



Designing with Axure 8

The goal of this lab is to enrich your understanding of prototyping and provide you with some more advanced practical skills of developing a low-fidelity prototype on Axure 8.

Let's Begin!

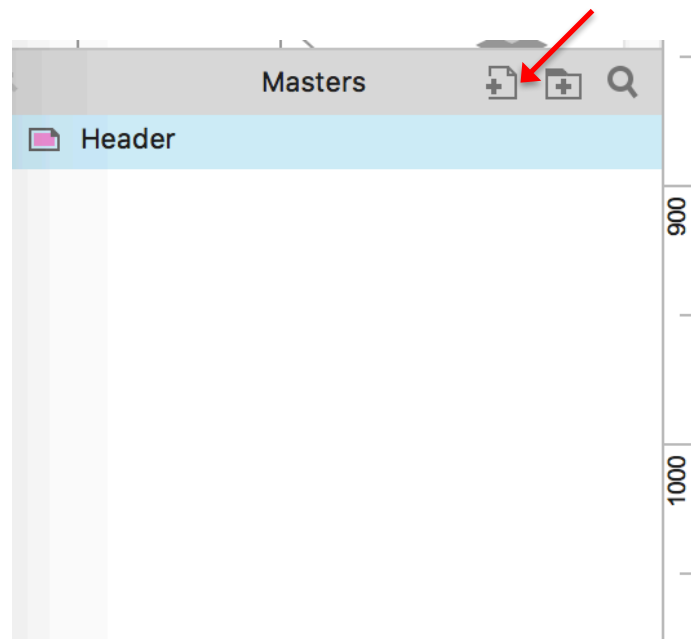
Your task for today is to build an e-Commerce prototype using many of the core features in Axure, including **masters** and **dynamic panels**.

First, download the **AxureEcommerce.zip**¹ from the course's Moodle page and extract the contents into a new folder on your PC/Mac.

PART 1: CREATE A MASTER FOR THE HEADER

- *Step 1: Create a new Master*

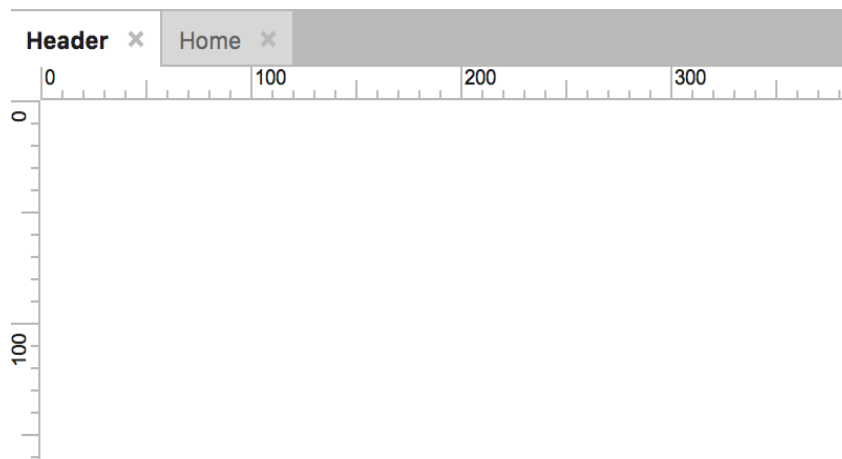
The first step is to build a header with a logo and navigation. Because we will be using the same header on multiple pages, we want to create this as a master. In the Masters pane, click the 'Add Master' button. Then change the name to "Header".



Double-click the 'Header' master to start editing. You can see which page or master you are editing by looking at the tab on the top of the design area (the canvas). If it says "Header" you're in the right place.

