



PUBLIC

Adapt an SAP Fiori app as a Key User Exercise

THE BEST RUN



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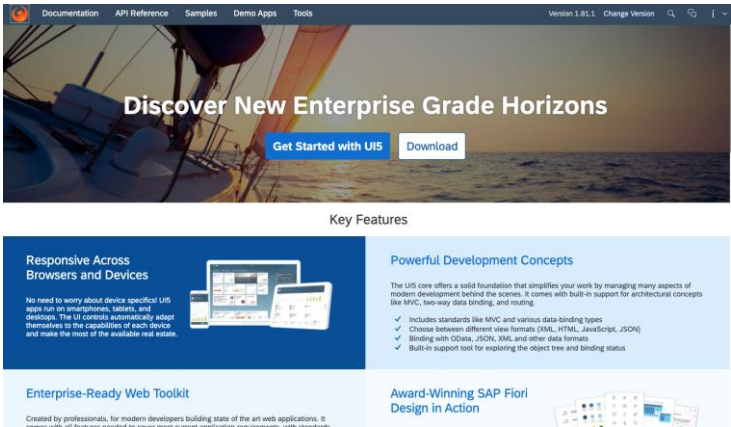
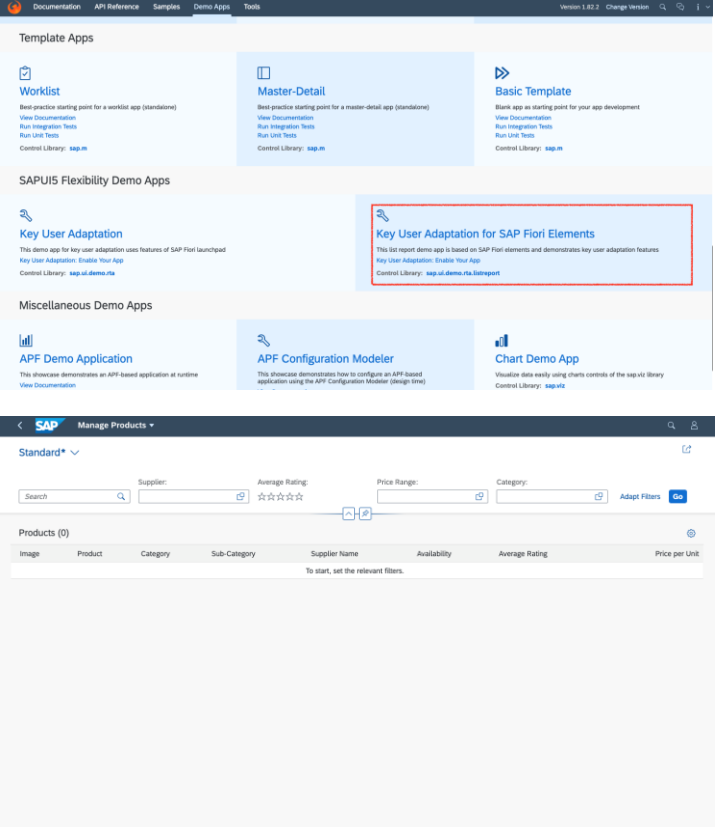
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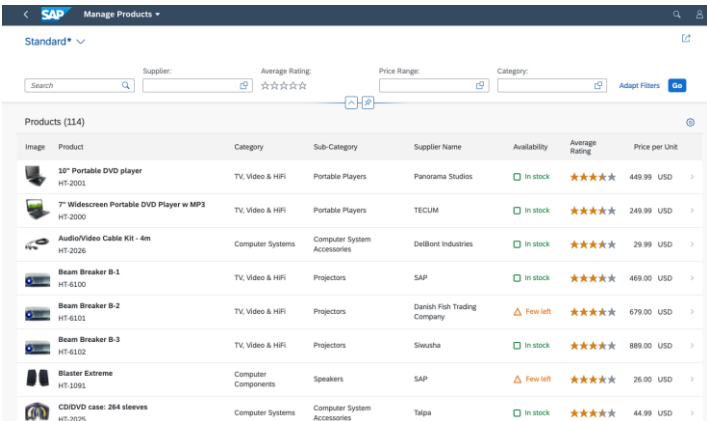
THE BEST RUN



THE MANAGE PRODUCTS APP

Launching this app shows a standard SAP Fiori app for managing products. As a key user / business expert you know how the end users in your line of business work.

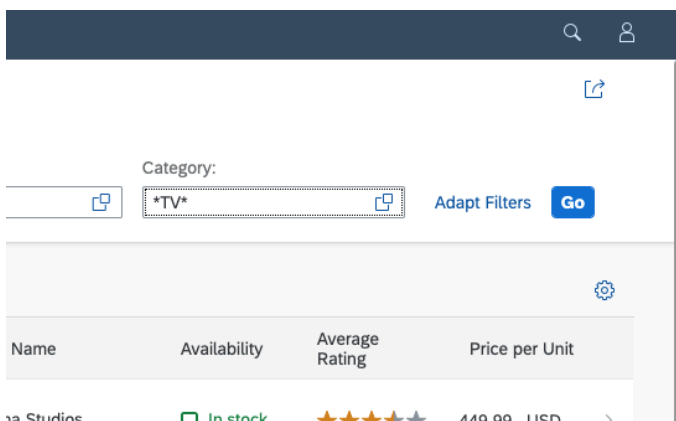
Tutorial step	Screen
<p>Open the SAPUI5 Demo Kit with this link.</p>	
<p>Open the Manage Products app by clicking Demo Apps -> SAPUI5 Flexibility Demo Apps -> <u>Key User Adaptation for SAP Fiori Elements</u></p>	

