Assignment 5 Deliverable

Link to Website: https://skirk222.github.io/MHCI-Projects/

Link to Repo: https://github.com/skirk222/MHCI-Projects.git

      During my Heuristic Evaluation, I identified four items that I wanted to fix. First, I wanted to make sure that my top navigation bar was organized in a way so that it prevented user errors. In my original design, I had stacked the buttons "Log in" and "Create Account" vertically. I did this because the actions seemed similar, but I realized that I had created a point of confusion. This decision violates Heuristic #s 4 and 5. Not only was this format inconsistent with the rest of the toolbar but the buttons were also so small that they left room for errors to occur. Someone might press the wrong button and end up in an unintended location. I corrected my top navigation bar, so all the components are lined up evenly and horizontally. Next, I set out to use a grid to realign my top and bottom navigation bars. Grids are helpful for organizing information and maintaining a polished look. My top and bottom navigation bars had violated Heuristic #8 because they had not been aligned properly: I had inconsistent spacing in between each of the navigation components and the margined. In my code, I made sure to align all the navigation items on both tool bars to the right, and I used padding to provide even space between each of the components and the margins. Next, I corrected a violation against Heuristic #1 by providing more feedback to the user on selected items. In my original design, I did not always make it clear for the user to know when a certain color, size or quantity was selected. I added in borders around selected colors to indicate the state of the product. While the following aspects do not violate Heuristic #1, I also decided to switch out the boxes for the quantity and size for drop down menus (in the product description pages). Drop down menus can make it easy to determine the size and amount of a products without having to pay close attention or input the desired settings manually.

      During this process I encountered several problems with placing text around a page. Because my original design utilized several corners of the page and flex boxes, I had to figure out how to place each item in relation to everything else on the page. I asked for help from my colleague Joseph, and he explained the differences between all the positions (sticky, fixed, absolute, relative, and static) to me. Joseph also walked me through how to organize my navigation bars which made placement a lot easier. I had a better idea of what I was moving around and where I expected it to go. After Joseph helped me with the home page, I was able to take what I learned and apply it to the product browsing and product description pages. In all honesty, my placement is still not perfect, and I am still working on how to size boxes and make sure that no items are running into each other. This website is very close to what I ultimately want. I plan to make edits after I do some more research and ask for feedback on my current code.

      Next, I had a lot of trouble with GitHub and git. I kept getting several errors as I was setting up my repo and working in Terminal. Fatal: not a git repository (or any of the parent directories): .git and git error failed to push some refs to remote, were just a few of the errors I encountered. I looked up each error on Google and fortunately it turned out that my issues were not difficult to solve. After an hour or so, I learned how to successfully initialize and connect my

folder to my repo so that I could begin committing and pushing files. Another GitHub related issue I came across was creating a page with a folder. I originally did not know what the difference was between and folder and a branch, and I again used Google to find the answer. I learned that a branch is a part of the repository, and a page will connect to a folder that I define in the repository in my Finder window. When I was creating a Page and looking for the link, I found my classmates questions and responses in the PUI slack channel to be very useful.

I believe my website closely follows the model that I had built in Figma. Therefore, it should address my target audience, outdoor enthusiasts with pets, well. I enjoyed colorful images to attract attention and create an inspiring and compassionate mood. I wanted the emphasis to be on the photos so viewers would understand that the owners of Muddy Paws really care about their customers and clients. One difference between my Figma design and my website is I did leave out the quote on the home page. I found it to be too crowding and distracting where it was, so I may find another place to add it in. I used high contrast and bold fonts so viewers could clearly see each of the buttons and navigate around the page easily. Lastly, I used stylized icons to create a fun and attractive interface. I believe all of these components would be appreciated by my target audience who just want to enjoy their time with their pets outside.