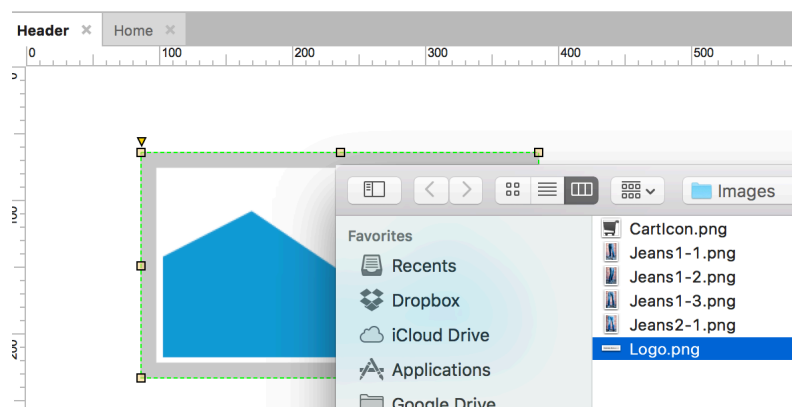
¹ <http://www.axure.com/ecommerce-tutorial>

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- Step 2: Add a logo image**

Next drag an Image widget from the 'Libraries' Pane onto the design area. Double-click it to import your logo. Select "Logo.png" from the images folder exported from your .zip file.



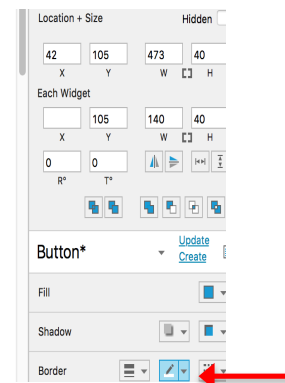
- Step 3: Add buttons for navigation**

Next we will add 3 "Button" widgets beneath the logo. Scroll down in the Libraries pane to find the Button widget (not the Primary or Link button widgets). Drag 3 Buttons from the Libraries pane onto the design area. Double-click on each one to change the text. Label them Men's, Women's, and Sale.

Make the border colours white by selecting all of the button shapes (click and drag to create a selection area around the buttons), click on 'Style' in the 'Inspector' pane and set the 'Line Colour' to white.

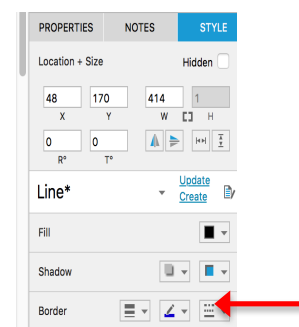
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AXURE APPAREL



- Step 4: Add a horizontal line**
 To separate the header from the content below, let's add a horizontal line beneath the buttons. Drag a "Horizontal Line" widget onto the design area. Stretch the line by dragging the resize handle on the right or left side of the widget. Then, edit the pattern and colour using the 'Line Pattern' and 'Line Colour' buttons in the 'Inspector' pane. Let's make it a blue, dotted line.

AXURE APPAREL



- Step 5: Add Header to the Home page**
 Click at the Home page tab. Add the Header master to the Home page by dragging it from the 'Masters' pane onto the design area. Position it at 200, 50. By default, masters have a pink mask. You can turn that off using View > Masks > Mask Masters.

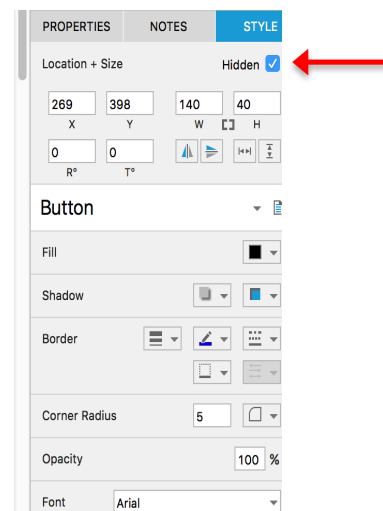
PART 2: CREATE PRODUCT THUMBNAILS & "QUICK VIEW" BUTTONS

- Step 1: Add product thumbnails**
 On the Home page, drag an 'Image' widget onto the design area and place it under the header. Double-click it and import "Jeans1-1.png". Add a second image, and import "Jeans2-1.png". Scale the images down to about 150px wide, 225px high by holding the shift key and dragging the corner of the image.

