

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

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|---------------|-----------------------------|
| Date | 7 November 2025 |
| Team ID | NM2025TMID09124 |
| 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 | Laptop Request Catalog Creation | Create new catalog item “Laptop Request.” |
| FR-2 | Variable Configuration | Add variables: Laptop Model, Justification, Additional Accessories, and Accessories Details. |
| FR-3 | Dynamic Form Behavior | Apply Catalog UI Policy to show or hide the Accessories Details field based on checkbox selection. |
| FR-4 | Form Reset Functionality | Create a UI Action button “Reset Form” using client script to clear form data. |
| FR-5 | Update Set Management | Create and activate update set “Laptop Request Project.” |
| FR-6 | Instance Migration | Export update set to XML, import, preview, and commit on target instance. |
| FR-7 | Catalog Item Validation | Verify that dynamic behavior and variables function as expected after deployment. |

Non-Functional Requirements

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

| NFR No. | Non-Functional Requirement | Description |
|---------|----------------------------|---|
| NFR-1 | Usability | The catalog form should be intuitive, guiding employees through clear instructions. |
| NFR-2 | Security | Only authorized employees can request laptops; data changes are tracked for governance. |
| NFR-3 | Reliability | Dynamic UI policies must execute correctly for every user session. |
| NFR-4 | Performance | The form must load and respond instantly to checkbox or input changes. |
| NFR-5 | Availability | The catalog item should be accessible through the Service Catalog anytime. |
| NFR-6 | Scalability | The system should handle increasing numbers of catalog requests efficiently. |