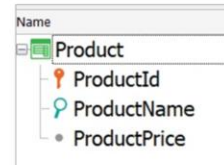
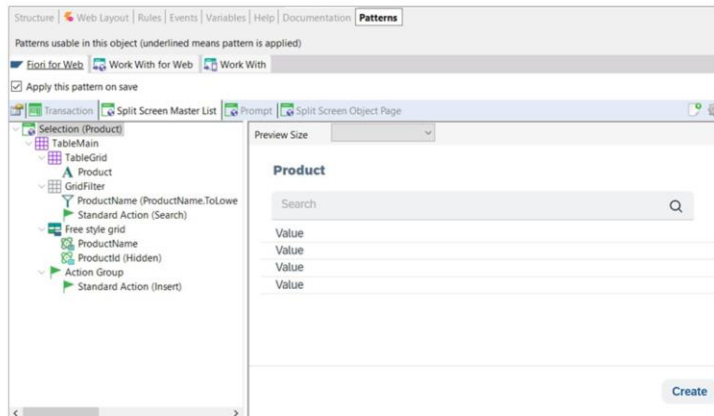


# Using patterns: Fiori for Web

## Part 2

As we continue to develop our application integrated into SAP ERP, we apply the Fiori for Web pattern to the Product transaction.

## Fiori for Web: Split Screen Master list



We open the transaction and, in the Patterns tab, we choose Fiori for Web. This time we choose the Split Screen Master List floorplan.

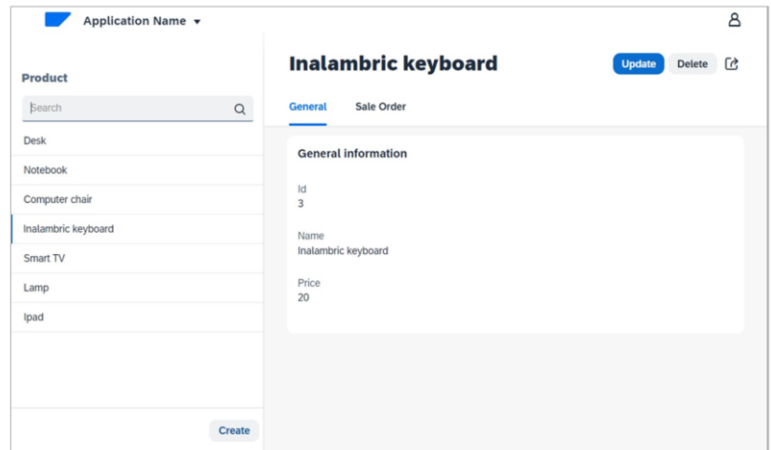
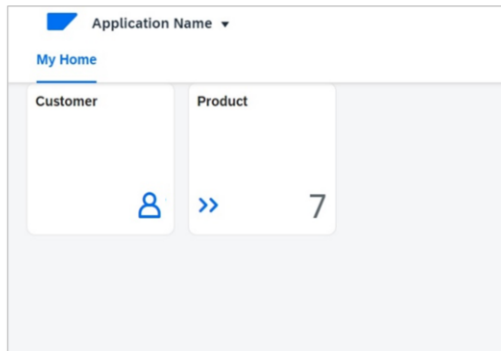
In the tab with the same name, we see the list of products. This screen offers a grid with only the product name. The identifier is hidden, and the action of inserting a new product is also offered.

Note that it also defines a filter by product name. Why does the grid show only the product name and the filter is automatically defined also by product name?

Because it is the descriptor attribute. Remember that the descriptor attribute is the one with the most semantic weight in the definition of a transaction, and it is the attribute identified by the magnifying glass icon.

The pattern, then, automatically defines the filter by the descriptor attribute.

