

## Assignment 3 – Implementing a Website with HTML/CSS/JS

**Assigned:** Wed Sep 27 2017

**Due:** Sun Oct 8 2017 11:59 pm

### Learning Goals

Practice prototyping and basic web dev skills by prototyping an online store for a specialty boutique in HTML/CSS/Javascript.

### To Do

You will be prototyping for one of 3 possible clients (**pick one**):

1. **Bun Bun Bake Shop:** We are a small bakery that specializes in cinnamon rolls, from our famous classic cinnamon roll to a variety of artisan flavors. Our shop is located in Pittsburgh, PA, but we ship fresh rolls to anywhere in the USA. Visitors to our site should be able to buy cinnamon rolls by different flavors:

Maple Apple Pecan	Bacon	Walnut	Original (Gluten-free)	Original (Vegan)
Original	Pumpkin Spice	Caramel Pecan	Carrot Cake	Old Fashioned Buttermilk
Strawberry Rhubarb	Birthday Cake	Lemon Lavender	Cranberry	Blackberry

2. **Muddy Paws Adventure Gear:** We are a small store that sells customizable hiking and adventuring gear for your cat or dog. We are committed to helping all cats and dogs live to their full potential, experiencing the wild alongside their human hiker pals! Our online store should help people buy our line of gear:

Cat harness	Dog harness	Food and water storage attachment to harness	Dog/cat GPS tracker collar
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Each of these come in sizes Tiny/Small/Medium/Large, and come in colors Strawberry/Blackberry/Crazyberry/Camouflage/Night Moon/Fire Orange

3. **Flip Stitch Pillow:** Tired of dull pillows? We specialize in custom decorative throw pillows. All pillows are handmade in our artisan workshop out of Pittsburgh PA. For our online shop, please allow customers to choose from a variety types:

Couch pillow	Bed pillow	Round pillow	Floor pouf pillow
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And shapes:

Square	Round	Dog	Bear	Bunny	Cat	Custom
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Finally, please allow customers to insert a text-request about any customization on our pillows that they'd like.

## Setup

1. Go to Github, and fork the repository:  
<https://github.com/mkery/SSUI-Homework-3> There are instructions for forking a repository here: <https://help.github.com/articles/fork-a-repo/>
2. Add your TA as a collaborator! That's me, username = mkery on Github.  
Instructions can be found here:  
<https://help.github.com/articles/inviting-collaborators-to-a-personal-repository/>
3. Have Github host your webpage: <https://guides.github.com/features/pages/>

## Requirements:

You must pick 1 client, but from there, you have full creative freedom to design a web store, as long as it has the following:

1. **Create a view for a desktop web viewing experience, not mobile.**
2. **Consistent Look and Feel:** Design with your client in mind, to create a design that represents them! Across your pages, be consistent with your color and font choices.
3. **Required pages:**
  - a. Home page
  - b. Product browsing page that shows the variety of items the store has
  - c. Product detail page for each of the client's products
  - d. Shopping cart page
4. **Required dynamic features (javascript):**
  - a. The user can select a product from the variety of size, quantity, etc options the client has. For instance, for Muddy Paws, the user should be able to select a Tiny Fire Orange Cat Harness.

- b. User can select products and add them to their shopping cart. There should be some visual indication to the user of how many items they have in their shopping cart.
- c. User should be able to view their shopping cart page, see the items they selected, and remove items they no longer want
- d. \*\*\*Note you do *NOT* need to implement the checkout process\*\*\*

### **Deliverable (20 pts total)**

#### Paper Prototype: (6 pts)

- A low-fidelity rough sketch for each one of the required pages. (2 pts)
- A high-fidelity digital mockup for each of the required pages. This should *not* be a wireframe, should show all details like color and font choices. (3pts)
- Mockup shows generally consistent look and feel across all required pages i.e. color and font choices are consistent (1pt)

#### Web HTML/CSS/JS Prototype: (12 pts)

- At least 1 CSS file
- At least 1 Javascript file
- An HTML file for each of the required pages
- Each of the pages renders without error
- From the Home page, the other pages should be reachable with an `<href>` tag link
- The web prototype should look as close to your high-fidelity digital mockup as possible

#### Reflection: (2 pts)

- What challenges or bugs you encountered and how did you overcome the challenges?
- How is the brand identity of your client reflected through your design choices? What kind of look and feel did you design for them and why?

### **Submission:**

- Make sure your github repo is accessible by me!
- Submit your write up as a pdf on Canvas

### ★ **Bonus (5 pts total)**

- Any cool interactive feature you like, like animation or an interesting kind of way of interacting with the product (max 5 pts). If you create something extra, put a note about it in your writeup so that we can know to grade it!