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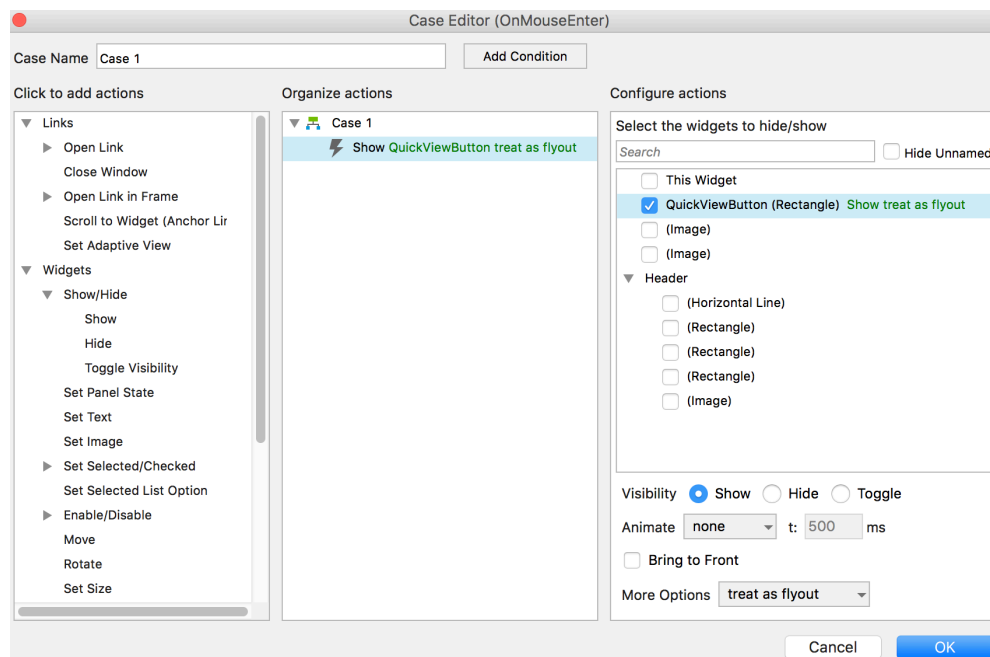
- **Step 2: Add "Quick View" button**
Drag a 'Button' widget on top of the first image. Double-click it and change the text to "Quick View". Rename the button at the top from 'Rectangle name' to "QuickViewButton".
- **Step 3: Label and hide Quick View button**
We only want the Quick View button to be visible when the mouse is over the image, so we will set it to hidden by default. Do this by clicking the "Hidden" checkbox in the Style Tab. The widget will turn yellow.



- **Step 4: Dynamically show the button**
To make the "Quick View" button appear when we mouse over the product image, we will use the 'OnMouseEnter' event. Click on the product image. In the 'Interactions' in the 'Properties' pane add a case to OnMouseEnter by double-clicking OnMouseEnter. This will open the Case Editor.

- *Step 5: Add "Show QuickViewButton"*

In the left panel, expand "Show/Hide" and click 'Show'. Then in the right panel, click the checkbox for QuickViewButton. Finally, choose "Treat as Flyout" from the droplist in "More Options" at the bottom. Click OK. Let's preview the prototype using the Preview icon in the toolbar. Moving the mouse over the product should show the Quick View button.



PART 3: PRODUCT DETAILS POPUP & SLIDESHOW

- *Step 1: Create product details popup*

Add a 'Rectangle' widget to the design area below all of your content. Then, resize the rectangle to 600 x 450. Right-click on the rectangle and select "Convert to Dynamic Panel". Label this dynamic panel to 'ProductPopup' by double-clicking on the dynamic panel in the 'Outline:Page' pane on the bottom right.

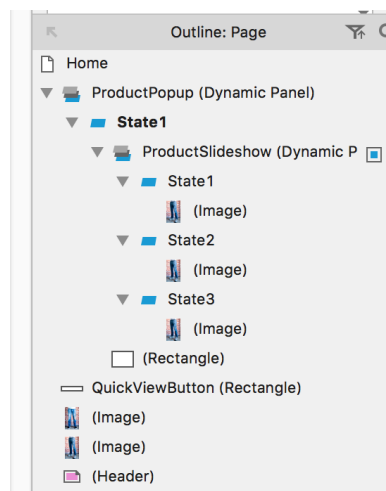
- *Step 2: Add large product image*

In this step, we're going to add a slideshow of product images that animate into view when you click on thumbnails. To get started, double-click on 'State1' of 'ProductPopup' to open it. Drag in an image widget and double-click to import the "Jeans1-1.png". Place this picture in the upper left corner.