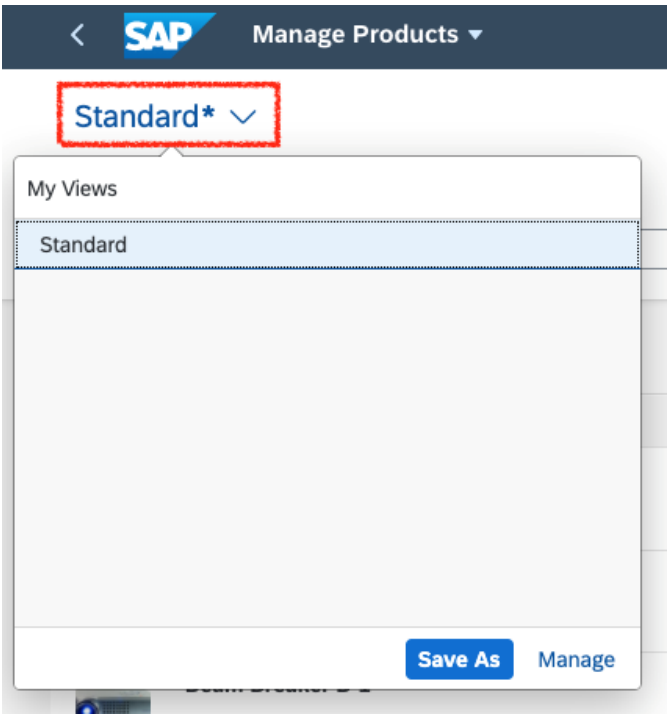
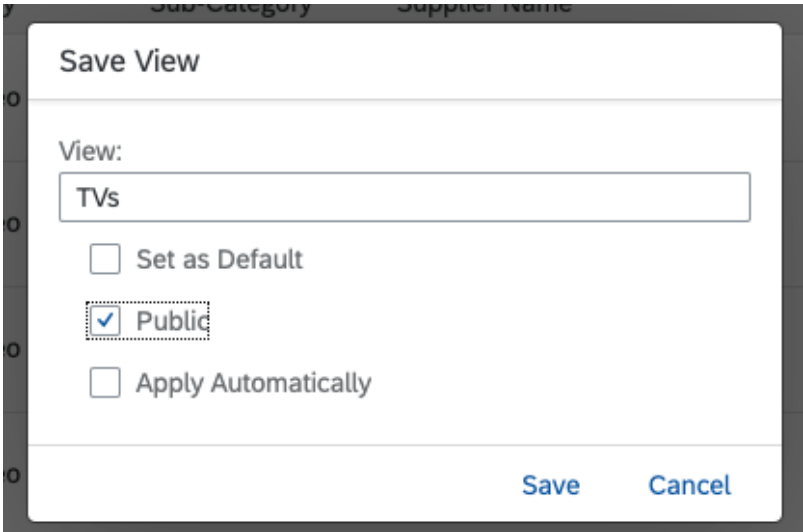
Tutorial step	Screen
<p>Click Go to search for products.</p> <p>Select a product to see its details.</p> <p>Go Back to the list of products.</p>	

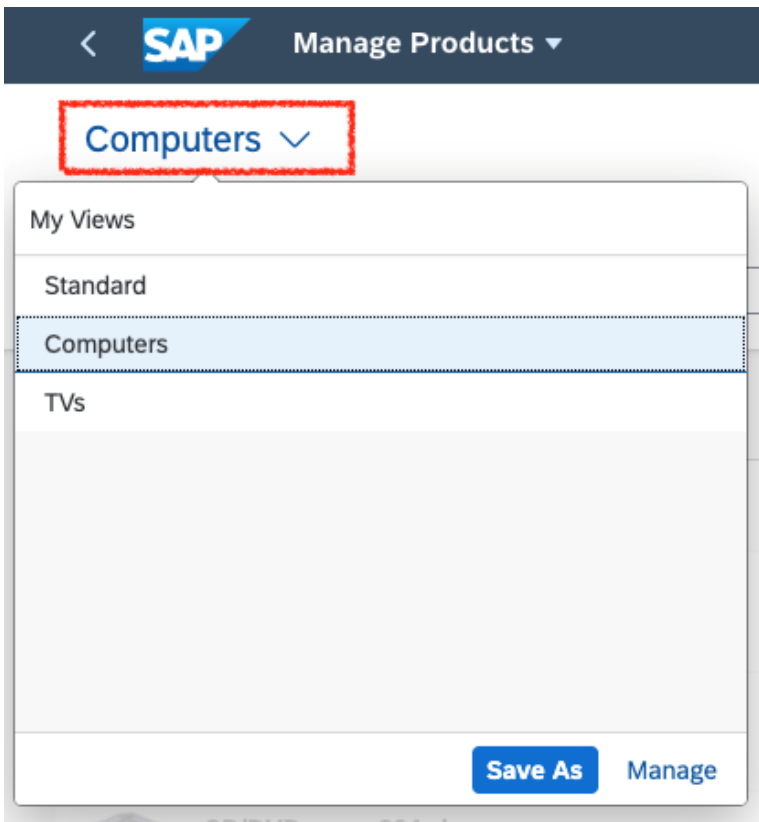
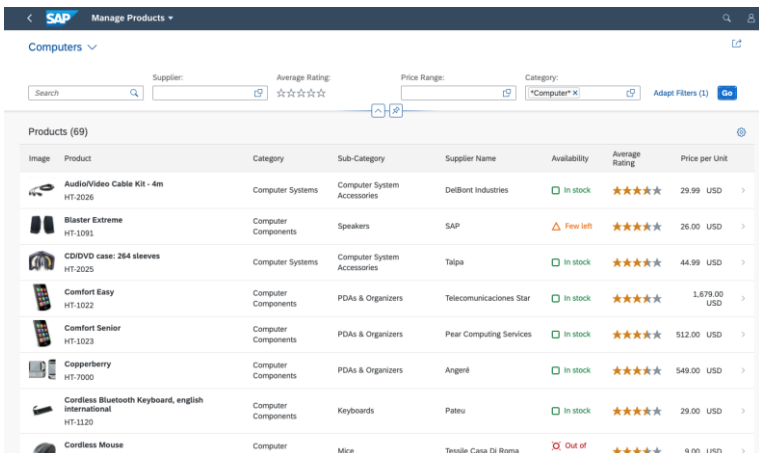
VIEWS FOR TVS AND COMPUTERS

As a key user, you have some technical understanding, but you are not a developer. Nevertheless, you want to tailor this app for many end users in your LoB, so that they can work efficiently.

