



Item Overview

Experience Designer

Version 1.0

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Item Overview

About this app

App name	Item Overview
App shortname	XM3ITEMOV

Introduction

This document describes an example application created from the M3 Experience Designer named Item Overview. This example application can be used as a template i.e. starting point for customers to develop and mature this further using the M3 Experience Designer application tool.

Item Overview is an application for users who needs to get item information of different kinds in an easy way.

The functionality of the application includes:

- Basic data/Logistics data with possibilities to update
- Inventory overview
- Lists of customer and purchase orders
- List showing bill of material for selected item

M3 Business Engine configuration

The following M3 BE configurations are needed in order to get the Item Overview application to work:

- The IDM link to item image is using the standard document type “M3 Document”. The IDM links need to be checked/re-configured in the environment where the application is deployed.
- Three custom lists needs to be imported to CMS010:
 - XM3ITEMOV_01 – Item Warehouse
 - XM3ITEMOV_02 – Purchase Order Lines
 - XM3ITEMOV_03 – Item Statistics

For more details regarding specific configuration per component, see the chapter ‘Components’.

Limitations

- The application is only available in English (translations can be added)
- This application will not work in H5 Classic, the new version of H5 must be enabled.

How to use the application

The application starts with a list of items. You can search for your item, and when you select an item in the list, the other parts of the application will be populated with data.

The item information tab shows basic data from item master, and item statistics. To see item statistics you need to choose a warehouse in the list. You can update basic data for the item directly in the form.

Logistics information shows all warehouses the item is connected too. When you choose a warehouse, the other components on the tab will be populated.

The inventory tab is showing stock balance for all warehouses where stock balance is available for the item. When you click on a warehouse, you will see the locations where you can find stock, and the material plan for selected warehouse.

The tabs for purchase orders and customer orders shows all order lines for the item. The search fields above the list makes it possible to filter the list to show what you are most interested in.

Bill of material shows the bill of material for the item. As default, the facility from your user will be selected, but you can choose another facility if you enter a value in the facility field above the list.

Components

Component	Component details
Items	Purpose: Show a list of items Comment: Component ID: IndexList_Items Data services used: Functional search: MITMAS
Basic Data	Purpose: Shows basic data for the item, possibility to update fields on the screen. Component ID: Form_ItemBasic Data service used: Get_ItemData/Update_ItemBasic

Component	Component details
Warehouse	<p>Purpose: List warehouses where the item is available. Click on a warehouse to see item statistics for that warehouse.</p> <p>Comment: Uses LISTMI, information category XM3ITEMOV_01, view EXP_01</p> <p>Component ID: DataGrid_WarehouseOverview</p> <p>Data services used: List_ItemWarehouseLogistics</p> <p>Functional search: MITBAL</p>
Purchased Qty - Last 6 Months	<p>Purpose: Show purchased quantity from the item statistics for the last 6 periods. (For selected warehouse)</p> <p>Comment: Uses LISTMI, information category XM3ITEMOV_03, view EXP_01</p> <p>Component ID: Chart_PurchasedQuantity</p> <p>Data services used: List_SoldQty</p> <p>Functional search: MITSTA</p>
Sold Qty - Last 6 Months	<p>Purpose: Show sold quantity from the item statistics for the last 6 periods. (For selected warehouse)</p> <p>Comment: Uses LISTMI, information category XM3ITEMOV_03, view EXP_01</p> <p>Component ID: Chart_SoldQuantity</p> <p>Data services used: List_SoldQty</p> <p>Functional search: MITSTA</p>
Item Warehouse	<p>Purpose: Show warehouse records for selected item. Select a warehouse to see more information.</p> <p>Comment: Uses LISTMI, information category XM3ITEMOV_01, view EXP_01</p> <p>Component ID: DataGrid_ItemWarehouseLogistics</p> <p>Data services used: List_ItemWarehouseLogistics</p> <p>Functional search: MITBAL</p>
Costing	<p>Purpose: Shows costing for the facility connected to chosen warehouse.</p> <p>Component ID: Form_Cost</p> <p>Data services used: Get_ItemFacility</p>
Alias Numbers	<p>Purpose: Shows alias numbers for selected item.</p> <p>Component ID: DataGrid_Alias</p> <p>Data services used: List_Alias</p>

Component	Component details
Planning parameters	<p>Purpose: Show/update planning parameters for selected item/warehouse</p> <p>Component ID: Form_PlanningDetails</p> <p>Data services used: Get_ItemWarehouseData/ Update_PlanningParameters</p>
Stock parameters	<p>Purpose: Show/update stock parameters for selected item/warehouse</p> <p>Component ID: Form_StockParameters</p> <p>Data services used: Get_ItemWarehouseData/ Update_StockParameters</p>
Item Image	<p>Purpose: Show an image of the item</p> <p>Comment: The image shown is stored in IDM. The setup is done with the following IDM settings: Document type = M3 Document Attributes: Document Type = Image Attribute value = Item number</p> <p>Component ID: Media_ItemImage</p>
Inventory per warehouse	<p>Purpose: Show inventory per warehouse for selected item. Only records with stock balance are shown in the list.</p> <p>Comment: Uses LISTMI, information category XM3ITEMOV_01, view EXP_01</p> <p>Component ID: DataGrid_InventoryPerWarehouse</p> <p>Data services used: List_ItemWarehouseInventory</p> <p>Functional search: MITBAL</p>
Stock balance per warehouse	<p>Purpose: Show detailed stock balance per warehouse</p> <p>Component ID: DataGrid_StockBalancePerWarehouse</p> <p>Data services used: List_StockBalancePerWarehouseItem</p>
Material plan	<p>Purpose: Show the materialplan for selected item/warehouse</p> <p>Component ID: DataGrid_MaterialPlan</p> <p>Data services used: List_MaterialplanInventory</p>

Component	Component details
Customer order lines	<p>Purpose: Shows customer order lines per item.</p> <p>Comment: Use the specific search fields to find the order lines you are looking for</p> <p>Component ID: DataGrid_COLines</p> <p>Data services used: List_COLines</p> <p>Functional search: OOLINE</p>
Purchase order lines	<p>Purpose: Shows purchase order lines per item.</p> <p>Comment: Use the specific search fields to find the order lines you are looking for. Uses LISTMI, information category XM3ITEMOV_02, view EXP_01</p> <p>Component ID: DataGrid_POLines</p> <p>Data services used: List_POLines</p> <p>Functional search: MPLINE</p>
Bill of material	<p>Purpose: Show bill of material for selected item. The facility connected to the user is shown as default.</p> <p>Component ID: DataGrid_BillOfMaterial</p> <p>Data services used: List_BillOfMat</p> <p>Functional search: MPDMAT</p>