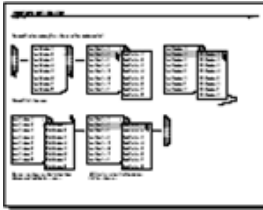


In This Document

I have included four basic examples of real world problem solving with the Cobalt Group's WebWizard using Visio for fast turn around. Visio turned out to be the most efficient tool to display concept and flow within minutes of a meeting without getting hung up on pixel level details. Though when needed, I could use the application to layout measurements down to the pixel. Visio was available to everyone in the organization, Program Managers, Directors, and Developers, while Illustrator or Freehand were not. This allowed me to share editable versions of the files for collaboration.

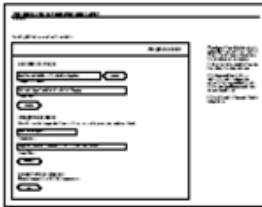
Example #1 | Navigation Study

This sample is a study of tab behavior. In the document I identified a few of the issues we were encountering with the layout and behavior of the navigation we were using, and provided solutions to mitigate the problems.



Example #3 | Page Layout

This sample shows the basics of the UI in place to attach images to a dealer website. There were three basic methods for adding an image to the site: upload an image from the client computer, give a printed or electronic version of an image to the salesperson to be included by the production team, or purchase images from Cobalt's ImageGallery product.

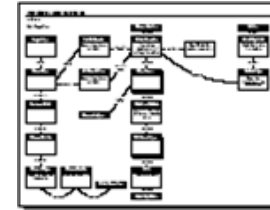


WebWizard Defined

The WebWizard product was a web base application designed to quickly create websites for auto dealers. The Cobalt Group wanted to develop a tool which would allow salespeople to easily create websites for their auto dealer clients in order to increase salesperson productivity and decrease the time it took to create each site.

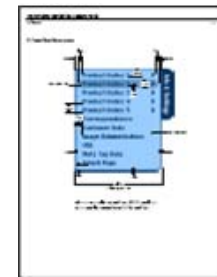
Example #2 | Simple Site Layout

Here I show a basic layout and flow of the site from the user's point of view. It was understood that the navigation model made nearly each page available from any other so it was unnecessary to detail the skip-around possibilities.

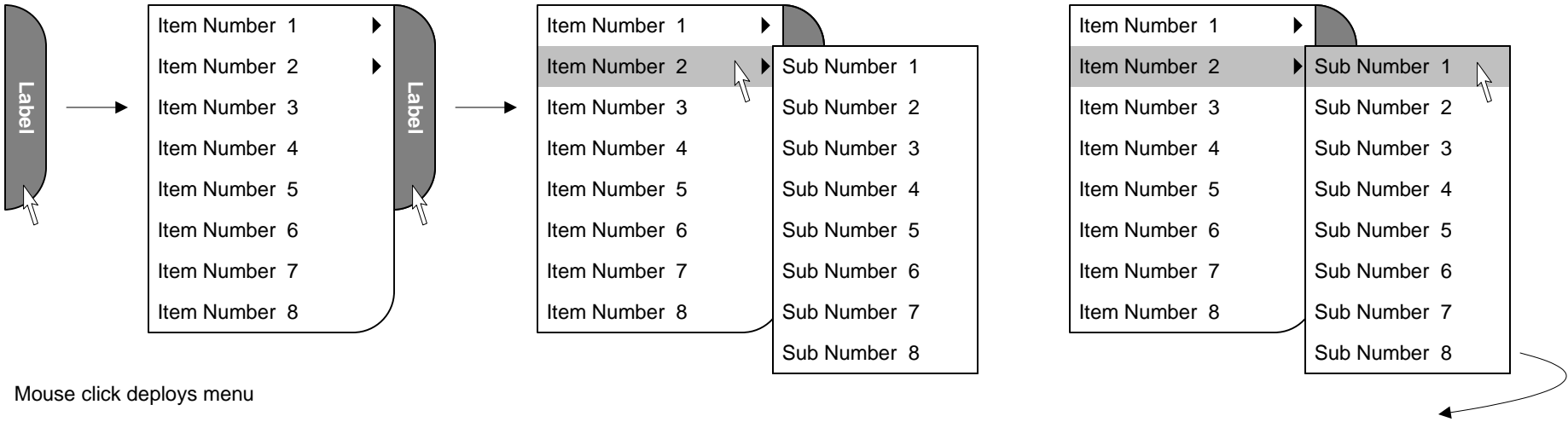


Example #4 | Pixel Layout

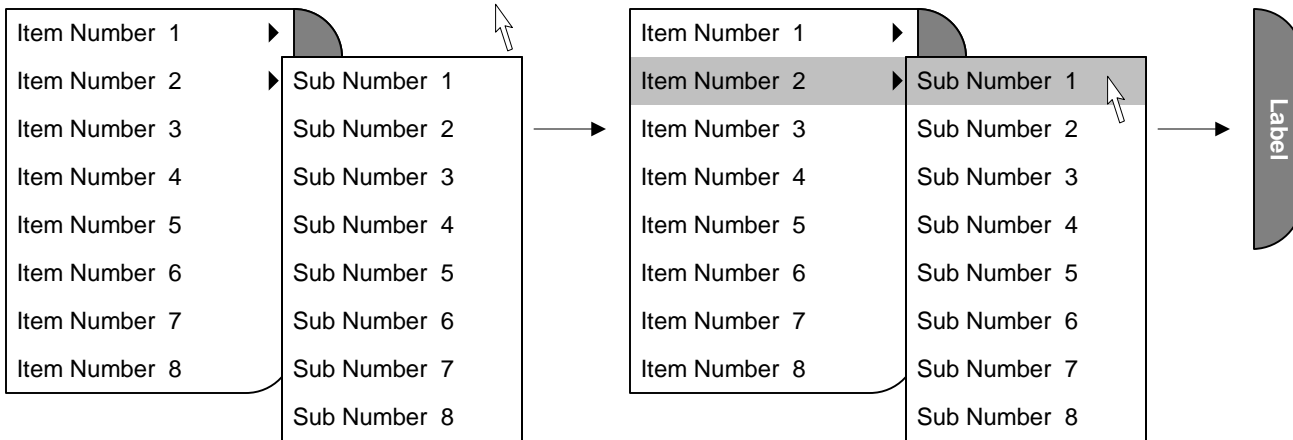
In this document I define the exact pixel level layout for the measurements of the site navigation tabs. This is often needed for UI specifications but sometimes impossible to actually build. To prevent this layout from being an impossibility, I built it in HTML and coded the interaction to ensure the dev team could actually put it together. At that point the layout becomes a solid template to which the final version of the code can be compared.



