

Interactivity and Accessibility

This site meets the requirements for the assignment by using accordions to simplify the text output to the user so that they can easily see questions or categories that they want to see instead of seeing the details for every question and category and having to search for the information. It also uses bxsliders on a couple of the pages to cycle through images of patterns or just general images. Originally most of the pattern pages had a bxslider but when incorporating the AJAX request to load the information it prevented the use of the bxslider. As a result, the bxsliders were removed from all but one page which I choose to leave hard coded so that the bxslider could be displayed.

For the AJAX requests, I stored the information about the patterns into JSON files and read in the information that way to populate most of the pattern pages. Because I could not get the bxslider to work with the requests as it was populated I ended up adding an if else statement that would format the pattern based on the number of image paths that were in the pattern file. This is not how I intended to do this but made the most sense given the problems that I faced.

I have addressed accessibility issues with the following:

- Ensuring that all images have alt specifications so that they can be used for non-text alternatives.
- Ensuring that the content of the pages is displayed with a meaningful sequence.
- Ensured that font-size is appropriate for ease of reading and viewing.
- Ensured that contrast between colors and parts of pages are viable for those with disabilities.
- Ensured that abbreviation translations are available for instances where patterns use abbreviations as part of their schema.

Feedback

While there was some feedback from the clients, it was sparser than I would like. One of the major feedback that I received was to not use the project display page, which I have taken out. There were only a handful of projects passed to me that they had been using as they were donating to WFBH Brenner's Children's Hospital NICU who have specific needs and guidelines. They loved having the ease of access to all of the patterns being used and to things like donation guidelines and what materials to use. This is not always specified in patterns because it can be much more dependent on where the donated items are going.

Thoughts and Future Work

I think that this site would meet their needs for what the clients are currently looking to use it for. However, I do think that it could be expanded more to hold more content for the clients and more specific information, including the possibility of having the site partnered with some local charities for NICUs and even having the Brenner's NICU direct individuals to the site for donation information.

I would like to make some slight changes to the css design of the site, mainly moving the navigation to be along the left side of the site under the ribbon logo and making that entire swath of the screen orange. I think that would also make the purple of the logo pop more. I would also like to implement the product display page with more patterns available to choose from. Mainly to have more offerings as the needs of NICUs evolve.