## Fiori for Web: Split Screen Master list



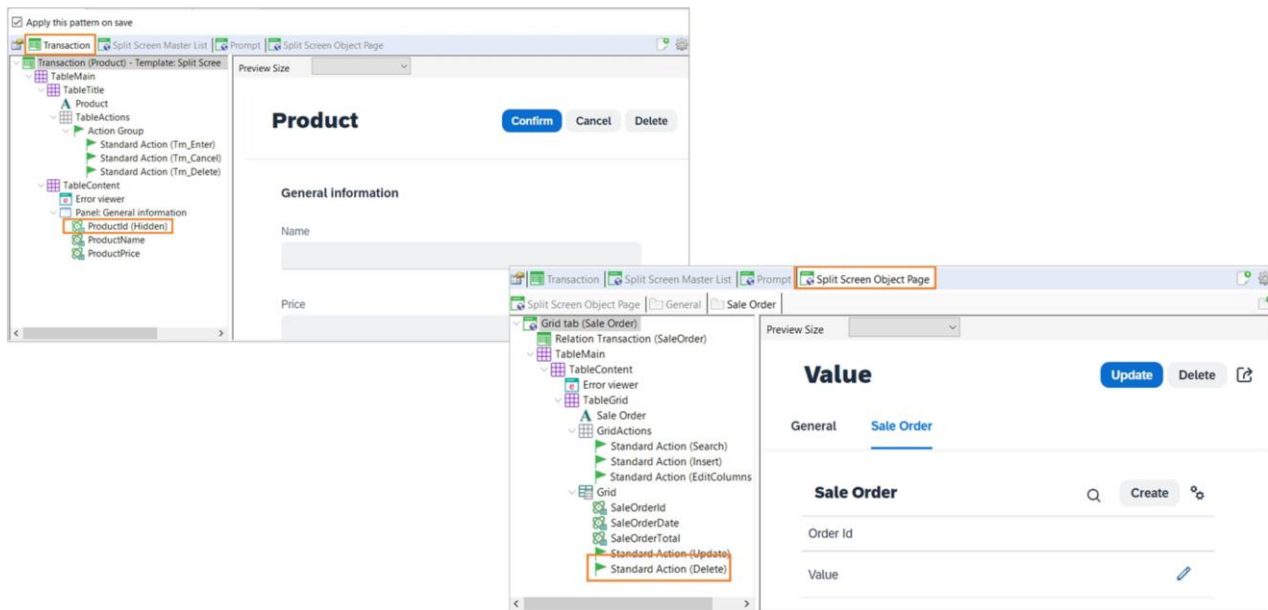
Let's press F5 to see it running. We see the card indicating the number of products, and the list of registered products. When selecting a product we see its general information, with the Update and Delete options, and the sales orders associated with this product. Remember that in our transaction design there is an N-N relationship between the Product and Sales Order entities. We saw earlier that we cannot delete a record that has related information, but this product has no related sales orders, so we can delete it without any problem.

OK. Now let's add a new product...

As the Id is autonumbered we don't specify it because we know that GeneXus will assign its value automatically... we fill in the data... and confirm...

So if GeneXus handles the product ID autonumbering, we will remove it from this screen.

## Fiori for Web: Split Screen Master list

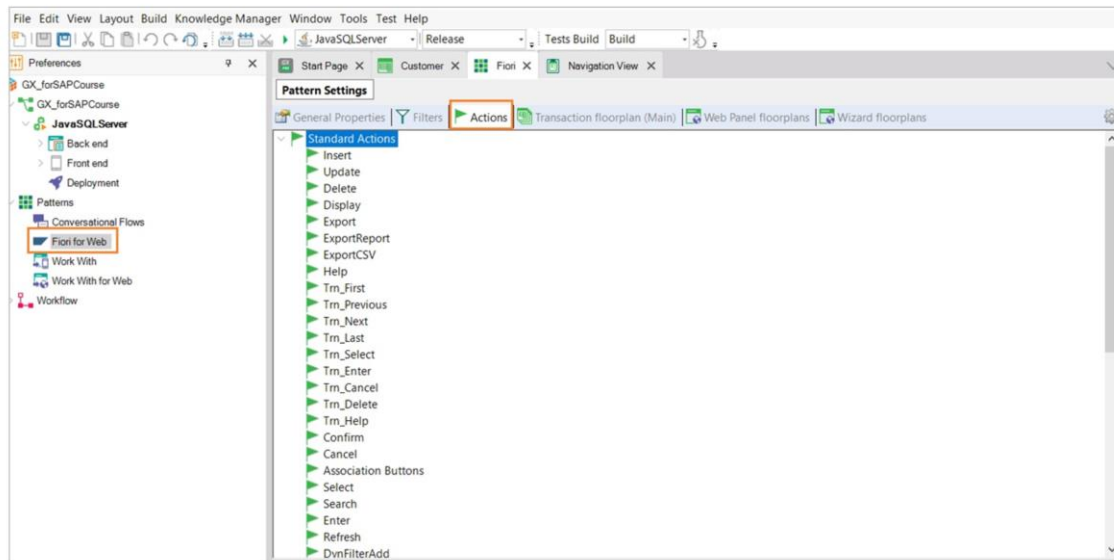


We go back to GeneXus.

The screen that allows entering a product is the one corresponding to the Transaction tab. In the ProductId attribute, we set its Visible property to False and see that it is removed from the preview.

We also want to eliminate the possibility of deleting the sales orders so, in the SalesOrder tab, we select the Delete action in the Grid node and change the default value to No.

## Fiori for Web: <default> values



Ok, but before we see all these changes at runtime let's take a look at the following: Where do the default values come from?