Current Menu Interaction | Menu stays out to allow window to scroll



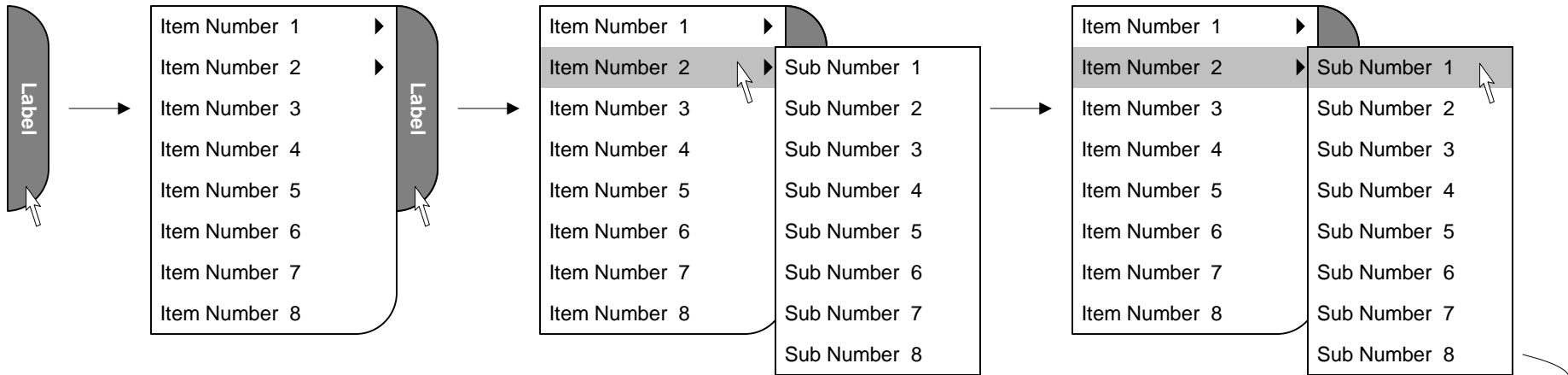
Mouse click deploys menu



On mouse-out the menu stays deployed, but focus turns off until the cursor returns.

A click on a menu item launches the item and closes the menu.

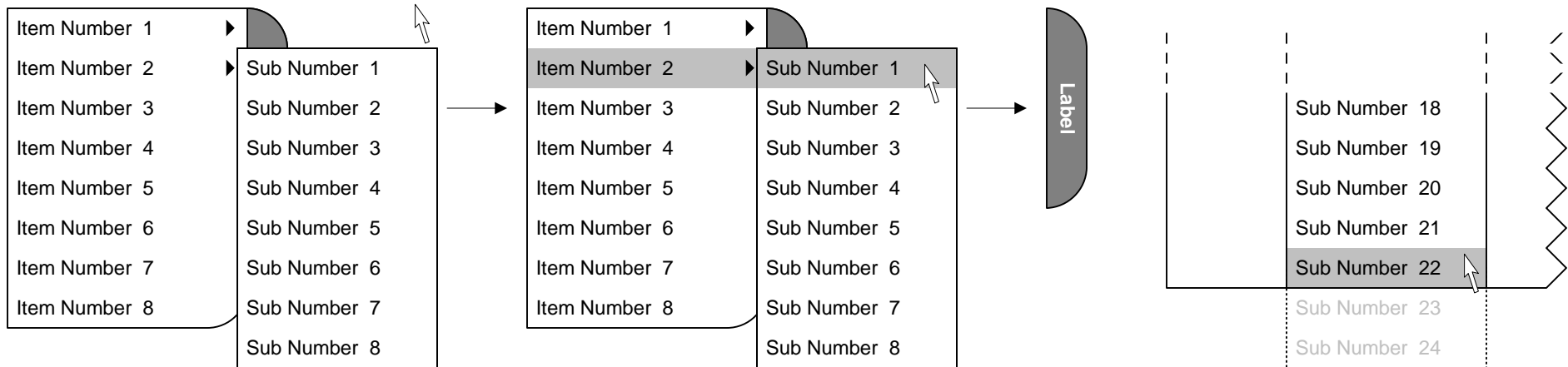
Alternate Menu Interaction #1 | Mac Menu Style



Press and hold the mouse button pops the menu out while the button is still down.

Hold it...

Hold it...

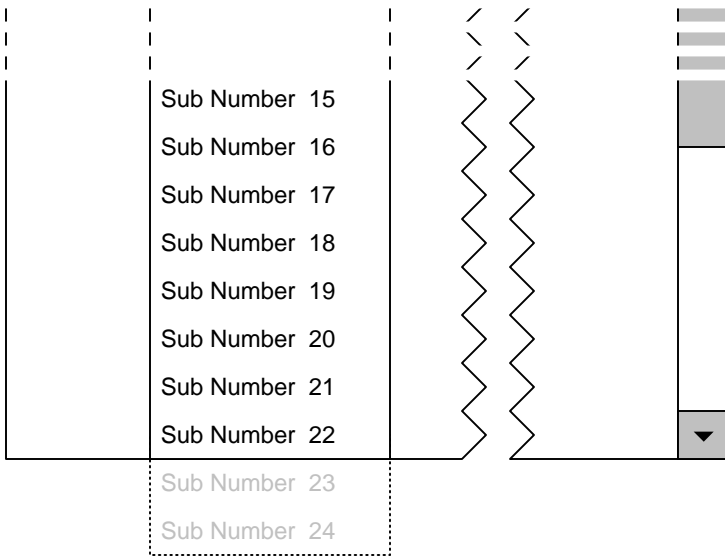


On mouse-out the menu stays deployed, but focus turns off until the cursor returns. Letting go of the mouse button here will collapse the menu without launching anything.

Hovering over a list member and releasing the mouse button will launch that item and collapse the menu.

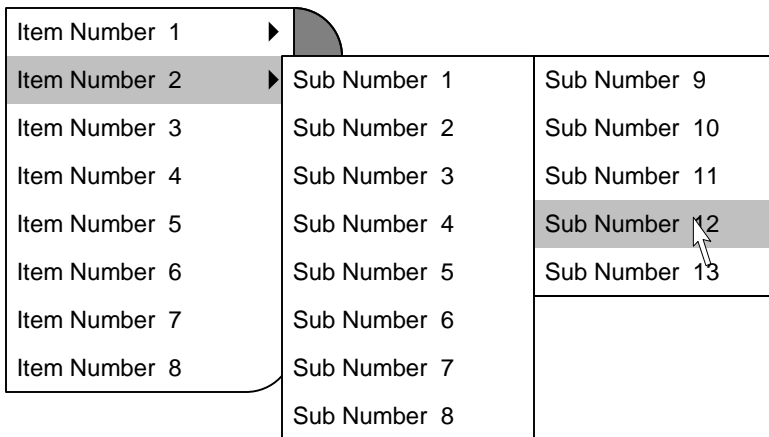
If the list extends past the bottom of the page, moving the cursor down to the bottom of the list will automatically scroll the page until the list items are in view.

