
Exercise 2: Add Fields to a CPQ Cart FlexCard

Scenario

Good news, your boss liked the initial showcase of CPQ Cart that you presented! However, he gave you two new requirements. Now you need to demonstrate that you can incorporate product selling dates and images into your working version of CPQ Cart.

Goal

- Add the Selling Start Date field to the product details modal
- Add product images to the product tile list

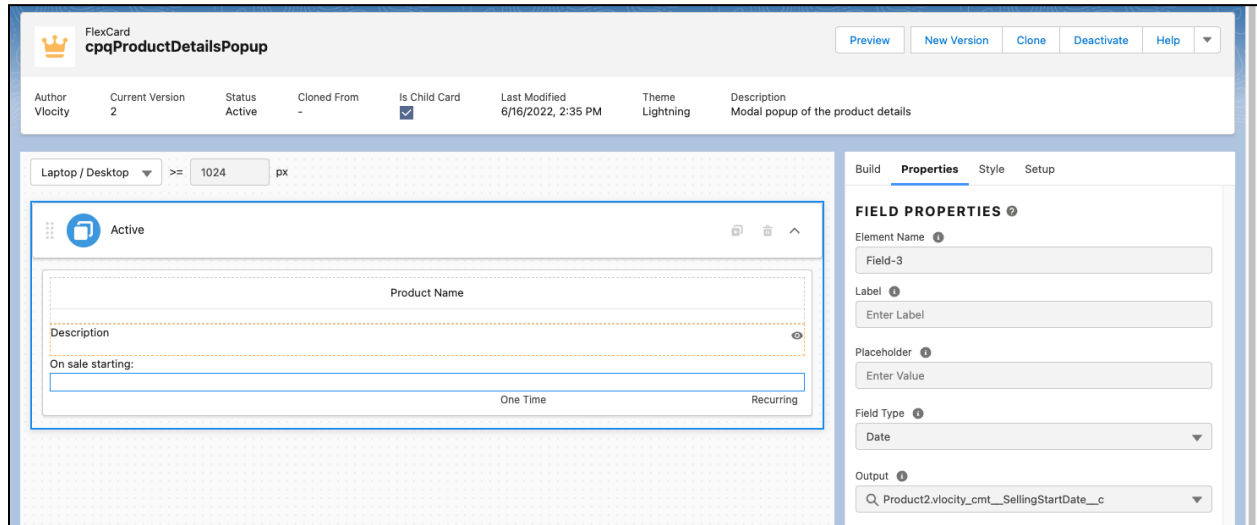
Tasks

1. Add the Selling Start Date field to `cpqProductDetailsPopup`
2. Add product images to `cpqProductTileList`
3. Test the configuration

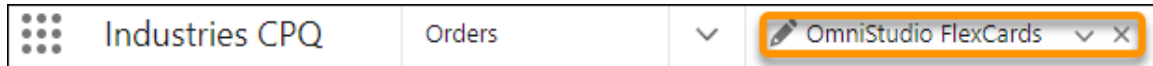
Time: 10 mins

Task 1: Add a Selling Start date field to CPQProductDetailsPopup

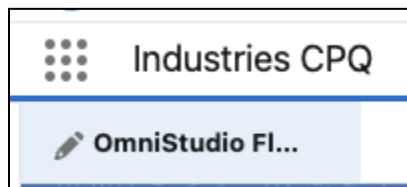
Thankfully, adding fields is easy with the CPQ APIs and Integration Procedures already in place. You simply need to specify the API name of the field where applicable.