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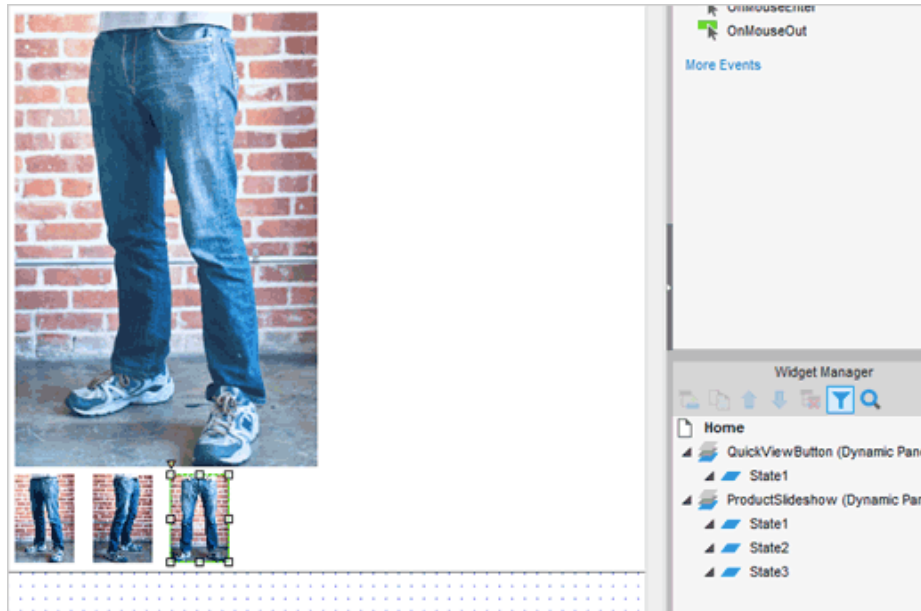
- *Step 3: Convert image to dynamic panel*
Right-click the image and select "Convert to Dynamic Panel". Label this panel "ProductSlideshow" (as in Step 1). We're going to have a total of 3 states, so select State1 in the "Outline:Page" pane and click the "Duplicate State" icon (appears next to 'State 1') twice to make a total of 3 states.



- *Step 4: Insert Jeans-2 and Jeans-3 in states*
Open State2 and replace the Jeans-1-1 image with Jeans-1-2 by double-clicking the image. Do the same for State3 so that each state has a different Jeans image.

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- **Step 5: Add product image thumbnails**
Drag 3 'Image' widgets beneath this image for the thumbnails. Import Jeans1-1, Jeans1-2, and Jeans1-3. When dragging the resize handles to resize the images, hold the Shift key to keep the image's aspect ratio.

