Assignment 4
05-430 Programming Usable Interfaces

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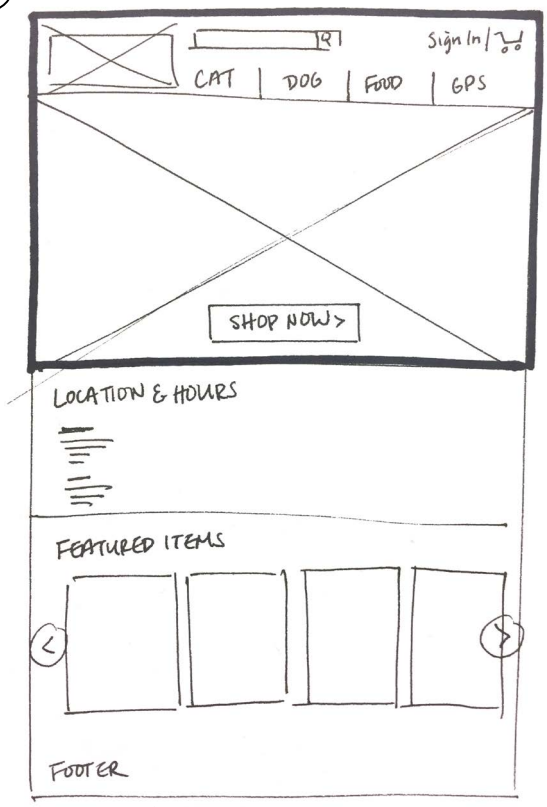
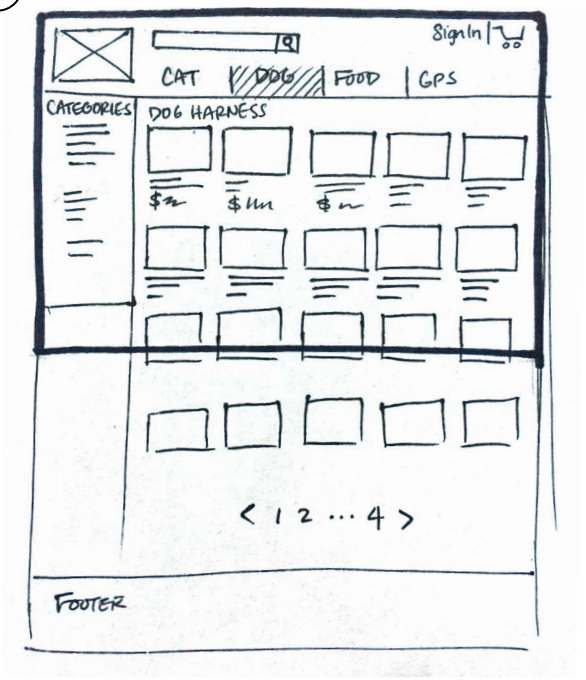
Paper Prototype