These values are in an object that centralizes everything this pattern does. We find it in Preferences / Patterns / Fiori for Web. We go to the Actions tab and here we have the actions we were working with.

Now we press F5.

## Fiori for Web: Tile personalization (Image)

The screenshot displays the GeneXus IDE interface for configuring a Fiori tile. On the left, the object model shows a 'Product' table with columns for 'Product Name', 'Product ID', and 'Standard Action'. The center pane shows a preview of the 'Product' table with a search bar and three rows of data. The right pane shows the properties of the 'Launchpad' tab, with the 'Include In Launchpad' property set to 'True' and the 'Tile Type' property set to 'Image'.

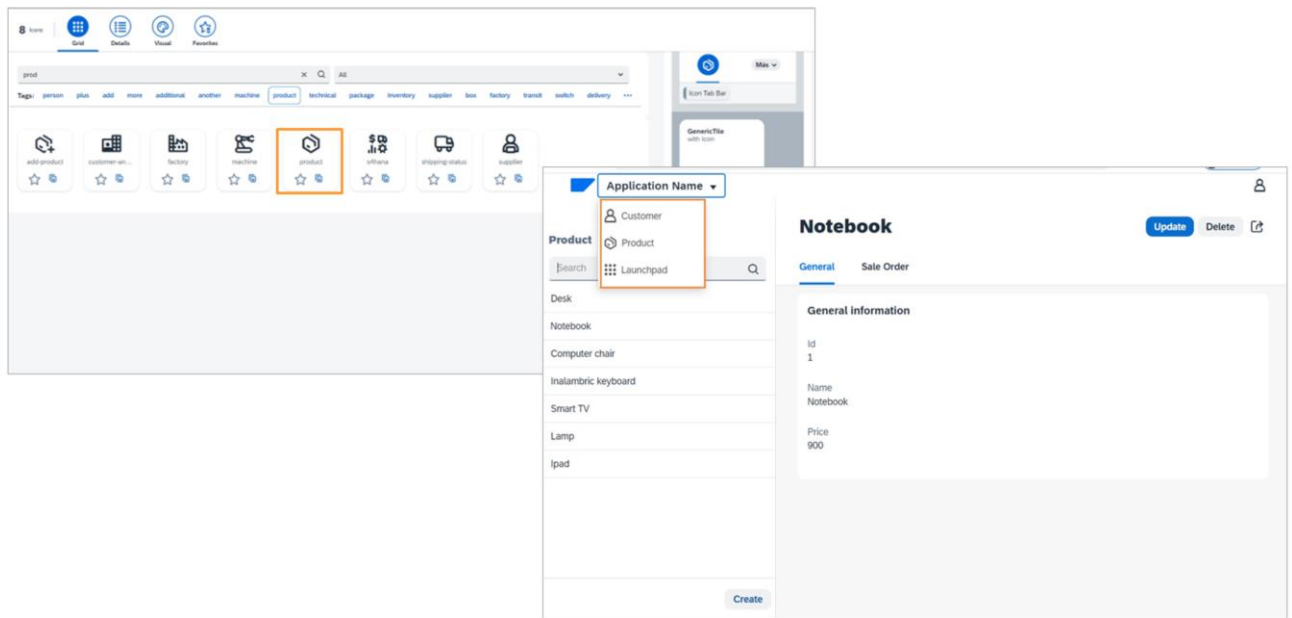
Page	50
Is Main	False
Master Page	<default>
Form Theme Class	FormSplitScreen
Is Split Screen Template	True
<b>Generation options</b>	
Update Object	Create default
Web User Experience	Use model property
Base Web Form	Use model property
<b>Launchpad</b>	
Include In Launchpad	True
Tile Category	
Tile Type	Image
Tile Image	MyProducts
Tile Size	2 blocks
Tile Order Index	0

Let's go back to the launchpad. We will customize this card. We want it to look like an image.

Let's see the properties of the root of the Split Screen Master List tab. The Tile Type property is set to Information by default, but now we choose the Image option.

Here we must indicate the image to show, which must be previously integrated into the knowledge base.. We also indicate the size of the card. And we press F5 to see it running...

## Fiori for Web: Master page menu



OK. Now, note the following. We are working with the products. If we want to work with customers, we must return to the launchpad... and choose the Customer card. There is no way to go directly.

We want to be able to navigate between entities from the Master Page menu.

We go back to GeneXus, and look at this property Include in Master Page Menu. It is set to False, so we set it to True.

And we are going to do the same with the Customer transaction. From the root of the List Report tab, we set the same property to True...

Let's execute again... Now we achieve the behavior we wanted. All that's left is to add an icon that represents the products.

We look for the code... And assign it to the corresponding property in the root of the Split Screen Master List tab.

We run it again..

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