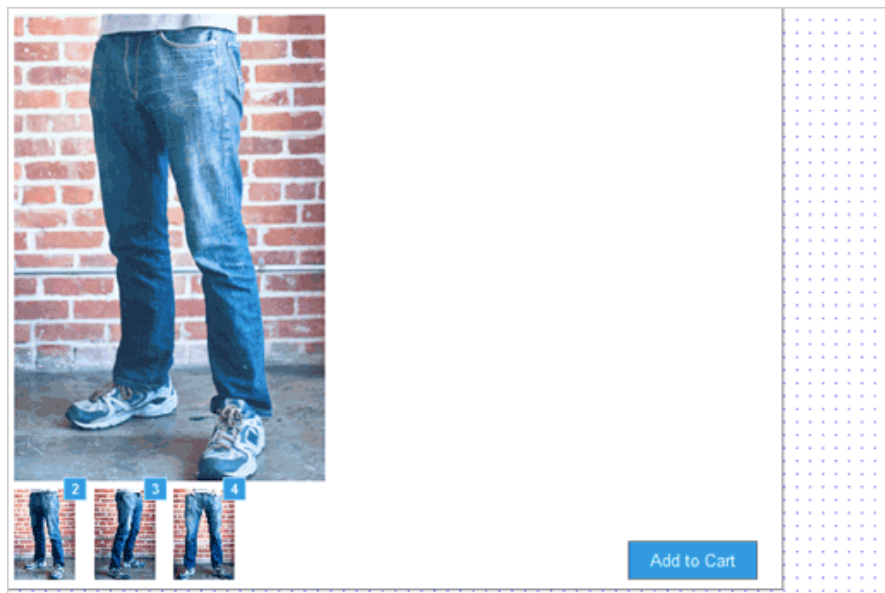


- **Step 6: Add OnClick event to thumbnails**
Select the left-most thumbnail and double-click the 'OnClick' event. In the case editor, select the "Set Panel State" action and choose the 'ProductSlideshow' dynamic panel. In the "Select State" drop list choose 'State1', and then chose the 'Fade' animation for "Animate In" and "Animate Out". Click OK.
- **Step 7: Copy/paste case to thumbnail 2 & 3**
Copy the new case from the first thumbnail (click on Case 1->right click and copy) and paste to the 2nd and 3rd (Click on the second/third thumbnail -> right-click and paste). Double-click the pasted case and set the second thumbnail to set the panel state to State2, and then do the same for State3. Preview your prototype. Clicking the thumbnails should set the panel states to the associated Jean image.

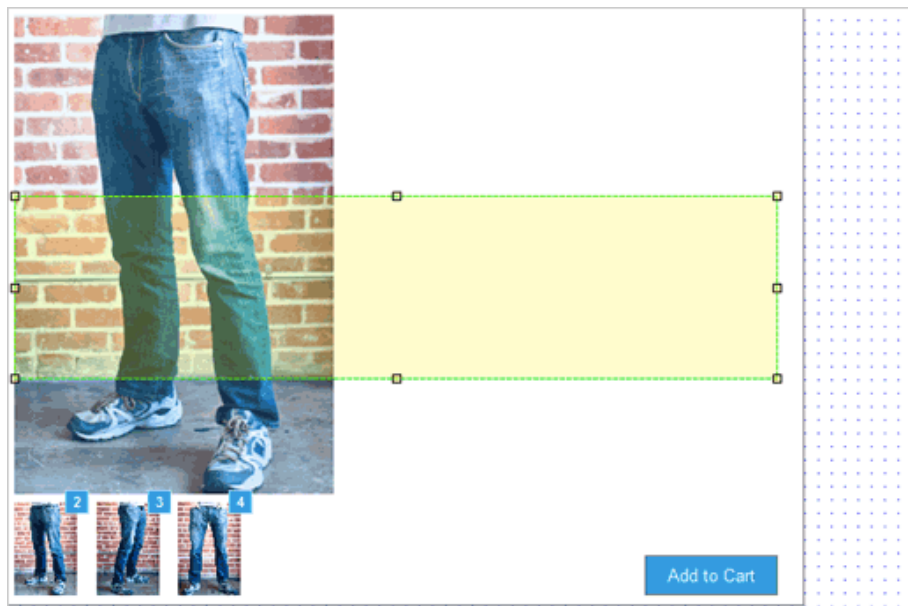
PART 4: "ADD TO CART"

- **Step 1: Create Add to Cart button**
Drag a 'Button' widget to the bottom right corner of the popup. Give it a blue fill and white font color using the 'Style' tab in the 'Inspector pane'. Change the text to "Add to Cart".