1. Navigate back to the **OmniStudio FlexCar...** tab.

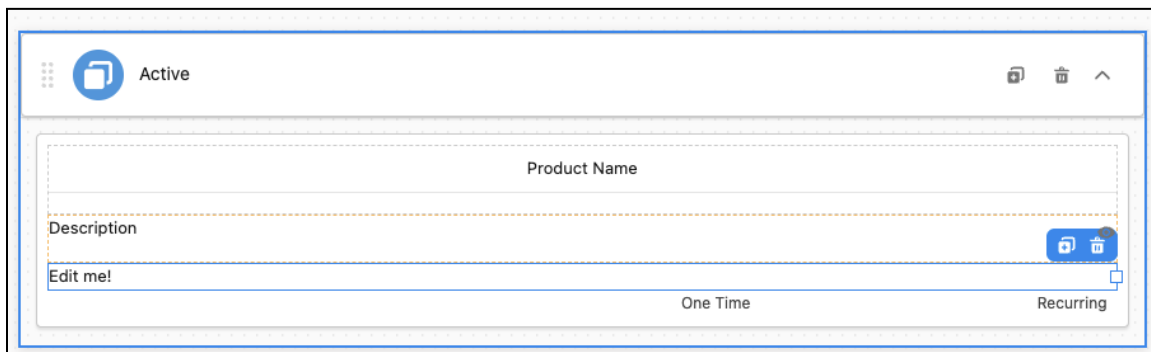


2. Click the **OmniStudio FI...** tab.

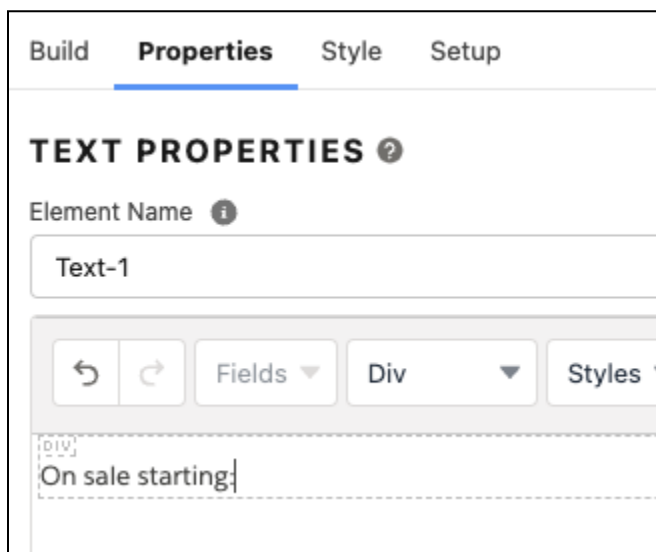


3. Scroll down to the bottom of the page and click the **2** button in the bottom-right corner to go to the second page of FlexCards.
4. Click **cpqProductDetailsPopup**.
5. Click **cpqProductDetailsPopup (version 1)**. This is the child card for products that are clicked on within the Catalog tab.
6. Click the **New Version** button.

7. From the Build tab on the right pane, drag and drop the **Text** element to the card below Description.



8. In the element field, enter `On sale starting:`.



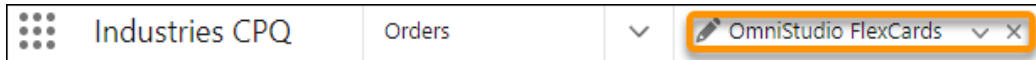
9. Click the **Build** tab on the right pane.
10. Next, drag and drop the **Field** element below the Text field we just created.
11. With the new element still selected, select **Date** from the **Field Type** dropdown list on the Properties tab on the right pane.
12. In the **Output** field, enter `Product2.vlocity_cmt__SellingStartDate__c`. This is the API field for the Selling Start Date value. When the API retrieves the product details, it will retrieve this value and place it within the Product2 node.

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13. Optional: change the date format for the field by selecting an option from the **Format** field in the Properties tab.
 14. Click the **Activate** button at the top-right corner of the page. Once the process is complete, click **Done**. We'll test this new field in the last task.

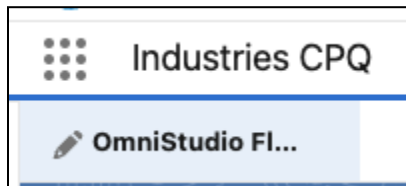
Task 2: Add product images to cpqProductTileList

In this task, we will add product images to the Catalog tile view.