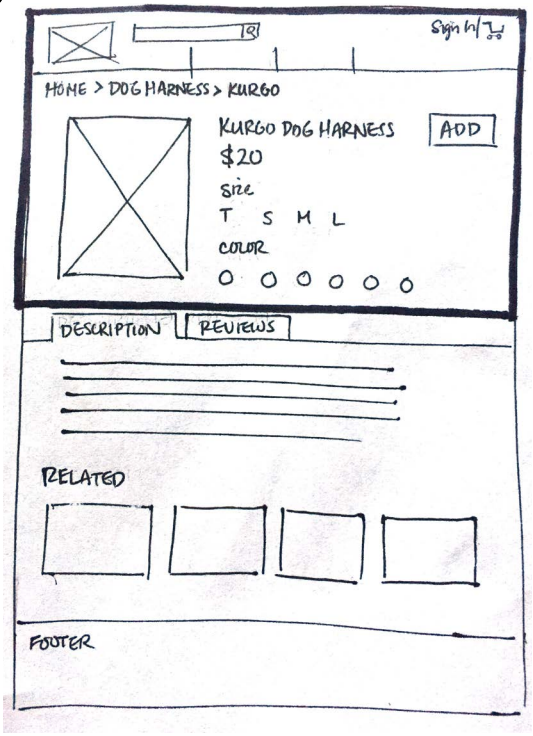
1 HOME



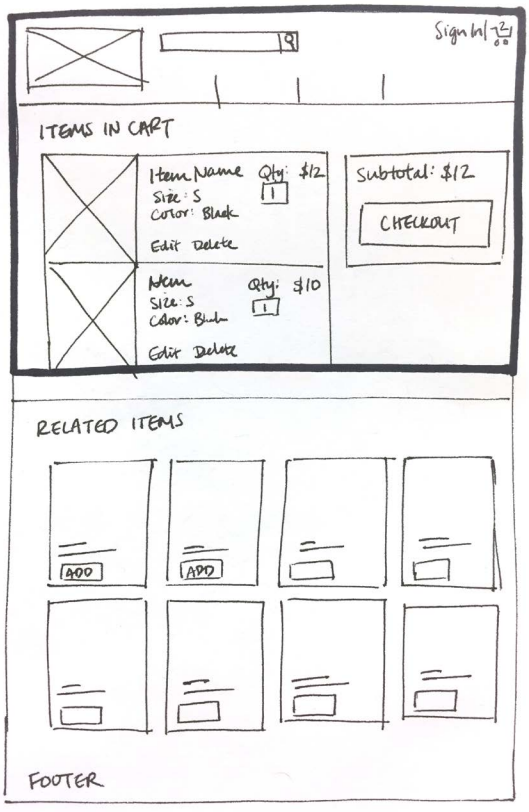
2 BROWSE



3 DETAIL



4 CART



Digital Prototype

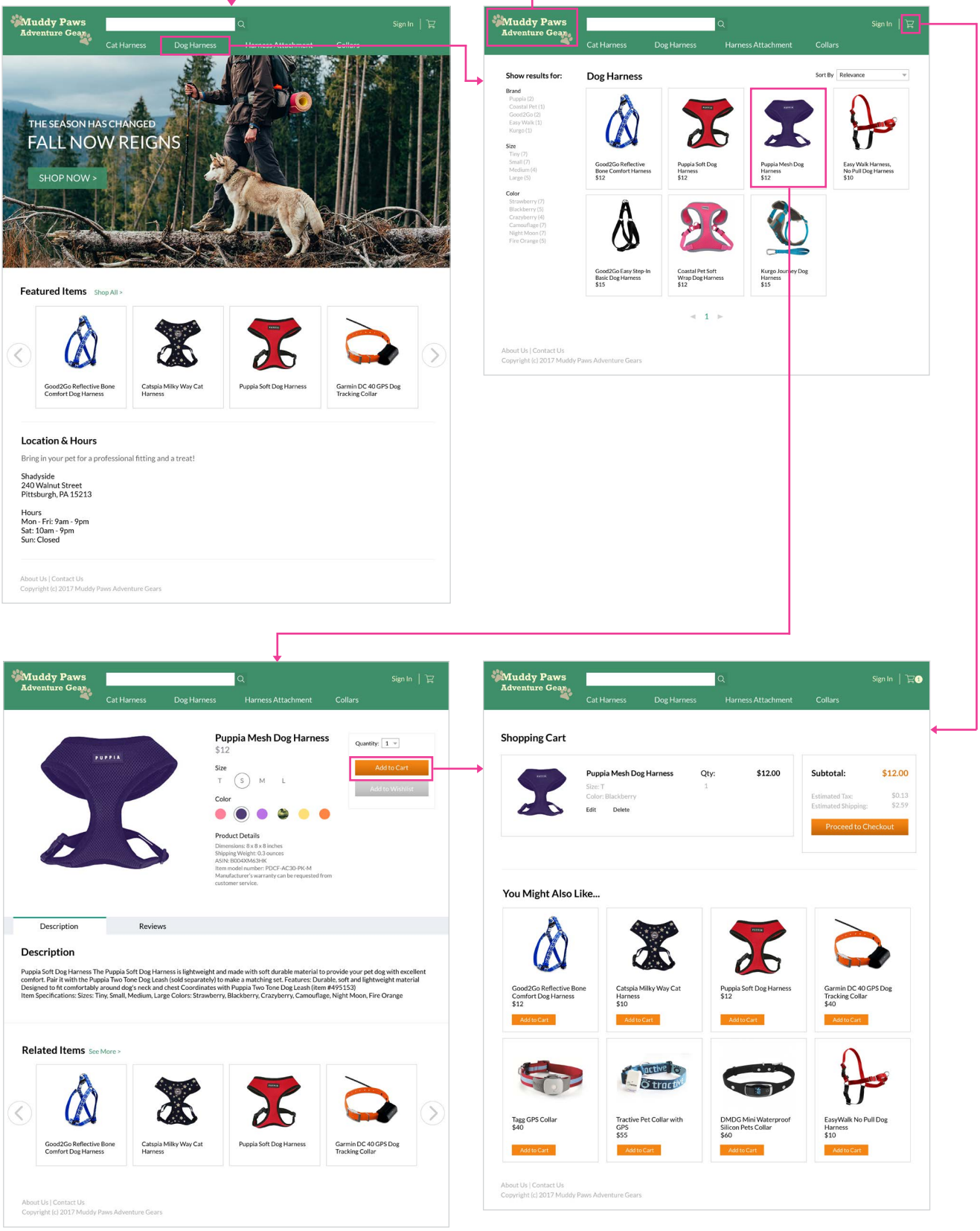
https://invis.io/3RDQM2DJX
Site map on next page