In your LoB you have two groups of end users, one group is working with TVs, the other group with Computers. You want to provide them an easy way to access the products they need.

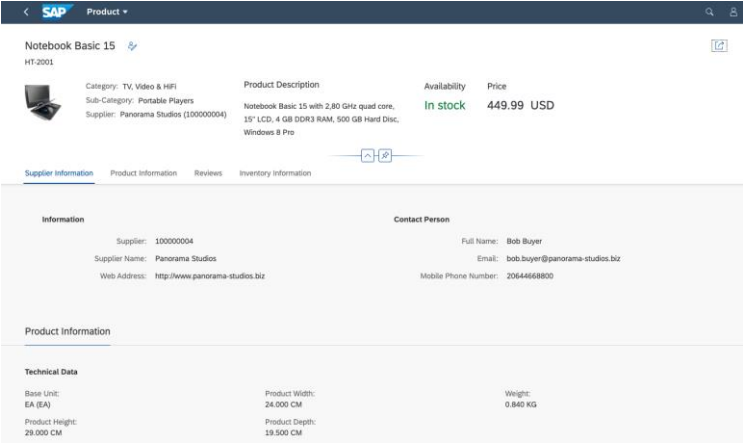
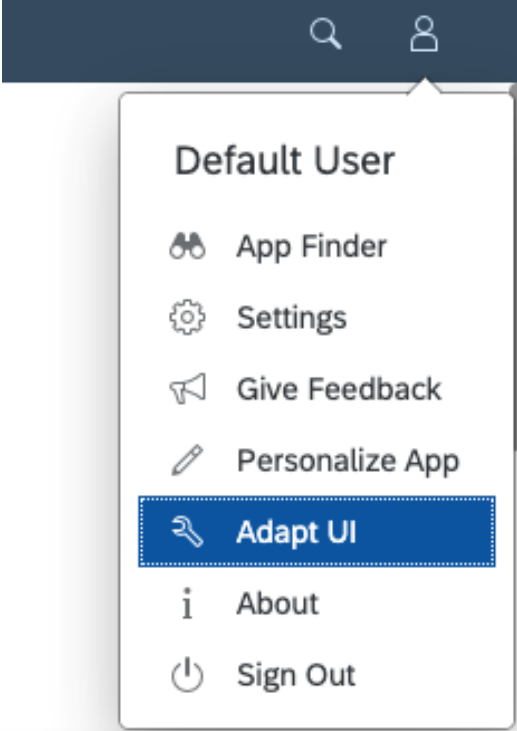
Tutorial step	Screen
<p>Filter for category *TV* and click Go.</p> <p>Note that the product list shows TVs only.</p>	

Tutorial step	Screen
Save this view as ...	 <p>The screenshot shows the SAP 'Manage Products' interface. A dropdown menu is open, displaying 'Standard*' with a downward arrow. The dropdown list contains the option 'Standard', which is highlighted. At the bottom of the dropdown, there are two buttons: 'Save As' and 'Manage'.</p>
... public view TVs .	 <p>The screenshot shows the 'Save View' dialog box. The 'View:' field contains the text 'TVs'. Below this field, there are three checkboxes: 'Set as Default' (unchecked), 'Public' (checked), and 'Apply Automatically' (unchecked). At the bottom right of the dialog, there are two buttons: 'Save' and 'Cancel'.</p>

