 'Accessories Details' field must be hidden by default.
FR-4	Dynamic Field Visibility	When the 'Additional Accessories' checkbox is checked, the 'Accessories Details' field must become visible.
FR-5	Dynamic Field Mandate	When the 'Additional Accessories' checkbox is checked, the 'Accessories Details' field must also become mandatory.
FR-6	Form Usability	A "Reset Form" button must be present on the shopping cart page.
FR-7	Form Reset Action	Clicking the "Reset Form" button must clear all data from the form fields and show an alert.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be intuitive and easy for any employee to complete the request with no training.
NFR-2	Performance	The UI Policy (show/hide logic) must execute instantly with no noticeable lag for the user.
NFR-3	Reliability	The dynamic show/hide/mandatory logic must work correctly 100% of the time on all supported browsers.
NFR-4	Accessibility	The form must be keyboard-navigable and all fields must be readable by screen readers.
NFR-5	Security	The catalog item must only be visible to logged-in, active employees within the organization.
NFR-6	Maintainability	All scripts (UI Policy, UI Action) must be commented and follow best practices so other developers can easily understand them.