Length Problem



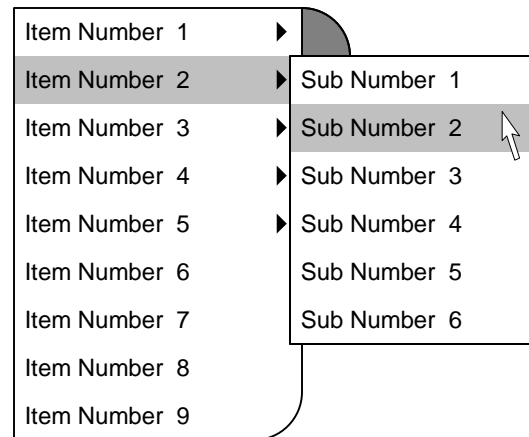
The cascaded menu is sometimes too long to fit on one screen at lower resolutions. The user must move their cursor over to the scroll bar and scroll the contents of the window to see the rest of the menu.

Length Solution #1 | Wide Cascade



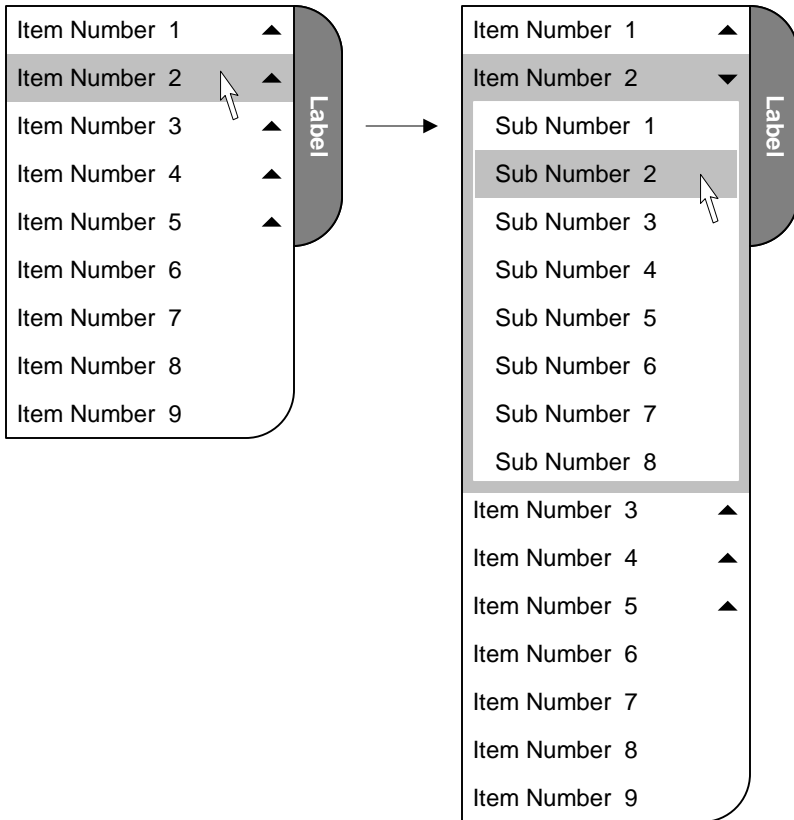
Instead of growing too long to fit on one screen, the cascading menu gets wider after a preset number of members. Still only has one level of cascade.

Length Solution #2 | Break Items Down Further



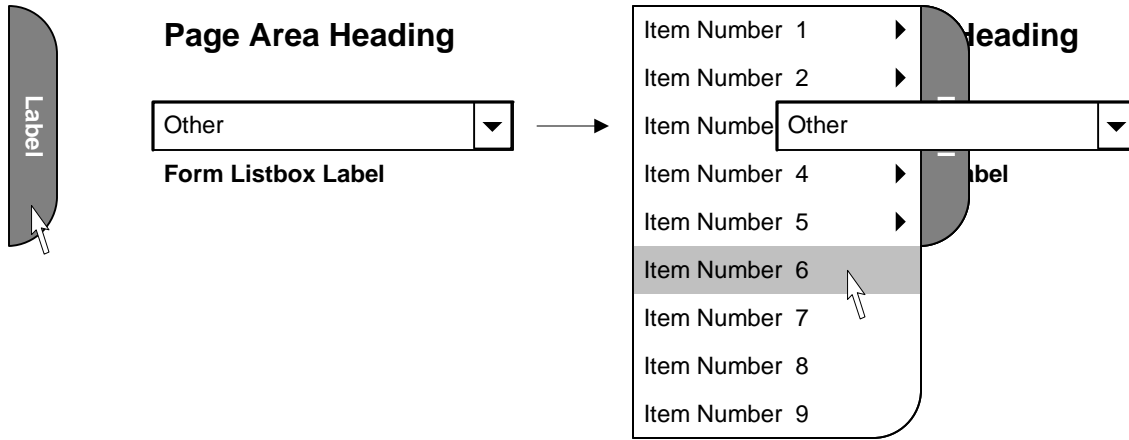
Take the large list of items and increase the number of groupings to shorten the length of the lists.

Length Solution #3 | “Expand - O” “Collapse - O”



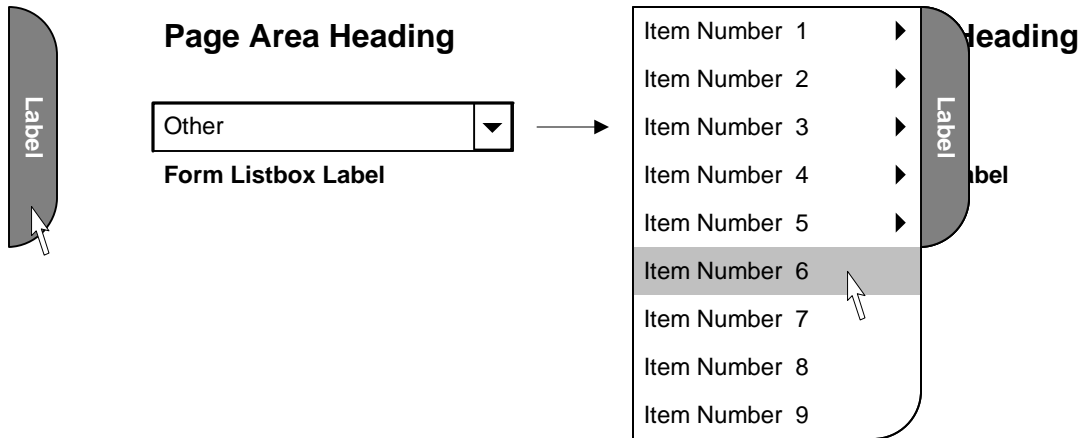
Clicking on a node will expand the members that are its children. Clicking it again will collapse the node, clicking another node with a node already open will open the new node and close the old one.

