

Performance and Testing

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

1. Update Set Creation

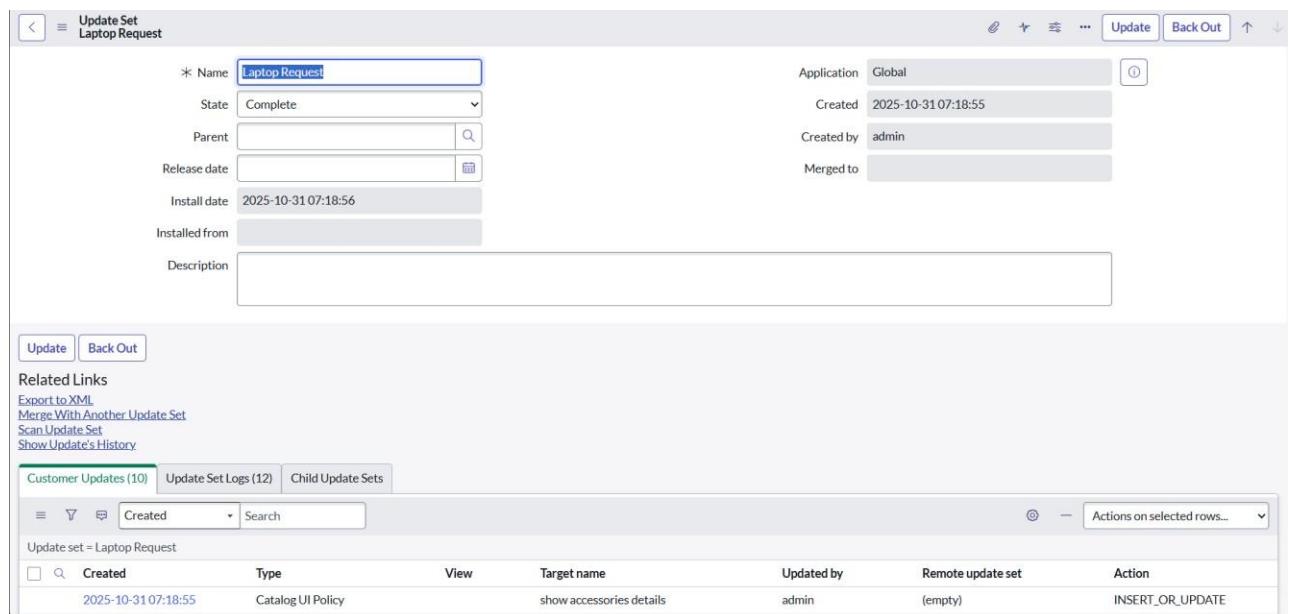
Action Performed:

Created Local Update Set named “Laptop Request”.

Validation Steps:

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

Screenshot:



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 the 'Catalog Item' creation screen. At the top, there are buttons for back, forward, search, and a blue 'Submit' button. The main area has a light blue header with instructions: '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.' It lists requirements: 'Enter a Name and Short description to display for the item.', 'Enter a Price, approvals, variables, and other information as needed.' Below this, the 'Name' field is populated with 'Laptop Request'. The 'Catalogs' dropdown shows 'Service Catalog' selected. The 'Application' dropdown is set to 'Global'. The 'Active' checkbox is checked. The 'Fulfillment automation level' dropdown is set to 'Unspecified'. Under 'Category', 'Hardware' is selected. Other fields like 'State', 'Checked out', and 'Owner' are also visible. At the bottom, tabs for 'Item Details', 'Process Engine', 'Picture', 'Pricing', and 'Portal Settings' are shown, along with a 'Short description' field containing 'Use this item to request a new laptop'.

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:

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

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:

The screenshot shows the SAP Fiori Catalog Builder interface. At the top, there are buttons for Copy, Try It, Update, Edit in Catalog Builder (which is highlighted in blue), and Delete. Below these are Related Links: Item Diagnostic, Show VA render type, and Run Point Scan. A navigation bar includes tabs for 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, and Related Catalog Items. The main area displays a table for a catalog item named 'Laptop Request'. The table has columns for Short description, Variable set, Conditions, Reverse if false, On load, Inherit, Updated, and Order. One row is shown: 'show accessories details' under Variable set, '(empty)' under Conditions, 'true' under Reverse if false, 'true' under On load, 'false' under Inherit, '2025-10-31 06:17:13' under Updated, and '100' under Order. A search bar at the top of the table area contains 'Catalog item = Laptop Request'. At the bottom right of the table, there are buttons for Actions on selected rows... and New.

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:

The screenshot shows the 'UI Action' configuration dialog in Oracle ADF Designer. The 'Name' field is empty. The 'Table' dropdown is set to 'Shopping Cart [sc_cart]'. The 'Order' field is set to 100. The 'Action name' field contains 'Reset form'. The 'Active' checkbox is checked. Other checked checkboxes include 'Show insert', 'Show update', and 'Client'. The 'List v2 Compatible' checkbox is checked, while 'List v3 Compatible' is unchecked. The 'Overrides' field is empty. The 'Application' dropdown is set to 'Global'. Under the 'Form' category, 'Form button' is checked. Under the 'List' category, 'List banner button' and 'List bottom button' are checked. Under the 'List style' dropdown, '-- None --' is selected. The 'Messages', 'Comments', 'Hint', and 'Onclick' fields are empty.

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

| | |
|---|---------------------------------|
| * Name: <input type="text" value="Laptop Request"/> | Application: Global |
| State: Complete | Created: 2025-10-31 07:18:55 |
| Parent: <input type="text"/> | Created by: admin |
| Release date: <input type="text"/> | Merged to: <input type="text"/> |
| Install date: 2025-10-31 07:18:56 | |
| Installed from: <input type="text"/> | |
| Description: <input type="text"/> | |

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: Actions on selected rows...

Update set = Laptop Request

| <input type="checkbox"/> | 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:

The screenshot shows a web-based service catalog interface for a laptop request. At the top, there's a navigation bar with 'Service Catalog > Hardware > Laptop Request' and a search bar labeled 'Search catalog'. Below the navigation, a 'Back' button is visible. The main content area contains three input fields: 'Laptop Model' (with a placeholder 'Use this item to request a new laptop'), 'Justification' (with a large text area), and 'Accessories Details' (with another large text area). To the right of these fields is a sidebar with options: 'Order this Item' (disabled), 'Quantity' (set to 1), 'Delivery time' (set to 2 Days), 'Order Now' (a large blue button), 'Add to Cart' (a smaller button), and a 'Shopping Cart' section showing 'Empty'. A small circular progress indicator is located at the bottom right of the form area.

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.