Tutorial step	Screen																																																																								
<p>Repeat these steps:</p> <ol style="list-style-type: none">1. Filter for category *Computer*2. Save this view as public view Computers	 <p>The screenshot shows the SAP 'Manage Products' interface. At the top, there's a header with the SAP logo and 'Manage Products'. Below this, a red box highlights the 'Computers' view in the 'My Views' list. The list also includes 'Standard' and 'TVs'. At the bottom right, there are 'Save As' and 'Manage' buttons.</p>																																																																								
<p>End users will be able to use these predefined views to access the products they need, without any further customization:</p> <ul style="list-style-type: none">• Select view TVs and click Go• Select view Computers and click Go• Select view Standard and click Go to see all products	 <p>The screenshot shows the SAP 'Manage Products' interface with the 'Computers' view selected. The top navigation bar includes filters for Supplier, Average Rating, Price Range, and Category (set to '*Computer*'). Below the filters, a table lists 69 products. The table has columns for Image, Product, Category, Sub-Category, Supplier Name, Availability, Average Rating, and Price per Unit.</p> <table><tr><th>Image</th><th>Product</th><th>Category</th><th>Sub-Category</th><th>Supplier Name</th><th>Availability</th><th>Average Rating</th><th>Price per Unit</th></tr><tr><td></td><td>Audio/Video Cable Kit - 4m HT-2026</td><td>Computer Systems</td><td>Computer System Accessories</td><td>DeiBont Industries</td><td>In stock</td><td>★★★★★</td><td>29.99 USD</td></tr><tr><td></td><td>Blaster Extreme HT-1091</td><td>Computer Components</td><td>Speakers</td><td>SAP</td><td>Few left</td><td>★★★★★</td><td>26.00 USD</td></tr><tr><td></td><td>CD/DVD case: 264 sleeves HT-2025</td><td>Computer Systems</td><td>Computer System Accessories</td><td>Talpa</td><td>In stock</td><td>★★★★★</td><td>44.99 USD</td></tr><tr><td></td><td>Comfort Easy HT-1022</td><td>Computer Components</td><td>PDA's & Organizers</td><td>Telecomunicaciones Star</td><td>In stock</td><td>★★★★★</td><td>1.879.00 USD</td></tr><tr><td></td><td>Comfort Senior HT-1023</td><td>Computer Components</td><td>PDA's & Organizers</td><td>Pear Computing Services</td><td>In stock</td><td>★★★★★</td><td>512.00 USD</td></tr><tr><td></td><td>Copperberry HT-7000</td><td>Computer Components</td><td>PDA's & Organizers</td><td>Angeré</td><td>In stock</td><td>★★★★★</td><td>549.00 USD</td></tr><tr><td></td><td>Cordless Bluetooth Keyboard, english international HT-1120</td><td>Computer Components</td><td>Keyboards</td><td>Pateu</td><td>In stock</td><td>★★★★★</td><td>29.00 USD</td></tr><tr><td></td><td>Cordless Mouse</td><td>Computer Components</td><td>Mice</td><td>Tessile Casa Di Roma</td><td>Out of stock</td><td>★★★★★</td><td>9.00 USD</td></tr></table>	Image	Product	Category	Sub-Category	Supplier Name	Availability	Average Rating	Price per Unit		Audio/Video Cable Kit - 4m HT-2026	Computer Systems	Computer System Accessories	DeiBont Industries	In stock	★★★★★	29.99 USD		Blaster Extreme HT-1091	Computer Components	Speakers	SAP	Few left	★★★★★	26.00 USD		CD/DVD case: 264 sleeves HT-2025	Computer Systems	Computer System Accessories	Talpa	In stock	★★★★★	44.99 USD		Comfort Easy HT-1022	Computer Components	PDA's & Organizers	Telecomunicaciones Star	In stock	★★★★★	1.879.00 USD		Comfort Senior HT-1023	Computer Components	PDA's & Organizers	Pear Computing Services	In stock	★★★★★	512.00 USD		Copperberry HT-7000	Computer Components	PDA's & Organizers	Angeré	In stock	★★★★★	549.00 USD		Cordless Bluetooth Keyboard, english international HT-1120	Computer Components	Keyboards	Pateu	In stock	★★★★★	29.00 USD		Cordless Mouse	Computer Components	Mice	Tessile Casa Di Roma	Out of stock	★★★★★	9.00 USD
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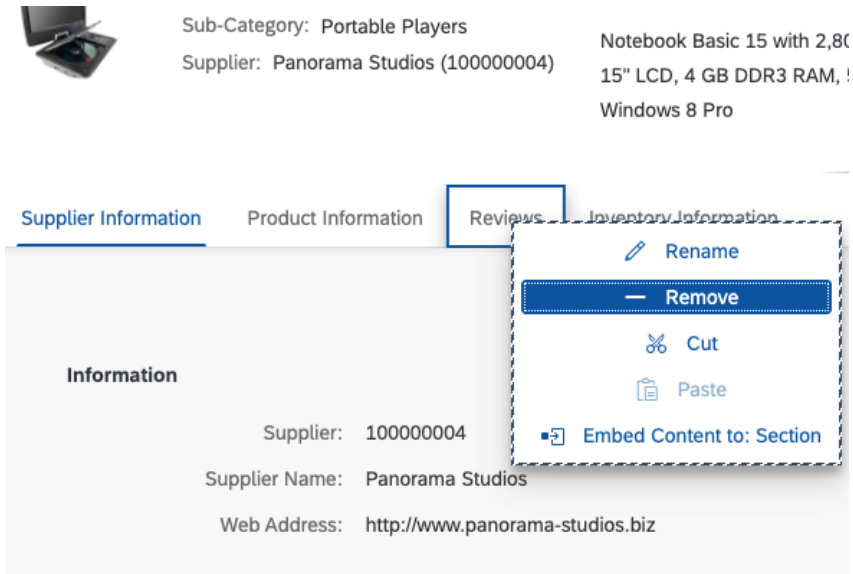
ADAPTING THE PRODUCT DETAIL SCREEN

As a key user you know that the product details screen is not yet perfect for your end users: There's too much information they don't need, and some information is in wrong place. This is not what the end users expect from the Manage Products app.

Tutorial step	Screen
Click on one of the products to navigate to the product detail screen.	
Click 'Adapt UI' to start the key user adaptation mode. (This option is available for key users only, defined by a specific authorization.) If needed, confirm the Information dialog.	

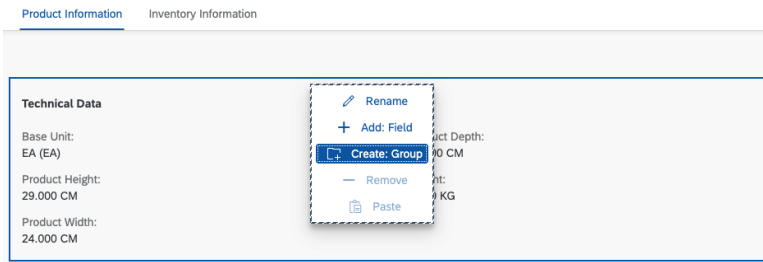
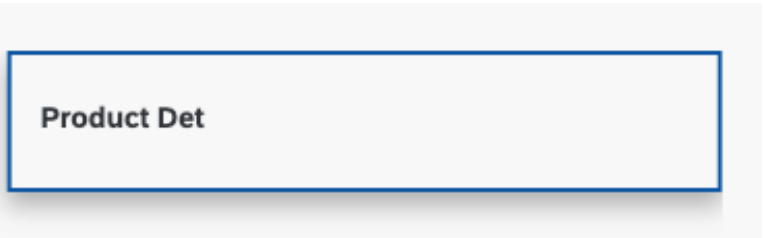
Removing the Reviews section