Form Problem



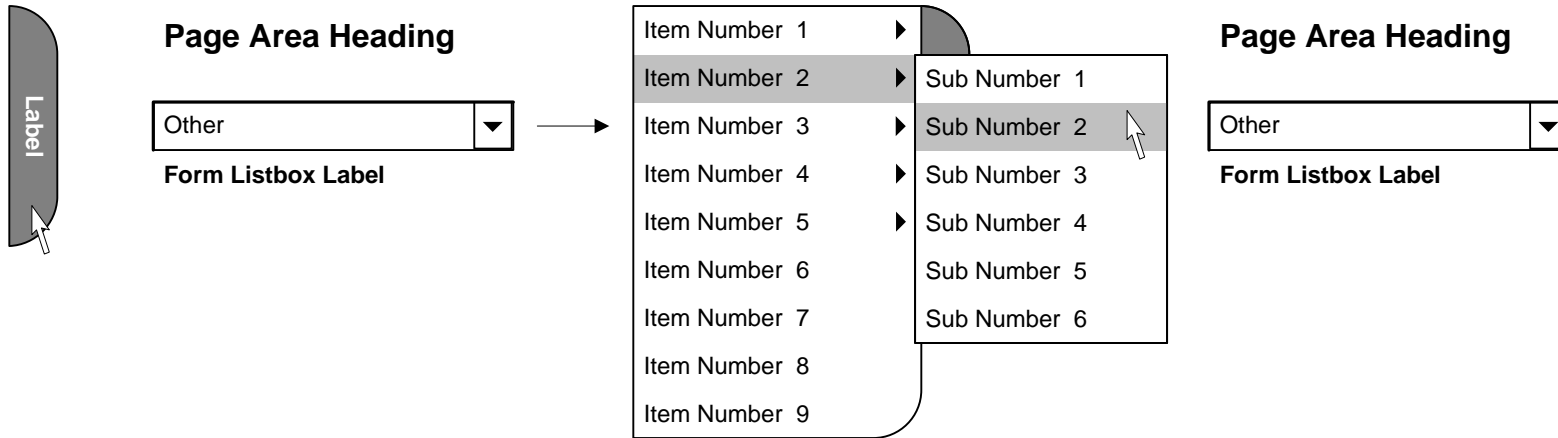
When a menu is deployed in Netscape, all form controls draw over the top of the menu and in IE the list boxes draw over the top.

Form Solution #1 | Turn Off Form Pieces



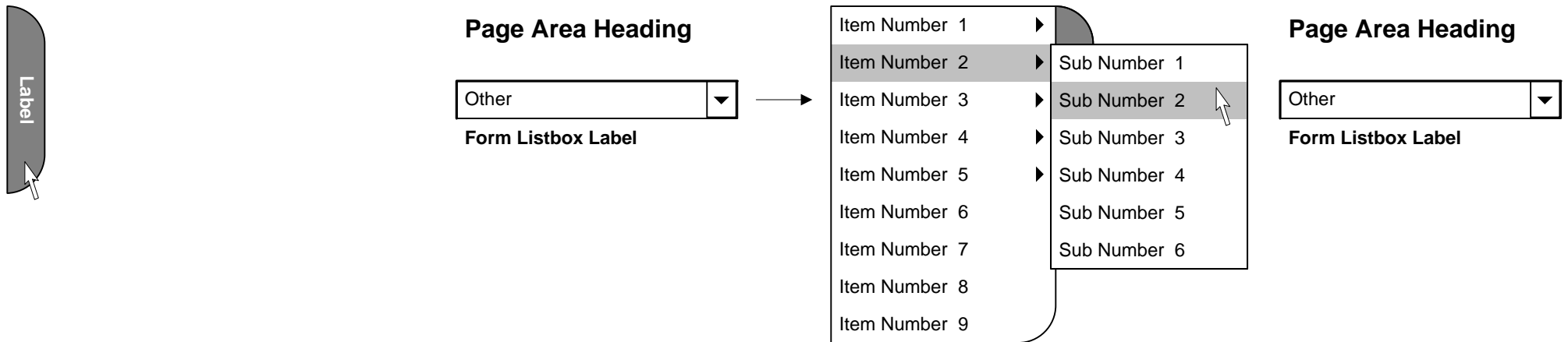
Turn off the form pieces that overlap the menu. Netscape requires that the entire form be turned off, IE allows for each piece.

Form Solution #2 | Move Over Bacon



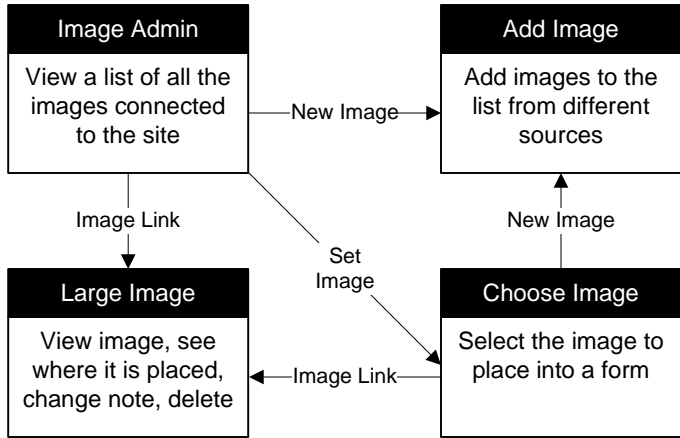
When the menu is out, move all the content of the page over to prevent overlap. Could be a smooth animation.

