Product Catalog – Readme

***June 30, 2015***

The following summarizes what can be found in the Product Catalog Packaged App as a sample scenario to be used in the Windows 10 Accelerate App Dev POC Workshop.

The solution contains three projects:

* UWP (Universal Windows C# Project)
* DataModels (Portable Class Library C# Project)
* DataSources (Portable Class Library C# Project)

**Product Catalog UWP App**

Represents the scenario to browse, view & compare products within an electronic product catalog. Also supports search & sharing of products.

Planned Features

The following are the Windows 10 features planned for this scenario:

* Adaptive Triggers / Device Family Triggers
* Hub Control
* RelativePanel Control
* SplitView Control / Hamburger Menu
* GridView/ListView Control
* Pivot Control
* Dialog + SettingsFlyout Controls
* Parallax Scrolling Control
* Hardware Buttons (for Windows 10 Mobile)

Sample Data

The following are the sample XML files for custom data binding:

* Categories.XML
* Products.XML

An additional class (**Data.DesignTimeSource**) is provided so example data is visible when editing XAML pages in solution.

Custom Branding

The following are the design artifacts for custom branding:

* Tile Logo – four sizes, Search Logo, Store Logo (in Assets directory)
* Splash Screen Logo (in Assets directory)
* Page Background Image (in Branding Directory)
* Background Hero Image for Home Page (in Branding Directory)
* Small + Large Transparent Logo (in Branding Directory)
* CustomStyles.xaml – Colors, Text + Control Styling (in Branding Directory)
* CustomTemplates.xaml – Templates for Lists/Items in App (in Branding Directory)
* SplitViewStyles.xaml – Styles/Templates for the Splitview control (in Branding Directory)
* Product Category + Item Images (Subfolders in Data Directory)

UI Overview

The following is list of pages as well as its mapping with the associated features:

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Page Name | Description | Windows 10/UWP Features |
| 1 | Landing Page | Represents the list of product categories and their sub-categories. Also, shows the favorite products. | * Adaptive Device/Size Triggers * Grid View * Parallax Scrolling Hero Image (Custom Control) |
| 2 | Category Listing Page | Represents the list of products within the selected category divided into sub-categories (by Pivot) and then grouped by the product brand. | * Pivot Control * Grid View * App Bar * Filter * Compare |
| 3 | Product Filter Flyout/Dialog | Represents the list of filters applicable for specific type of products. (Uses SettingsFlyout for Desktop / Dialog for Mobile) | * SettingsFlyout (Desktop) * Dialog Control (Mobile) * List View Control |
| 4 | Product Details Page | Represents the details page for the selected product which includes the product overview & specifications. Page adapts itself for different layouts. | * Adaptive Triggers * RelativePanel * App Bar * On Top on Desktop / On Bottom on Mobile * Add/Remove Favorite * Pin/Unpin Product |
| 5 | Search Results Page | Represents the list of products as the search results, filtered by product categories. | * Grid View Control * Pivot Control |
| 6 | Product Comparison Page | Represent the side-by-side list of products for comparison. | * Grid View Control * App Bar * Remove |
| 7 | App Shell | Main Host Page for SplitView + Hamburger Menu. Pages are hosted inside the SplitView’s content frame. The Hamburger Menu switches between Hidden, Overlay and Inline modes based on device + screen size. | * SplitView * Adaptive Hamburger Menu * Back Button (hidden if Hardware Buttons detected on device). |

Additional User Controls

This App also contains these User Controls used throughout the UI.

**HeaderControl**

Common Page Heading Control which shows the Title of Page and also provides an adaptive AutoSuggest (search) control which compacts on narrow screen sizes / Mobile. UIElement Dependency Properties are provided to allow custom Title + Button content to be included. This is used on all pages in the App.

**SearchControl**

Updated from Windows 8.1 project to use AutoSuggest box.

**ExtendedGridView**

Inherited from GridView this control adds a new dependency property **BindableSelectedItems** property which allows the GridView’s selected Items to participate in data binding (ie. to ViewModel).

**ParallaxImageControl**

Used on Home page this will accept any background content for scrolling controls (Hub, GridView, ListView) and parallax scroll it with content. Control auto discovers ScrollViewer/parent (via VisualTreeHelper) so no additional Code is required from Host Page/Template at all.

Additional Triggers

The following **Triggers** have been added to allow the XAML VisualState engine to adapt for various conditions (without code) :

**ContinuumTrigger**

Detects if Tablet mode is enabled (UserInteraction mode).

**DeviceFamilyAdaptiveTrigger**

Detects if specific type of device is in use (ie. Mobile, Desktop, IoT, Team).