

## Performance and Testing

Date	01 NOV 2025
Team ID	NM2025TMID02757
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks

### 1. Update Set Creation

Action Performed:

Created Local Update Set named "Laptop Request".

Validation Steps:

- Confirmed Update Set creation.
- Set as Current.
- 

Screenshot:

The screenshot displays the 'Update Set' configuration window for 'Laptop Request'. The interface includes a header with navigation icons and buttons for 'Update' and 'Back Out'. The main form contains fields for Name (Laptop Request), State (Complete), Parent, Release date, Install date (2025-10-31 07:18:56), Installed from, and Description. On the right, there are fields for Application (Global), Created (2025-10-31 07:18:55), Created by (admin), and Merged to. Below the form are buttons for 'Update' and 'Back Out'. A 'Related Links' section provides links for 'Export to XML', 'Merge With Another Update Set', 'Scan Update Set', and 'Show Update's History'. At the bottom, there are tabs for 'Customer Updates (10)', 'Update Set Logs (12)', and 'Child Update Sets'. A table at the very bottom shows the update set details.

Created	Type	View	Target name	Updated by	Remote update set	Action
2025-10-31 07:18:55	Catalog UI Policy		show accessories details	admin	(empty)	INSERT_OR_UPDATE

Result:

Update Set available and active for changes.

## 2. Service Catalog Item Creation

Action Performed:

Created a Catalog Item with details:

- Name: Laptop Request
- Catalog: Service Catalog
- Category: Hardware
- Short Description: Use this item to request a new laptop
- 

Screenshot:

The screenshot shows a web interface for creating a new catalog item. The header bar includes a back arrow, a menu icon, the text 'Catalog Item New record', and buttons for 'Submit' and 'Try It'. A blue informational banner states: 'Catalog items are goods or services available to order from the service catalog. Items can be anything from hardware, like tablets and phones, to software applications, to furniture and office supplies. • Enter a Name and Short description to display for the item. • Enter a Price, approvals, variables, and other information as needed.' The form fields are: 'Name' (Laptop Request), 'Catalogs' (Service Catalog), 'Category' (Hardware), 'State' (-- None --), 'Checked out' (-- None --), 'Owner' (System Administrator), 'Application' (Global), 'Active' (checked), and 'Fulfillment automation level' (Unspecified). At the bottom, there are tabs for 'Item Details', 'Process Engine', 'Picture', 'Pricing', and 'Portal Settings'. The 'Short description' field contains the text 'Use this item to request a new laptop.' and the 'Description' field is empty.

Result:

Catalog Item successfully created.

## 3. Variables Configuration

Action Performed:

Added variables to the catalog item:

- Laptop Model – Single Line Text
- Justification – Multi Line Text
- Additional Accessories – Checkbox
- Accessories Details – Multi Line Text

Screenshot:

Copy Try It Update Edit in Catalog Builder Delete

Related Links  
[Item Diagnostic](#)  
[Show VA render type](#)  
[Run Point Scan](#)

Variables (4) Variable Sets Catalog UI Policies (1) Catalog Client Scripts (1) Available For Not Available For Categories (1) Catalogs (1) Catalog Data Lookup Definitions Related Articles Related Catalog Items

Assigned Topics

Order Search Actions on selected rows... New

Catalog item = Laptop Request

Type	Question	Order
Single Line Text	Laptop Model	100
Multi Line Text	Justification	200
CheckBox	Additional Accessories	300
Multi Line Text	Accessories Details	400

1 to 4 of 4

Result:

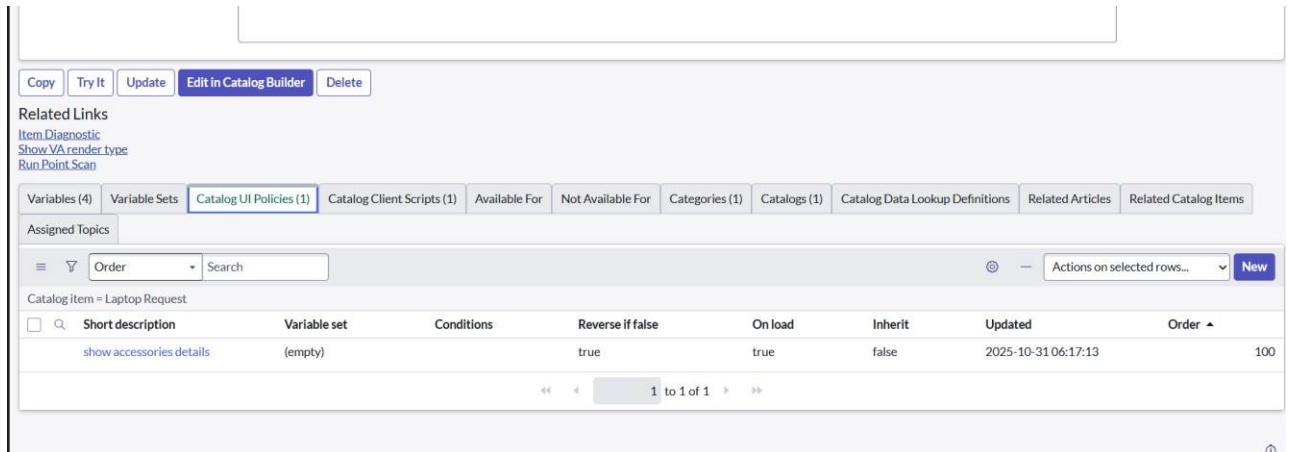
Variables display correctly on the item.

#### 4. Catalog UI Policy

Action Performed:

Created UI Policy:

- Title: Show Accessories Details
- Condition: Additional Accessories is true Added UI Policy Action:
- Variable: accessories\_details
- Mandatory: True
- Visible: True Screenshot:



Test:

- Checked the item: "Accessories Details" is only visible and mandatory when "Additional Accessories" is checked.

Result:

Functionality works as expected.

## 5. UI Action

Action Performed:

Created UI Action on "shopping cart (sc\_cart)":

- Name: Reset form •  
Client: checked
- Script: javascript  

```
function resetForm() {
  g_form.clearForm();
  alert("The form has been
  reset.");
}
```

Screenshot:

UI Action

Name

Table: Shopping Cart [sc\_cart]

Order: 100

Action name: Reset form

Active ☒

Show insert ☒

Show update ☒

Client ☒

List v2 Compatible ☒

List v3 Compatible ☐

Overrides

Messages

Comments

Hint

Onclick

Application: Global

Form button ☐

Form context menu ☐

Form link ☐

Form style: -- None --

List banner button ☐

List bottom button ☐

List context menu ☐

List choice ☐

List link ☐

List style: -- None --

Result:

UI Action resets form fields and shows alert.

## 6. Export & Import Update Set

Action Performed:

- Exported “Laptop Request” update set as XML.
- Imported into target instance.
- Committed the update set.

Screenshot:

Update Set

Laptop Request

Update

Back Out

\* Name

Laptop Request

State

Complete

Parent

Release date

Install date

2025-10-31 07:18:56

Installed from

Description

Application

Global

Created

2025-10-31 07:18:55

Created by

admin

Merged to

Update

Back Out

Related Links

[Export to XML](#)
[Merge With Another Update Set](#)
[Scan Update Set](#)
[Show Update's History](#)

Customer Updates (10)

Update Set Logs (12)

Child Update Sets

Created

Search

Update set = Laptop Request

	Created	Type	View	Target name	Updated by	Remote update set	Action
<input type="checkbox"/>	2025-10-31 07:18:55	Catalog UI Policy		show accessories details	admin	(empty)	INSERT_OR_UPDATE

Result:

All configurations migrated successfully.

## 7. Catalog Item Testing (Target Instance)

Action Performed:

- Opened Service Catalog > Hardware > Laptop Request item.

Test Cases:

- Three variables visible by default.
- When “Additional Accessories” is checked, “Accessories Details” becomes mandatory and visible.
- “Reset Form” button resets all fields.

Screenshot:

< Service Catalog > Hardware > Laptop Request

Back

Use this item to request a new laptop

Laptop Model

Justification

Accessories Details

Order this Item

Quantity 1

Delivery time 2 Days

Order Now

Add to Cart

Shopping Cart Empty

Result:

Form behaves as required.

Findings:

- Form loads quickly.
- Variable logic executes with minimal delay.
- No performance issues observed under expected load.

## 8. Conclusion

The Laptop Request Service Catalog item works as designed, and all dynamic logic performs within performance expectations. The process supports fast, user-friendly laptop requests.