Form Solution #3 | Leave Gutter Open

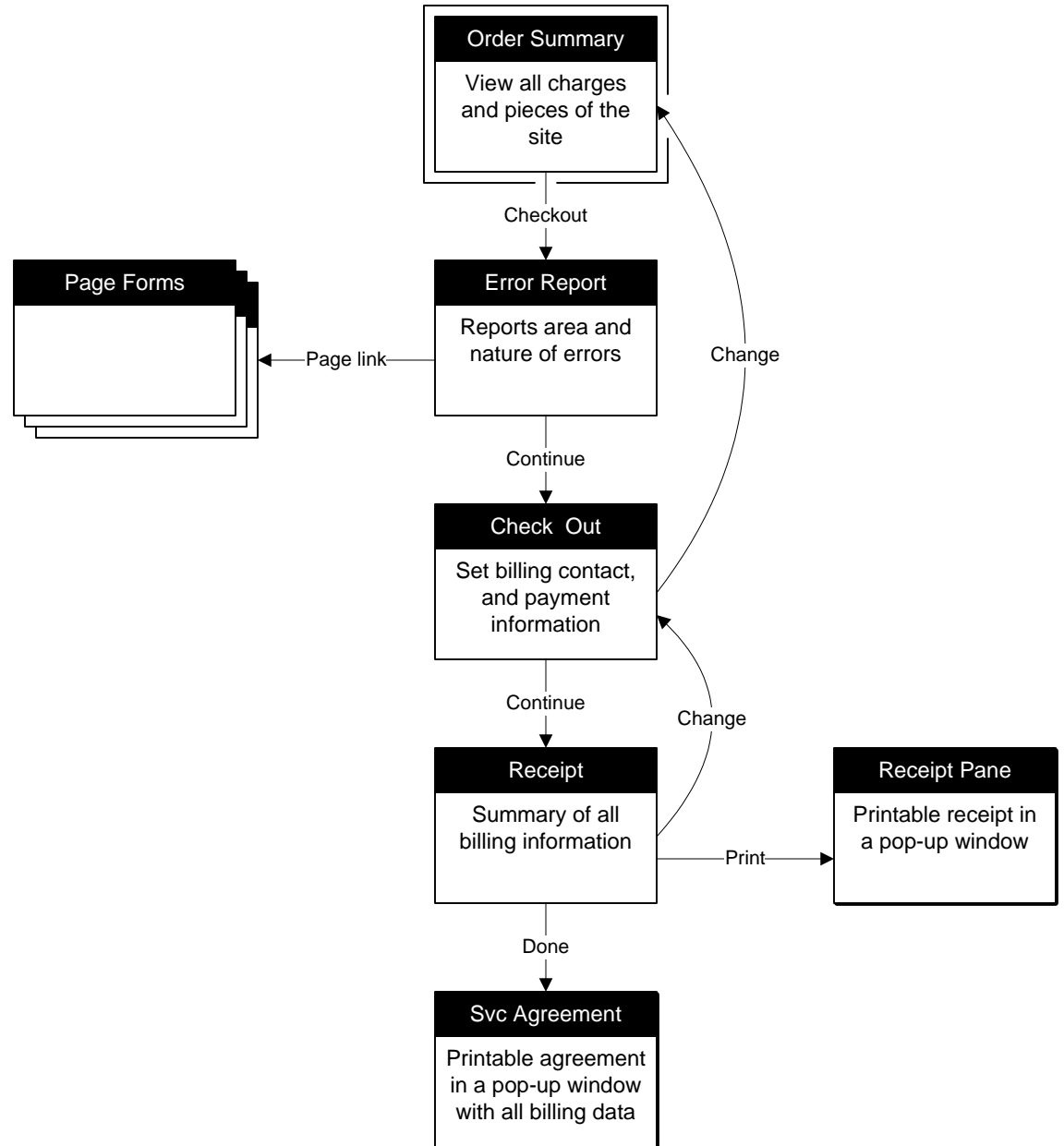


Leave a gutter wide enough to accommodate the width of the menus. This wastes a lot of space with cascading menus.

Image Window



Checkout Process



Lead in | Add images or references to the list

imageWINDOW

Upload an Image

BROWSE

Image file location

Image Notes

UPLOAD

Image Reference

Use this area for images that have not been scanned in, or are not ready to upload.

Image name

Image Notes

RECORD

Cobalt Stock Images

Choose images from Cobalt's image server.

GO

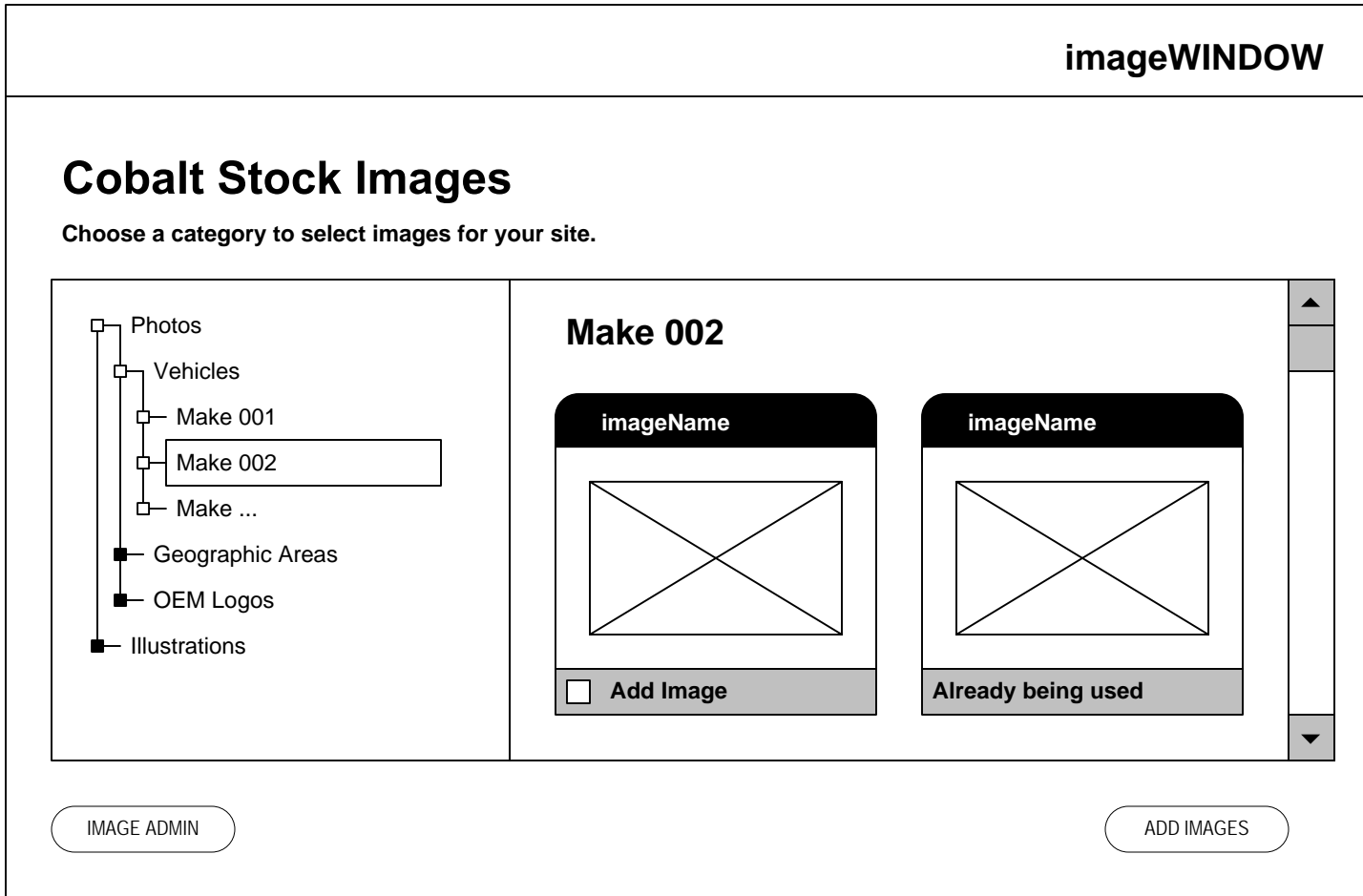
This page will cover all of the ways an image can be referenced or uploaded. This window has been widened when compared to previous revisions.