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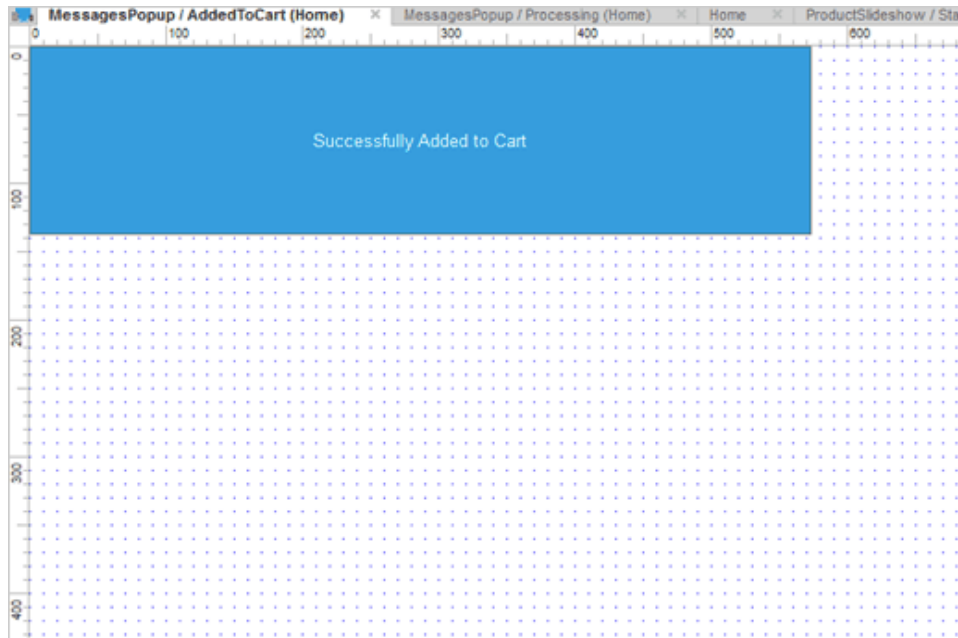
- Step 2: Create popup panel for cart messages**
 Now we're going to create "Processing" and "Added" messages that will appear when clicking "Add to Cart". Drag a 'Rectangle' widget to the middle of your popup box. Make it light grey, with black lettering. Enter the text, "Processing..." by double-clicking on it. Right-click and select "Convert to Dynamic Panel". Set the panel to hidden using the checkbox in the Style Tab.



- Step 3: Include "Added to Cart" state**
 Label the dynamic panel 'MessagesPopup' and also name State 1 'Processing' (click once on State 1). With State 1 selected, click the 'Duplicate State' icon to add a second state. Label this one "AddedToCart".

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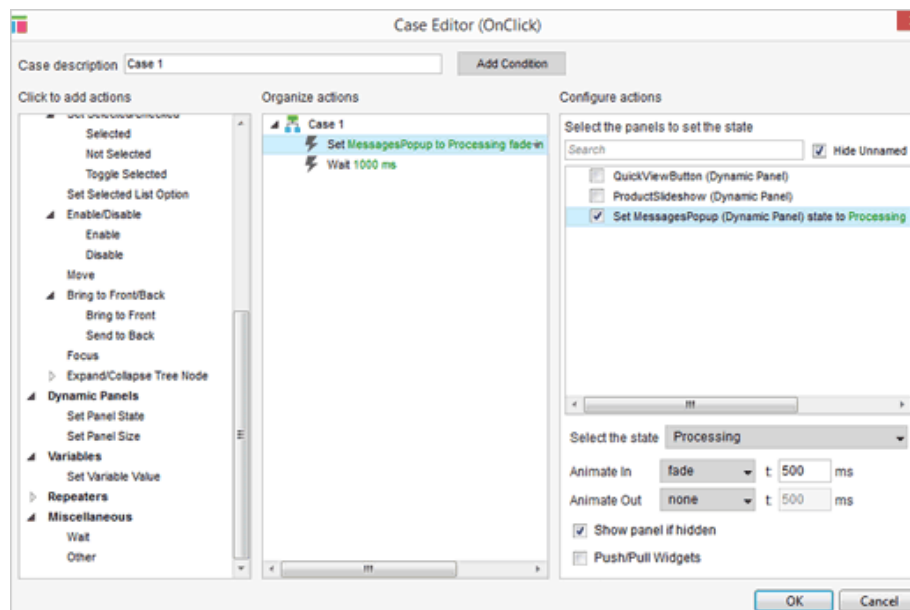
- *Step 4: Create "added to cart" message*
Open the "AddedtoCart" state and change the rectangle color to blue since we are confirming that the item was added to the Cart. Double-click and change the text "Successfully added to Cart".



- *Step 5: Include Add to Cart interactions*
After clicking the "Add to Cart" button we want to show the "Processing" message for a second, show the 'Added to Cart' message for a second, and then hide them. Return to the 'ProductPopup' tab, and select the "Add to Cart" button. Double-click 'OnClick' to add a case and open the Case Editor. We're going to add 5 actions to this case.
- *Step 6: Add actions to show/hide message*
1: Set Panel "MessagesPopup" state to "Processing". At the bottom, select "fade" from the 'Animate In' dropdown. Note that setting the panel state automatically shows the panel so we don't need to add a Show Panel action.