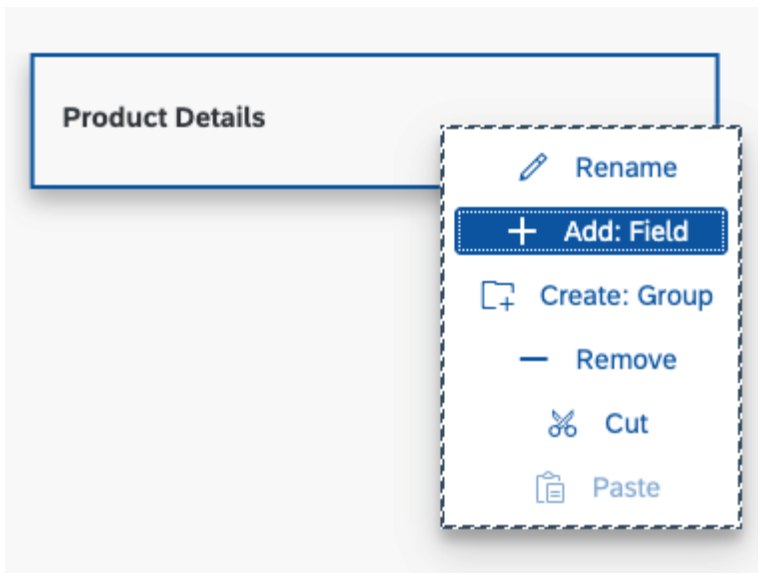
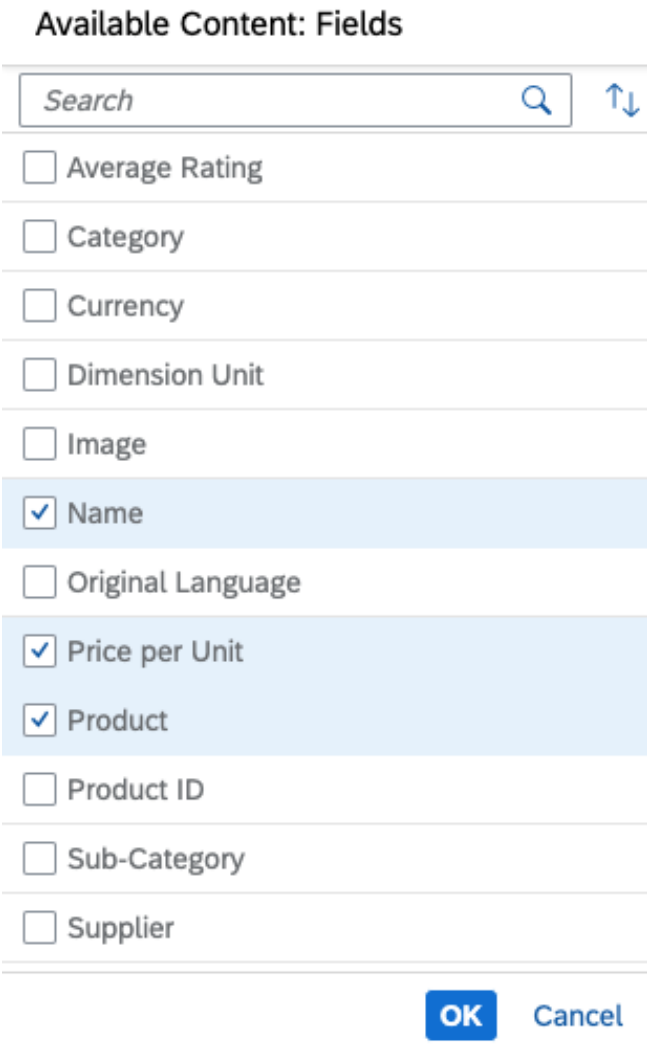
As the product reviews and supplier information are not relevant for your end users, you remove these sections