1. An image can be uploaded from the first section, complete with note.

2. Section two allows for a non-electronic, or other image to be referenced but not uploaded. i.e. the dealer gave the salesperson a paper photo to be scanned.

3. The third section links to the Cobalt image library.

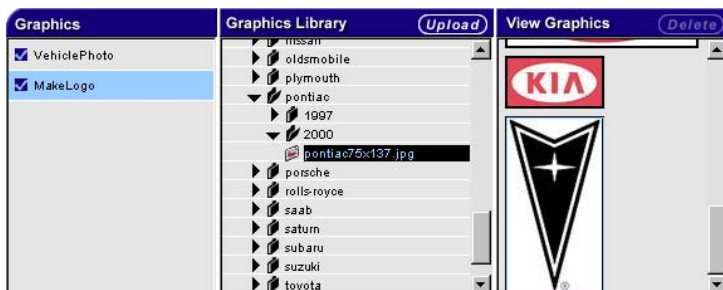
Design # 01 | Category of images, shown in pane



UI is similar to what is in AdWizard. Once the user gets to a node that has images attached to it, those images appear in the right hand area.

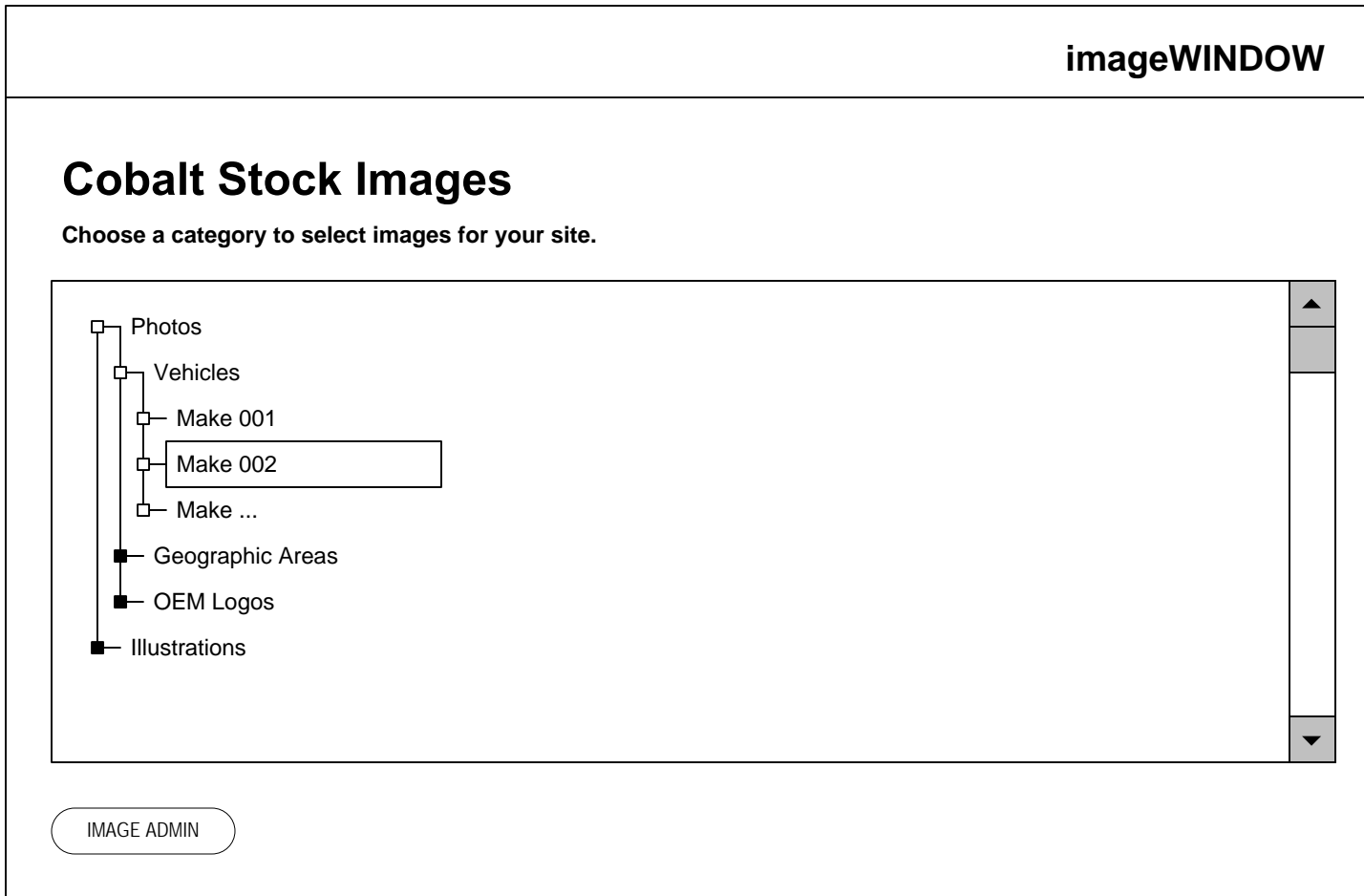
User checks the add image checkbox and presses the "Add Image" button to shove the image into their Admin list.

If an image is already in the list, the checkbox does not draw, but something states that the image is already in the list..