1. Click the **OmniStudio FlexCar...** tab.

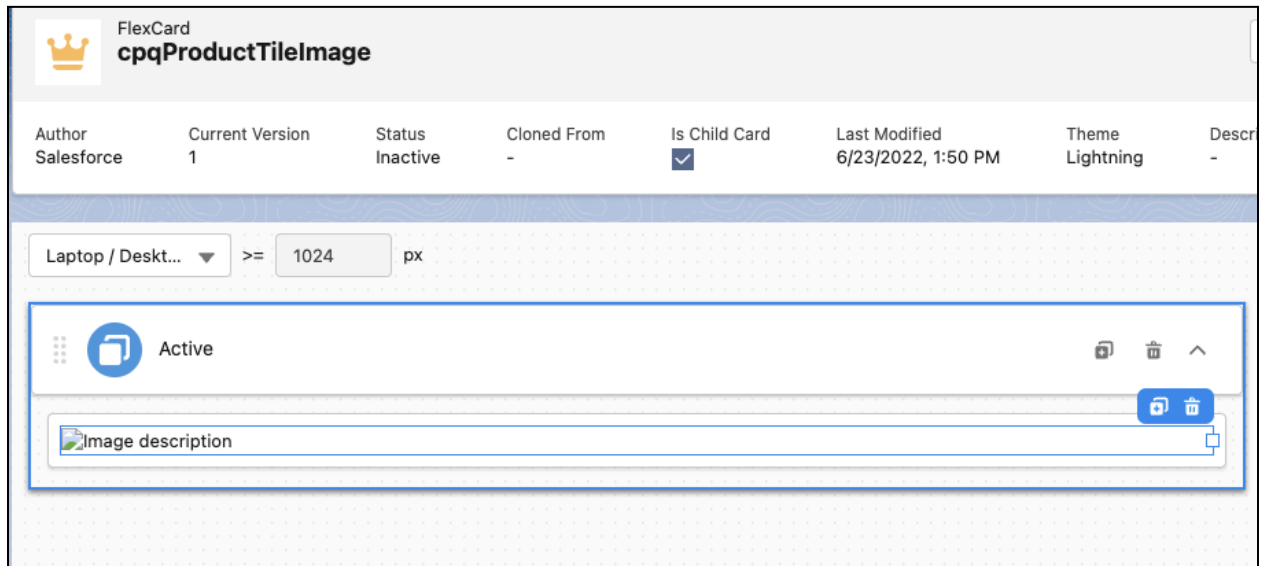


2. Click the **OmniStudio FI...** tab.



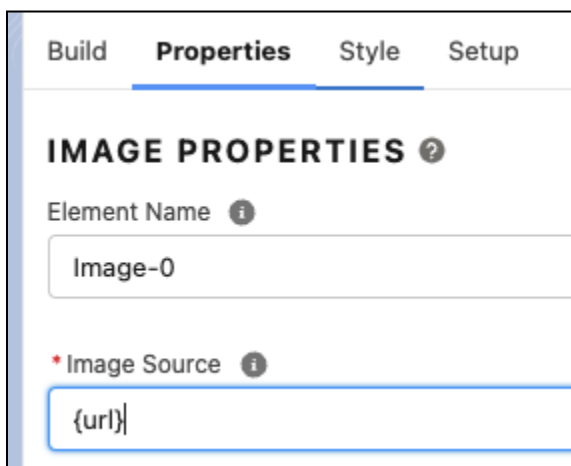
3. Click the **New** button on the top-right corner of the page. We will create a FlexCard that will contain the product images for us. We will then insert that card onto cpqProductTileList.
4. In the **Name** field, enter `cpqProductTileImage`.
5. Click the **toggle** button for **Is Child Card**.
6. Click the **Next** button.
7. Click the **Save** button.

- From the Build tab on the right pane, drag and drop the **Image** element onto the card.



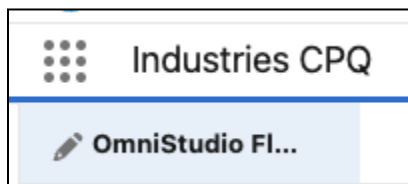
- On the right pane in the Properties tab, in the **Image Source** field, enter `{url}`. If you examine the API response for `getCartsProducts` after it is used by CPQ Cart to retrieve products, you can see that the URL for product images is listed under the Attachments node, within a record node, named `url`. This is why we write `{url}` here, as we want this value rendered by the Image element. We will embed this card and refer to the node as `{record.Attachments}` on the parent card.

```
▼ Attachments [1]
  ▼ 0 {8}
    url : https://assets.airtel.in/static-  
assets/safo/bb/new-plan/Entertainment.jpg
```