2: Wait 1000ms. This will make our first panel stay up for a second before the next action happens (1000ms = 1 second).

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- *Step 7: Change MessagePopup Panel state*
3: Set Panel to “AddedtoCart” state. In this action we are setting our “MessagesPopup” panel from the “Processing” state to the “AddedtoCart” state. Click the MessagesPopup checkbox, and select the “AddedtoCart” state from the dropdown beneath the checkboxes.

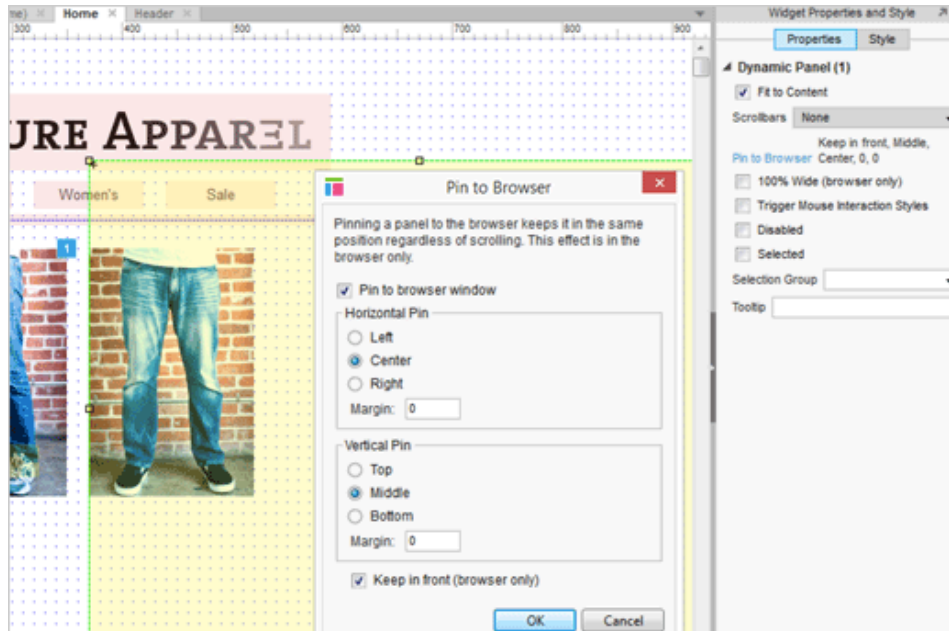
4: Wait 1000ms (again).
- *Step 8: Add ‘Hide’ the Panel interaction*
5: Hide the Panel. Click the MessagesPopup checkbox and select “fade” for the “Animate Out”. Click OK. Preview your prototype and test it out.

PART 5: HIDING/SHOWING THE PRODUCT INFO

- *Step 1: Add button to close ProductPopup*
Next, we’ll add a button to the ‘ProductPopup’ panel so it can be closed. Add a placeholder widget to the top right corner of the dynamic panel. Adjust its size to 40 x 40. Add a case to the OnClick event of the placeholder with a “Hide” action to “Hide ProductPopup”. Click OK.
- *Step 2: Set ProductPopup to hidden*
This panel is going to be hidden until Quick View is clicked, so right-click on the panel and select “Set Hidden”.

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- *Step 3: Pin to Browser*
With the hidden dynamic panel selected, select "Pin to Browser" in the Properties Tab. Choose "Center" and "Middle" and then click OK.



- *Step 4: Add Show Panel to Quick View*
Now, we're going to add an interaction to the 'Quick View' button to show the 'ProductPopup' when clicked. Select the Quick View button and add a case to OnClick with a Show Panel action to "Show ProductPopup". Then choose "Treat as Lightbox" in the "More Options" drop list. Preview your prototype and test it out.

FINAL STEP

As a final step, preview your prototype and test it out!

Nice work! You've covered some key interactions including hiding and showing widgets and swapping dynamic panel states.