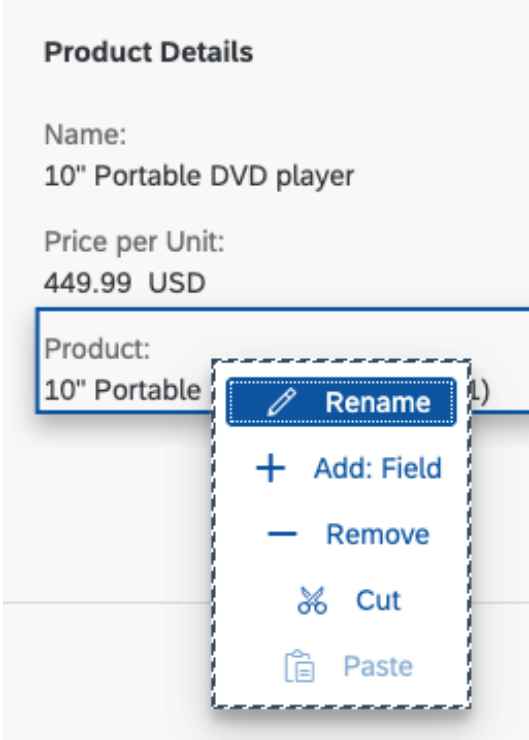
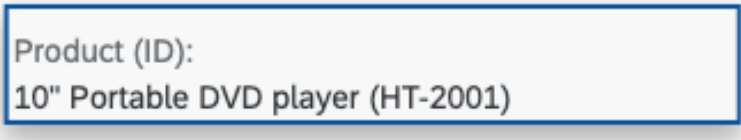
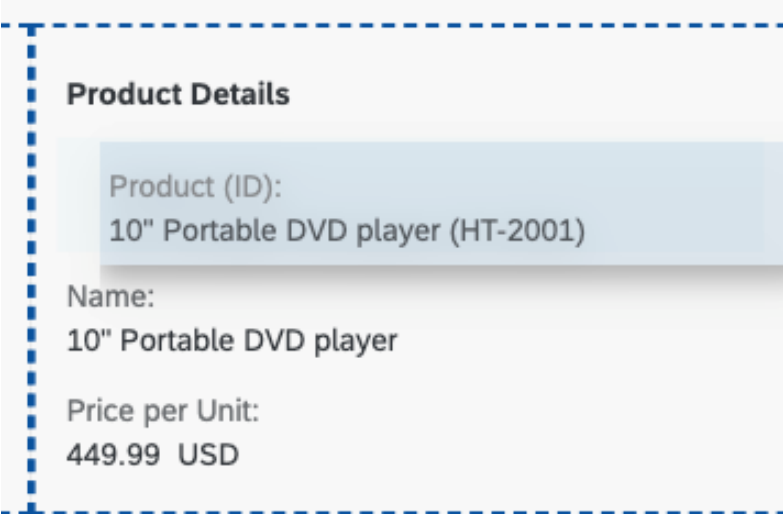
Tutorial step	Screen
<ul style="list-style-type: none"> Use the context menu for section Reviews to click Remove Repeat the same for section Supplier Information 	 <p>The screenshot shows a product page for 'Notebook Basic 15 with 2,800,000,000 Pixels' by 'Panorama Studios'. The 'Reviews' section is highlighted with a context menu open, showing options: 'Rename', 'Remove', 'Cut', 'Paste', and 'Embed Content to: Section'. The 'Remove' option is highlighted in blue.</p>

Adding product details

End users need more information directly in the Product Information section.

Tutorial step	Screen
<p>Create a new group in the Product Information section:</p> <ol style="list-style-type: none"> Use the context menu within the Technical Data section (note the blue frame) And click Create Group 	 <p>The screenshot shows the 'Product Information' section with a 'Technical Data' section highlighted by a blue border. A context menu is open over the 'Technical Data' section, showing options: 'Rename', 'Add: Field', 'Create: Group', 'Remove', and 'Paste'. The 'Create: Group' option is highlighted in blue.</p>
<p>Name the new group Product Details by typing over the default name New: Group</p>	 <p>The screenshot shows the 'Product Information' section with a new group named 'Product Det' (partially visible) created within the 'Technical Data' section.</p>

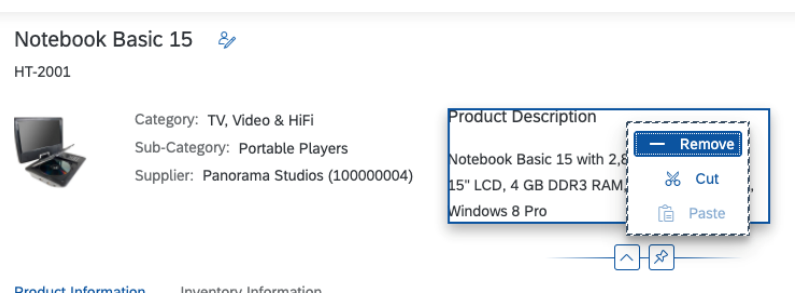
Tutorial step	Screen
<p>Right click on the new group and select Add: Field</p>	
<p>Select fields</p> <ul style="list-style-type: none"> • Name • Price per Unit • Product <p>and click OK.</p>	

Tutorial step	Screen
<p>Change the label of the Product field:</p> <p>On the Product field use the context menu to choose Rename.</p> <p>Note that the field arrangement might look different on your screen: SAPUI5 automatically positions the fields to fit various screen sizes. This way the same app can be used on desktop and mobile screens.</p>	
<p>Add (ID) to the label</p>	
<p>Use drag&drop to move the Product ID field to the first position within the Product Details group.</p>	

Tutorial step	Screen
Drag & drop the Product Details group to be the first group in the Product Information section.	<div><div>Product Information</div><div>Inventory Information</div><div><div><div><div><div>Product Details</div><div>Product (ID): 10" Portable DVD player (HT-2001)</div><div>Name: 10" Portable DVD player</div><div>Price per Unit: 449.99 USD</div></div><div><div>Technical Data</div><div>Base Unit: EA (EA)</div><div>Product Height: 29.000 CM</div><div>Product Width: 24.000 CM</div></div><div><div>Product Depth: 19.500 CM</div><div>Weight: 0.840 KG</div></div></div></div></div></div>