Content/functionality changes:

- New cart page
- On product detail page, moved Add to Cart button into a boxed section on the right, with quantity and Wishlist options
- Added a counter by shopping cart icon (top right) to indicate number of items in cart
- Added more text to detail page to make it look less sparse
- Added text to home page banner image to give context for it would take you

Stylistic changes:

- “Camo” color option icon changed to actual camo pattern
- Footer background changed to white
- Color palette changed to a less artificial shade of green


Muddy Paws Adventure Gear
Sign In
Cat Harness
Dog Harness
Harness Attachment
Collars
THE SEASON HAS CHANGED
FALL NOW REIGNS
SHOP NOW >
Featured Items
Shop All >
Good2Go Reflective Bone Comfort Dog Harness
Catspia Milky Way Cat Harness
Puppia Soft Dog Harness
Garmin DC 40 GPS Dog Tracking Collar
Location & Hours
Bring in your pet for a professional fitting and a treat!
Shadyside
240 Walnut Street
Pittsburgh, PA 15213
Hours
Mon - Fri: 9am - 9pm
Sat: 10am - 9pm
Sun: Closed
About Us | Contact Us
Copyright (c) 2017 Muddy Paws Adventure Gears
Show results for:
Dog Harness
Sort By
Relevance
Brand
Size
Color
Good2Go Reflective Bone Comfort Harness
$12
Puppia Soft Dog Harness
$12
Puppia Mesh Dog Harness
$12
Easy Walk Harness, No Pull Dog Harness
$10
Good2Go Easy Step-In Basic Dog Harness
$15
Coastal Pet Soft Wrap Dog Harness
$12
Kurgo Journey Dog Harness
$15
Puppia Mesh Dog Harness
$12
Quantity:
Add to Cart
Add to Wishlist
Size
Color
Product Details
Description
Reviews
Description
Puppia Soft Dog Harness The Puppia Soft Dog Harness is lightweight and made with soft durable material to provide your pet dog with excellent comfort. Pair it with the Puppia Two Tone Dog Leash (sold separately) to make a matching set. Features: Durable, soft and lightweight material
Related Items
See More >
Shopping Cart
Puppia Mesh Dog Harness
Size: T
Color: Blackberry
Edit
Delete
Qty:
$12.00
Subtotal:
$12.00
Estimated Tax:
$0.13
Estimated Shipping:
$2.59
Proceed to Checkout
You Might Also Like...
Good2Go Reflective Bone Comfort Dog Harness
$12
Catspia Milky Way Cat Harness
$10
Puppia Soft Dog Harness
$12
Garmin DC 40 GPS Dog Tracking Collar
$40
Tagg GPS Collar
$40
Tractive Pet Collar with GPS
$55
DMDG Mini Waterproof Silicon Pets Collar
$60
EasyWalk No Pull Dog Harness
$10
Add to Cart

GitHub

https://github.com/carolynyzhou/pui-assignment-4

Functionality:

- Product page changes image and price based on color and size selection
- “Add to Cart” button adds item to the cart with size, color and quantity options, increases the counter for cart items and the subtotal price
- “Add to Wishlist” button adds item to the wishlist but doesn’t affect cart item counter or subtotal price
- Text confirms item has been added to either list
- “Delete” removes item from cart and decreases cart item counter and subtotal price, or from wishlist but doesn’t affect cart item counter or price

Reflection

The first major part of the assignment I learned to handle involved using localStorage to store data across windows, and I got thrown a lot of syntax errors until I learned how to use JSON.parse(), JSON.stringify() and parseInt() because of the way localStorage holds data.

I also learned to think more about all the different information displayed on the page. For example on my cart page, I display all the items added with their corresponding image, size, color, quantity and price. Quantity affects the item’s price, as well as the subtotal and total item count, some of which I initially forgot to account for. This caused many little bugs in all the numbers updating correctly when adding/removing items.

I also learned to use attributes of my item objects’ constructors usefully in Javascript, such as storing values and text I may want to dynamically change or use.

Lab Critique

I moved the Location & Hours section to the bottom of the home page. The old placement before the Featured products section left a lot of white space because it was such a little amount of information. I also added some text to the banner image, where before there was simply a “Shop Now” button, to give some context as to what items you would browse by clicking the button.