10. Click the **Activate** button. Once the process is complete, select **Done**.

11. Click the **OmniStudio FI...** tab.



12. Click **cpqProductTileList**.

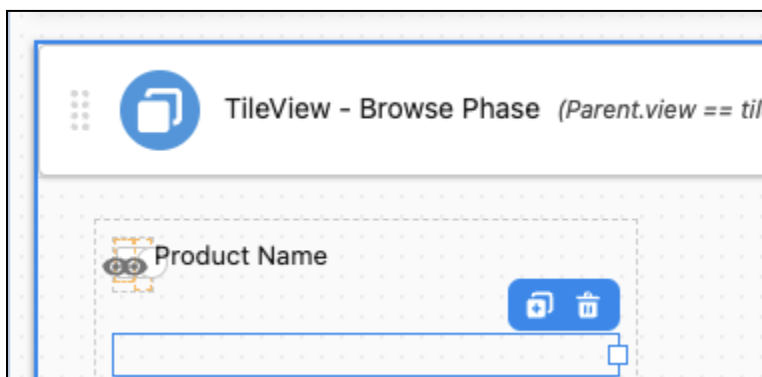
13. Click **cpqProductTileList (version 3)**.

14. Click the **New Version** button.

15. Expand the **TileView - Browse Phase** accordion.



16. From the Build tab on the right pane, drag and drop the **FlexCard** element just below Product Name on the layout for the product card.



17. In the **FlexCard Name** field, enter `cpqProductTileImage`.

18. Click **cpqProductTileImage** from the drop-down menu. You may need to refresh the browser to see the FlexCard name in the list.

19. In the **Data Node** field, enter `{record.Attachments}`. Attachments is the node for the product record that will contain product image URLs. These URLs can be entered or modified in the Product Designer.

CHILD CARD PROPERTIES ?

Element Name ⓘ

Is Recursive ?

* FlexCard Name ⓘ

Data Node ⓘ

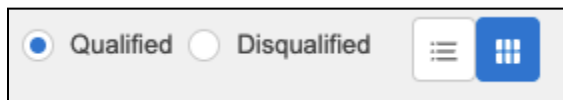
20. Click the **Activate** button. When the process is complete, select **Done**.

Task 3: Test the configuration

1. Click the **Order** tab that you have open. It will resemble **00000213**.

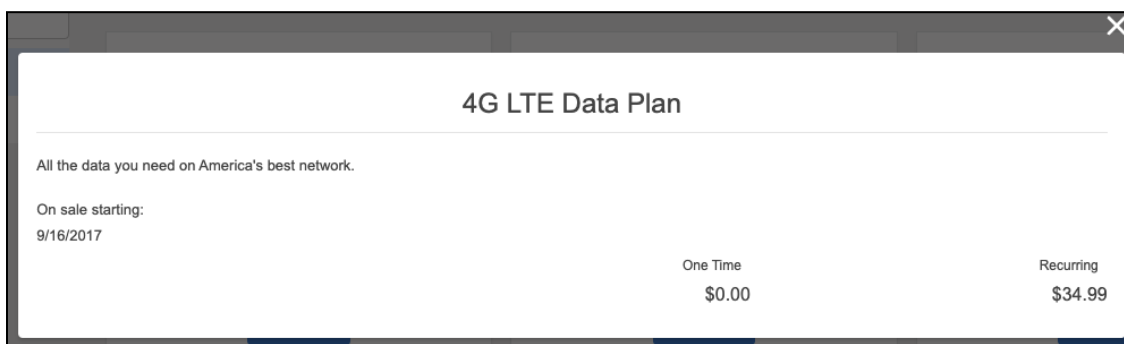


2. Click the **Catalog** tab.
3. Change the view to the product tile view clicking the **tile** icon.



You should now be able to see product images within the Catalog tab.

4. Click the **See Details** link for 4G LTE Data Plan. You should be able to see the selling start date value that we added to this FlexCard in the first task.





Yay! All done!