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. Write up of your heuristic evaluation from Part 1 of this Assignment
    b. HTML, CSS files from Part 2.
    c. Reflection file from Part 2. 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