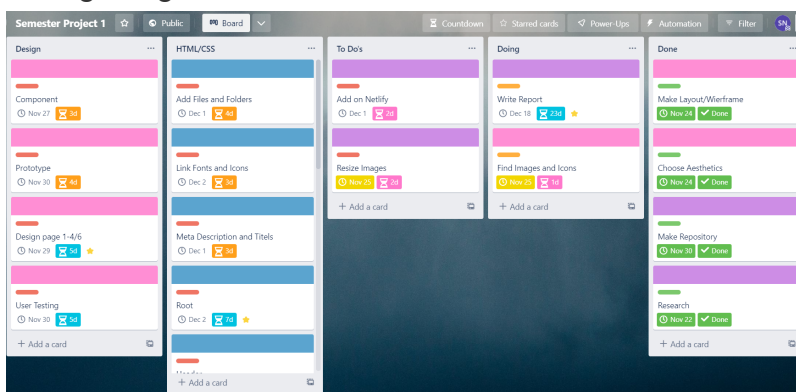


Semester Project

Community Science Museum

It was easy to get started on the assignment right away since we had made the trello board the week before. The timelines had mostly been set and you had already decided where to start. Here is a photo of my trello board when I had just started. I had timelines on everything so I wouldn't fall behind and got the satisfaction of setting things to done.



The project brief said the site was primarily for children ages 7-15 and families with young children. However it also said not to pander and consider the audience as curious and intelligent. So when I started designing the site I decided I wanted to use a bit of colors and images to make it a bit more fun and visually exciting without making it too childish.

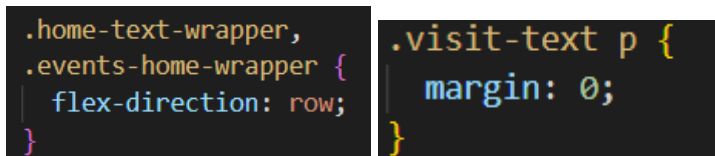
When designing the hero section I really wanted a colored background with a 3D looking image that would give it a bit of dimension. When I found an image that was close to what I had imagined I chose a background color similar to that image as well. The colors used across all the sites are mostly within the same color category with lots of blues and purples.

All the different pages have some background color somewhere to separate the different sections and just make it more organized. There are images to all the different texts across the site to make it less dry, on the bigger screens I also changed up the position of image and text so the layout wouldn't seem too boring. The typography I used on the headings is called Chakra Pech and I chose this because it gave me a robotic science vibe which I thought would go well with the theme. On all the other texts however I used Montserrat because it had a simple design and is easy to read.

The text and background colors have all been put through a contrast check to make sure it is accessible to all.

When I started coding I first made all the pages I would make and gave them all titles and descriptions. I also linked all the pages to the stylesheet, fonts and icons I would be using. Getting this done right away so I knew I wouldn't forget later.

On the stylesheet I also started by making some changes to the html, * and body selectors that would make it easier for me to work with. In the root I made some different variables to use in my css like color, font size and font style. This made it easier to make changes to my variables without making changes throughout my entire css which I did a few times to get my font size right. I also made a few general classes that I tend to use quite regularly. I did this so I wouldn't have to repeat myself through the stylesheet but rather put the necessary classes in the HTML instead. I tried to keep the HTML semantic by sectioning each page into header, body, footer and making sections within them. Looking at it now I could probably have used a few other tags like article as well around the page. I also tried to use a few parent child selectors in my css to refrain from making too many classes and also used several classes or selectors for the same declaration.



```
.home-text-wrapper,  
.events-home-wrapper {  
  flex-direction: row;  
}  
  
.visit-text p {  
  margin: 0;  
}
```

To make the site responsive I used media queries to change the layout of each page after it had reached a certain size. On the smaller screens the layout is mostly columns and as the screen gets bigger the sections go more into rows. I also used clamp on the font size so it would grow and shrink along with the screen. I had some trouble finding a font size that wouldn't be too big on the big screen or too small on the small screen, but I found a page that generates font size clamp which I will link to in references.

On the exhibition page I made another navigation menu of all the exhibitions available to easily take you where you want without having to scroll. It also gives you an overview of what's available.

Cosmology | Evolution | Biology and Medicine | Robotics and AI | Ecology

I used mostly flex on all the pages except for the get involved and the visit boxes where I used grid to get a bit more structure on the placement of the page.

When making the repository I started off as privat, but had some trouble deploying it on netlify which is why I ended up making it public.

References:

Font size generator - <https://clamp.font-size.app/>