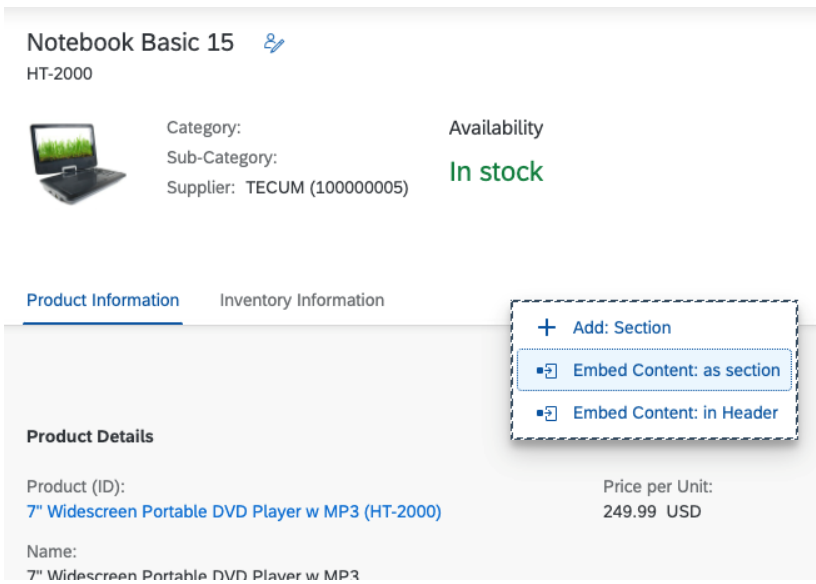
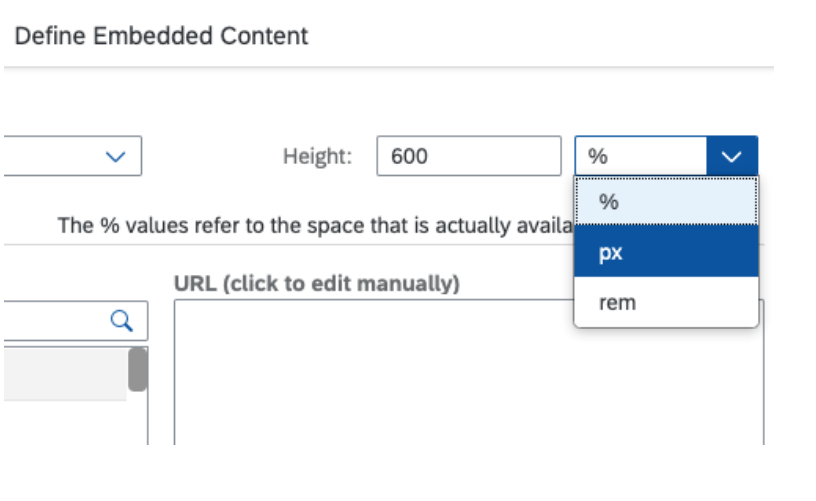
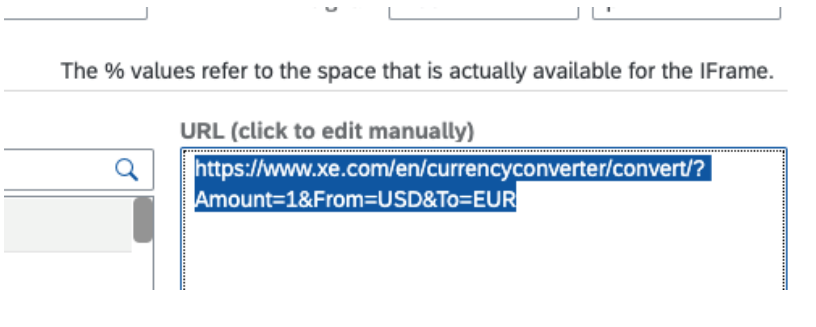
Cleaning up the header


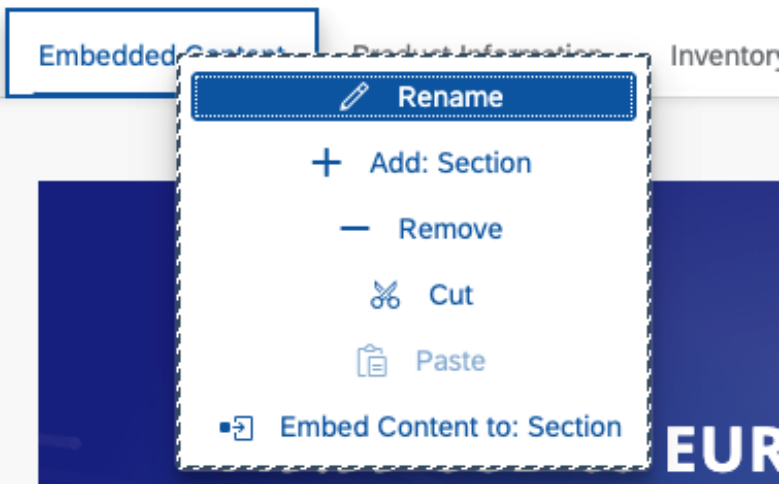
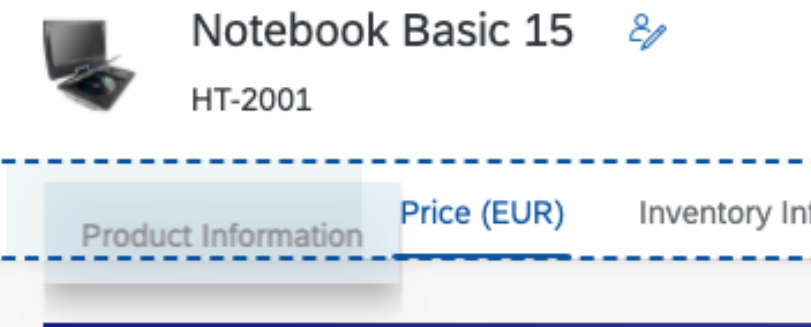
Now all the information relevant for the end users is in the **Product Information** section and you can clean up the header to simplify to the app:

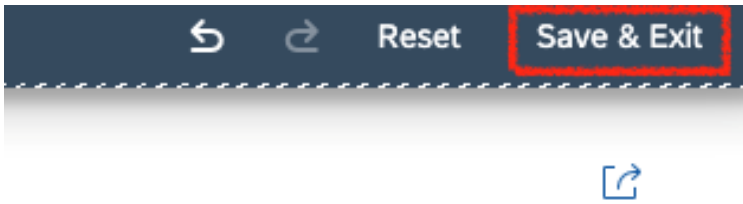
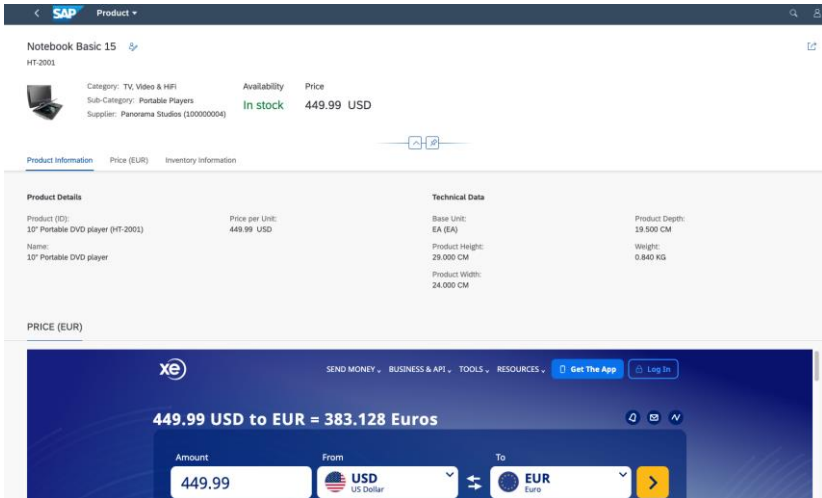
Tutorial step	Screen										
<p>Remove the groups which are not needed:</p> <ul style="list-style-type: none"> • Product Description • Price 	 <p>The screenshot shows the 'Notebook Basic 15' product page with the 'Product Information' tab active. The 'Product Description' group is highlighted with a dashed blue border. The group contains the following fields:</p> <table border="1"> <thead> <tr> <th colspan="2">Product Description</th> </tr> </thead> <tbody> <tr> <td>Category:</td> <td>TV, Video & HiFi</td> </tr> <tr> <td>Sub-Category:</td> <td>Portable Players</td> </tr> <tr> <td>Supplier:</td> <td>Panorama Studios (1000000004)</td> </tr> <tr> <td>Price:</td> <td>449.99 USD</td> </tr> </tbody> </table> <p>A context menu is open over the Price field, showing the following options: Remove, Cut, and Paste.</p>	Product Description		Category:	TV, Video & HiFi	Sub-Category:	Portable Players	Supplier:	Panorama Studios (1000000004)	Price:	449.99 USD
Product Description											
Category:	TV, Video & HiFi										
Sub-Category:	Portable Players										
Supplier:	Panorama Studios (1000000004)										
Price:	449.99 USD										

Embedding external content: currency converter

Let's assume the end users need some external content to work efficiently: They need a simple way to convert the product price to Euro.

Tutorial step	Screen
<p>Right click the section header line (e.g., next to 'Inventory Information') and select Embed Content: as section.</p>	 <p>Notebook Basic 15 HT-2000</p> <p>Category: Sub-Category: Supplier: TECUM (100000005)</p> <p>Availability: In stock</p> <p>Product Information Inventory Information</p> <p>Product Details</p> <p>Product (ID): 7" Widescreen Portable DVD Player w MP3 (HT-2000)</p> <p>Price per Unit: 249.99 USD</p> <p>Name: 7" Widescreen Portable DVD Player w MP3</p>
<p>In the Define Embedded Content dialog, enter Height as 600 px.</p>	 <p>Define Embedded Content</p> <p>Height: 600 %</p> <p>The % values refer to the space that is actually available</p> <p>URL (click to edit manually)</p>
<p>Copy&paste this URL into the URL box:</p> <p>https://www.xe.com/en/currencyconverter/convert/?Amount=1&From=USD&To=EUR</p> <p>(Note the Terms of Use of web site www.XE.com)</p>	 <p>The % values refer to the space that is actually available for the IFrame.</p> <p>URL (click to edit manually)</p> <p>https://www.xe.com/en/currencyconverter/convert/?Amount=1&From=USD&To=EUR</p>

Tutorial step	Screen
<p>To connect the actual product price to the currency converter, select parameters from the Available Values list. Once they appear in the URL box, copy&paste the to the right location within the URL:</p> <ul style="list-style-type: none"> Parameter 'Price' replacing '1' Parameter 'Currency' replacing 'USD' <p>so that the URL looks like:</p> <pre>https://www.xe.com/en/currencyconverter/convert/?Amount={Price}&From={Currency}&To=EUR</pre> <p>Click Save</p>	<p>URL (click to edit manually)</p> <pre>https://www.xe.com/en/currencyconverter/convert/?Amount={Price}&From={Currency}&To=EUR</pre>
<p>You will see a new section Embedded Content showing the currency converter, converting the price of the current product.</p> <p>Rename the Embedded Content section to Price (EUR)</p>	<div>  <div> <p>Category: TV, Video & HiFi</p> <p>Sub-Category: Portable Players</p> <p>Supplier: Panorama Studios (10000000)</p> </div> </div> 
<p>Drag&drop the Product Information section to the second position of the three sections.</p>	

Tutorial step	Screen
Click Save & Exit to leave the key user adaptation mode.	
Navigate to another product to verify that the currency converter is properly linked to the price parameter.	

SUMMARY

- As a key user you tailored this app to end user's requirements, without the need to involve IT or developers
- Each end user can work efficiently without the need to personalize the app him-/herself.
- Customers or partners can offer such a 'standard' solution with flexibility for key users

In general, SAPUI5 Flexibility is a consistent technology for adaptations

- not only for key users, but also for developers and end users,
- custom changes are handled with a stable lifecycle,
- it works with SAP Fiori elements as well as for SAPUI5 freestyle apps, and
- original apps do not need any predefined extension points anymore.