

## Assignment 5: Web HTML and CSS Prototypes (21 pts)

**Assigned:** Wed Sep 19 2018

**Due:** Mon Oct 1 2018 11:59pm

### To Do

For the client that you based your Assignment 2 and 3, and based on the high-fidelity prototypes you created in Assignment 3 **plus the results of the heuristic evaluation (assignment 4)**, you will create Web HTML/CSS Prototypes.

### HTML:

1. Create HTML files for each of the 3 required pages:
  - a. **(2 pts)** The *home page*
  - b. **(2 pts)** The *product browsing page* that shows the variety of items the store has
  - c. **(2 pts)** The *product detail page* (**pick 1** of the client's products, and create a detail page for just that product. Make sure to show in the detail page the options that can be used on that product, i.e. color or size. Note: They do not need to be interactive, static HTML and CSS is ok for this assignment)
2. **(2 pts)** From the *home page*, the other 2 pages should be reachable with an `<a href=...>` tag link.
3. **(2 pts)** Make sure each of the pages renders without error. Use the Developer Tools in Chrome to do this, and also use the [HTML validator](#) to validate your HTML file.
4. **(2 pts)** Indent and comment your code; follow the HTML style guides.

### CSS:

5. **(2 pts)** Create and include at least 1 CSS file.
6. **(1 pts)** Make sure the CSS file is well formatted and use the [CSS validator](#) to validate your CSS file.
7. **(1 pts)** Indent, comment and follow the CSS style guides.

### Both HTML + CSS:

8. **(3 pts)** These web prototypes should look as close to your high-fidelity digital mockup as possible. Certainly, you should implement in your web prototype what changes are necessary based on the heuristic evaluation (above).
9. Note: You can use VANILLA HTML/CSS code only; don't use frameworks like Bootstrap or other libraries (you can "look at it" means you can look at how they do the HTML and CSS and format in a similar way, but DON'T import Bootstrap or other libraries).
10. Please cite any external resources you use.

## Reflection:

- **(1 pts)** What challenges or bugs did you encounter and how did you overcome the challenges?
- **(1 pts)** 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:

1. In your main Github PUI folder in your computer, create a new folder and call it homework\_5.
2. You should include all the files required in this write up in that folder.
  - a. HTML, CSS files.
  - b. Reflection file. The reflection can be pdf or MSword.
3. Make sure you do a **git pull** before you start working.
4. Always (for every change, big or small) do a:
  - a. **git add \***
  - b. **git commit -m "Please write a message that makes sense here; it is good practice"**
  - c. **git push**
5. The deadline for the Assignment is Mon Oct 1 2018 11:59pm. We will count as your final submission the last **git push** before that time. Anything pushed after that date and time will be counted as late submission.

## ★ Bonus (maximum 5 pts total)

- Prototype with HTML and CSS additional site pages or add product detail pages for more than one product item

## Resources:

1. [HTML Validator](#)
2. [CSS Validator](#)
3. [Final Code for Lab from Week 4](#)