AdWizard UI

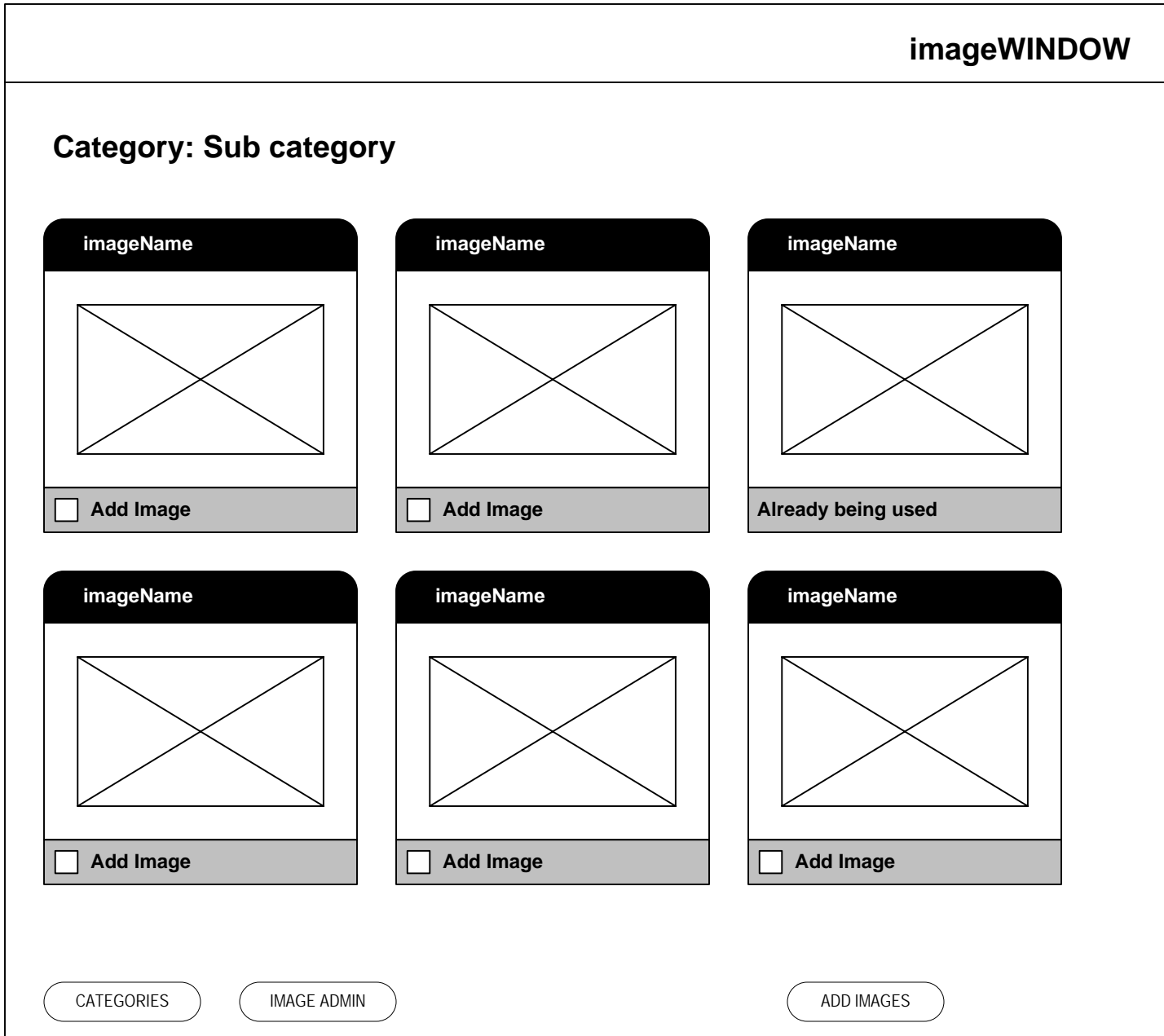
Design # 02 | Category of images, opened in new page



From this UI there is a hierarchical list of images that the user navigates to find the desired images they'd like to see.

Clicking a node that contains images would bring up another page with the images for that category.

Design # 02 | Image screen



Screen title shows where in the hierarchy the user is.

The "Categories" button takes the user back to the categories area.

The "Add Images" button turns on the "attached to site" flag and leaves the user on this screen.

Design #3 | New Window, AdWizard UI

imageWINDOW



Uses AdWizard UI in another window.

