

PUI Assignment 4

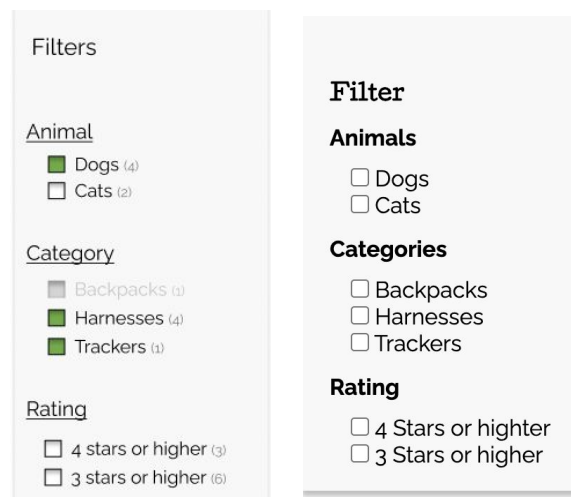
Live Version Link: https://cshannon3.github.io/PUI2020/homework_5/

Repo: https://github.com/cshannon3/PUI2020/tree/master/homework_5

For this assignment, I implemented the HTML and CSS of the home, product list and product details pages. After getting 3 classmates to do heuristic evaluations of my site, I uncovered and fixed multiple problems for this version.

One issue was that the Filter Bar was set to initially have all the options checked. While this technically made sense since all of the items were shown, it's confusing to the user since they'd have to click the options they don't want to see to unselect. For example, in order to select "only dogs" they had to click on cats to unselect. The standard way to do it is to start with them unselected, so I switched to that for this iteration.

Figure 1 Filter: Left is original, right is the fixed version



Additionally, there were 5 bugs/UI issues on the product details card. First, there was no way to select quantity, so the user could only add one item even if they wanted multiple. I added a dropdown menu for quantity. Second, I had two "Add to Cart" buttons, this was redundant and unnecessary so I removed the smaller one at the top. Third, I had one of the dog images flipped, so I flipped it back so they all matched. Fourth, I didn't have the color name under the

color. This could make it unclear what exact color it is to the user. I added the colors in small print below each box to add that relevant information. Finally, the “selection box” under the selected color was too small so it might not be clear which color is currently selected. I opted to replace the bottom bar selector with a box that went around the entire color. I also added an on-hover animation to make it clearer that they are clickable.

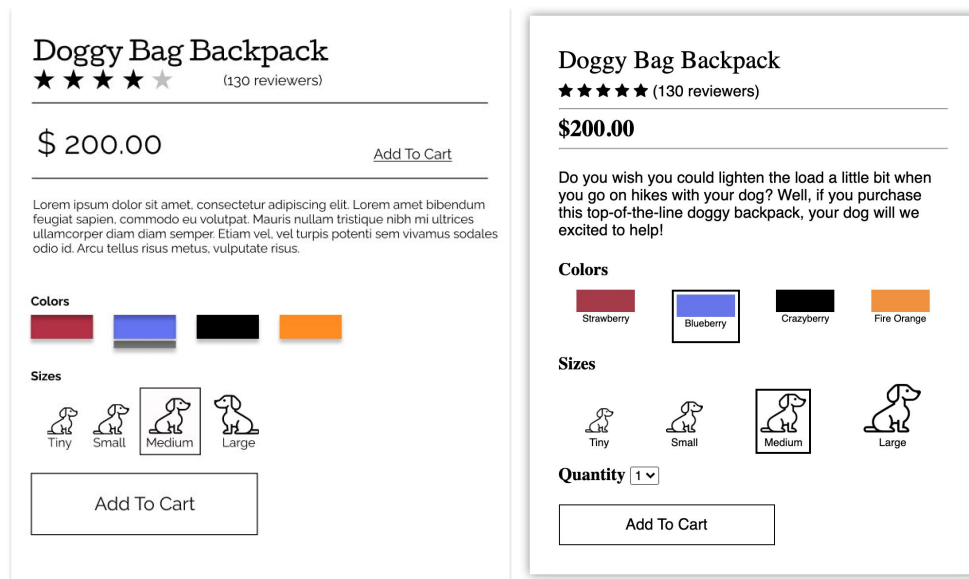


Figure 2 Product Detail Card: Left is original, right is the fixed version

The main challenges I had while implementing the design were getting the layout right, keeping track of CSS styling. With the layout, I started by using a grid layout to create the navigation bar but was having a lot of trouble getting all the content to fit within the boxes. I ended up using the codecademy resources on grid to figure out how to align everything within the grid. Going on from there, I started using the flexbox more and found that to be a bit easier to work with and debug. Another issue I had was debugging the sizing of the divs, it was hard to tell if the css changes I made were changing the right things. I initially made the boxes different colors so I could see them as I changed things then switched to the inspector tool on the chrome debugger console. The second major issue I had was keeping track of changes I made to css elements. I started off making unique css for most divs but noticed that there was a lot of

redundancy. So I tried to standardize the font across the site using the head elements(h1, h2, h3,etc) and a few classes but that quickly got confusing. I'd change the code in one place and realize it messed up the font on another page. I overcame this challenge by going through my figma design and finding all of the fonts I used and adding them to the css file then going through the code and making sure that the fonts were consistent.

In my design considerations, I made various choices that reflected my client's brand identity. The client's identity revolves around having high-quality products but also being relatable and authentic. To give off the focus on quality, I boxes with sharp corners and minimalistic UI to present the sleek and modern look. I choose the green, brown, and white color scheme because their association with nature signals that the site is related to outdoor gear. I added elements of authenticity through the content. Rather than hiding information about the company in the about page, I have a short section on the front page that describes who they are and why the user should trust them. I also added a Newsletter Form on the footer of the page to emphasize the client's focus on building a community and being more than just a store. The site and company isn't just a place to buy high quality pet hiking gear, it's also a place to learn and connect with other outdoorsy pet owners.

Resources

Icons: Font Awesome <https://fontawesome.com/>

Fonts: Google Fonts <https://fonts.google.com/>

Images

Husky <https://flic.kr/p/4sFZdM>

Newfoundland <https://flic.kr/p/FbjGnJ>

<https://flic.kr/p/fM842L>

Dog hiking <https://flic.kr/p/4bGS1J>

hiking dog <https://flic.kr/p/4n5tyK>

Hiking dog <https://flic.kr/p/cHUJVG>

Hiking dog <https://flic.kr/p/gAaqC9>

Dog leash <https://flic.kr/p/DDSy6v>

Dog Harness <https://flic.kr/p/Dtvs25>

Cat Harness <https://flic.kr/p/mLhr4>

Dog Leash <https://flic.kr/p/oFpBhY>

Dog icon

https://www.pngitem.com/middle/iiRJhJR_dog-png-icon-dog-icon-free-transparent-png/

Tibetan Mastiff <https://flic.kr/p/7SgNpt>

Antarctica <https://flic.kr/p/KgzVnk>