Upload an Image

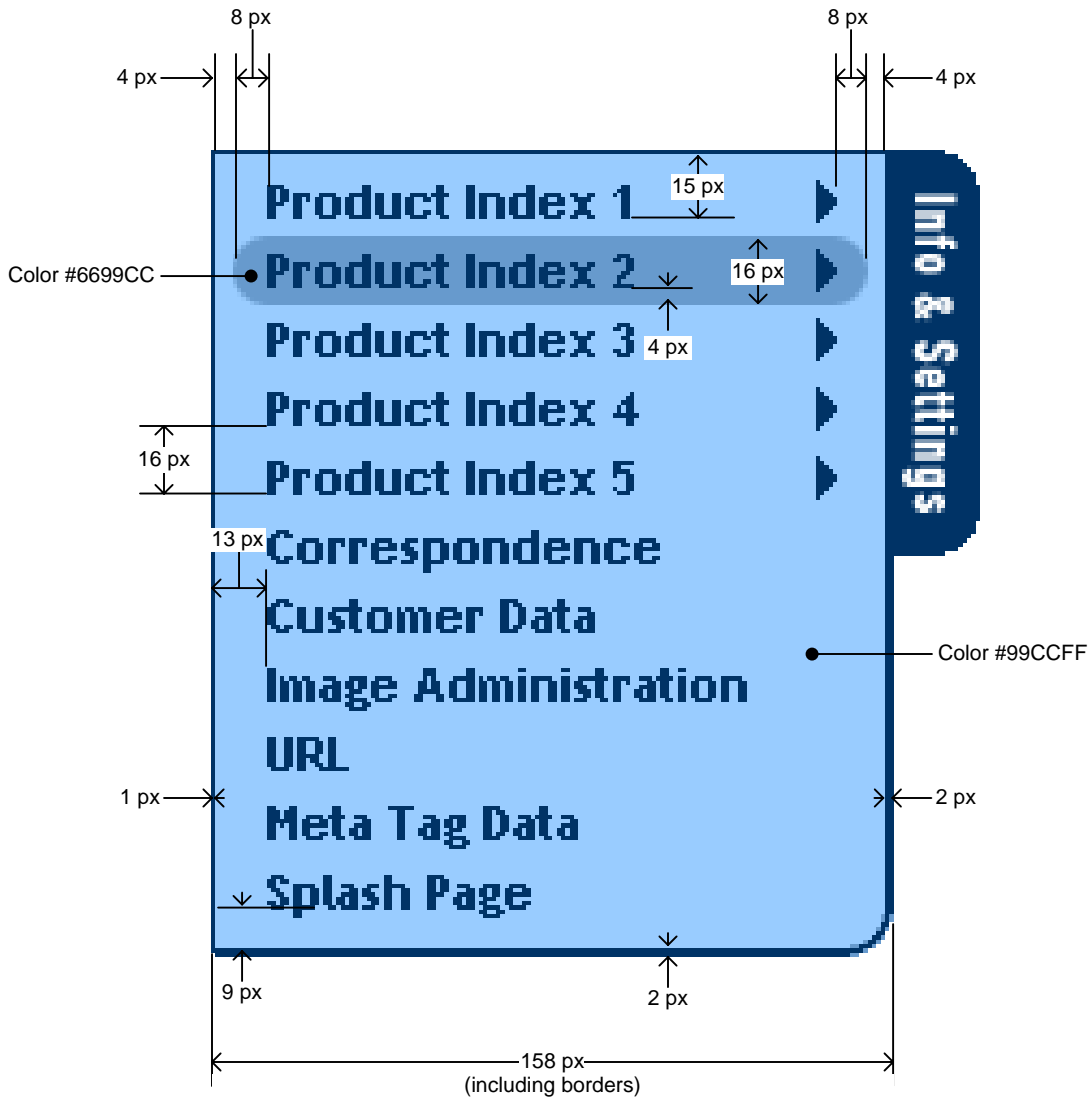
imageWINDOW

Cobalt Stock Images

Choose a category to select images for your site.

Graphics	Graphics Library Upload	View Graphics Delete
<input checked="" type="checkbox"/> VehiclePhoto	<ul style="list-style-type: none">▶ missari▶ oldsmobile▶ plymouth▼ pontiac<ul style="list-style-type: none">▶ 1997▼ 2000<ul style="list-style-type: none">▶ pontiac75x137.jpg▶ porsche▶ rolls-royce▶ saab▶ saturn▶ subaru▶ suzuki▶ toyota	 

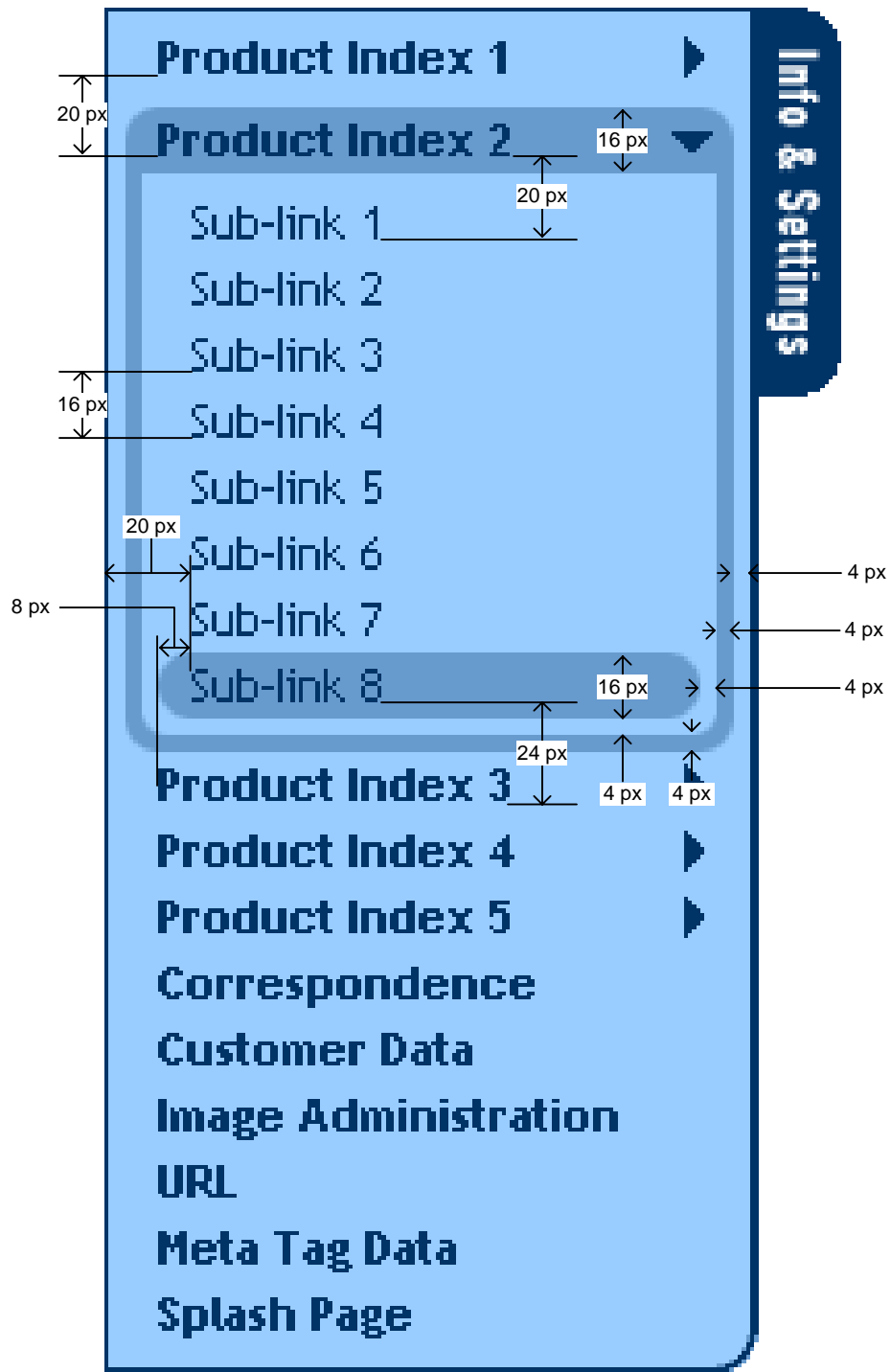
Collapsed Menu Measurements



```
.mainLink { font: bold 8pt/16px trebuchet ms, arial; color:#003366; }
```

```
.subLink { font: 8pt/16px trebuchet ms, arial; color:#003366; }
```

Expanded Menu Measurements



```
.mainLink { font: bold 8pt/16px trebuchet ms, arial; color:#003366; }
```

```
.subLink { font: 8pt/16px trebuchet ms, arial; color:#003366; }
```