# Semester Project 1 Process Report

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Figma file:

<https://www.figma.com/design/YOuE2yMUgEfM4WSKZXuAf2/Museum?node-id=6-233&t=C0jeKRTihZUv659T-1>

## Planning Process

When I first started planning my project, I went back to what I wrote in my reflection for the assignment in the HTML and CSS course. I went through the points for: “What would you have done differently?” and “What would you do with more time?”. At the same time, I reviewed the issues in the project plan I had set for myself in the submission for the Project Methodology course. I then began writing down points to create a new project plan and Kanban for the Semester project. While doing this, I also revisited some of the theory provided in the Project Methodology course.

Since we didn’t receive feedback on the Project Methodology assignment right away, I used the project plan I had just made and started working making a new one. I remembered that for the last assignment I spent too much time on the wrong things, so I thought this time I would manage my time better. However, I found it difficult to know in advance how much time the different tasks would take.

## Design Process

When I first started to plan the design part of the element, I looked up other museums targeted towards children to get some inspiration. I especially looked at what colours and fonts was used. I also tried to look up what colours was fitting for a “science” theme, and what was fitting for children. I found it a bit challenging finding colours that would fit the target audience, and don’t be too bright but also not too boring. And the same with the fonts, I struggled to find a font that was not too childish but also not to formal.

I then started to put down my style guide in Figma. I also tried to plan the layout in Figma better than I did last time, by spending more time doing so.

I also used layout grids more actively in Figma, compared to the last assignment. I also decided to create my own logo, but eventually found that I spent more time on this than I had planned.

I felt that having a wireframe I was satisfied with really helped at the beginning when I started coding. It made me feel like things were progressing faster, and I didn’t have to think too much about design elements, but focus more on the coding itself and making it responsive. However, as I continued working on the website, I realized that some of the colours I had chosen didn’t provide enough contrast between the text and background, so I had to change them. I also overlooked elements that were specified as requirements for the assignment, which I hadn’t included in the wireframe and therefore hadn’t added to the website. As a result, I had to make several changes along the way.

In hindsight, I could have spent more time planning the colours, fonts and wireframe of the website.

Since I changed my colour scheme so much, I felt that at some point at became a bit blind to how it actually looked and felt. When I at the end finally was satisfied with the colours a trippelchecked the contrast to the text, to make sure I hadn’t overlooked anything. I choose the colours I did because I felt they were appropriate for the audience. I also think they fit the website very well, and they feel bright and colourful without being too bright and harsh to look at.

## Build Process

I followed my project plan when I first started coding. I began by adding basic HTML across all the pages, before I then started working on each page one by one, diving deeper into the HTML for each page. I also completed the header and footer quite early on before moving on to each individual page. This was because the header and footer were meant to be the same on all pages, and I had anticipated that they would take the longest time for me to code, which turned out to be true.

One of the challenges I encountered was with the footer. Even though I 'finished' it quite early, there were still things that caused it to change on different screen sizes, and thus it didn't work as well responsively. I had to fix it several times throughout the entire period.

I also found it quite challenging to constantly ensure that the website looked good on both small and large screens, especially since I was coding on a regular PC screen myself. I struggled to figure out whether the text was too small or too large for phone screens, and whether the interactive elements were too big or too small for smaller screens. Therefore, I tried to constantly check it on my own phone and in the browser to see how it looked on different screen sizes

## Testing Process

As mentioned above, I constantly checked how the site was functioning responsively while coding, both on my own mobile and PC screen. I also frequently used my browser's 'inspect' tool to switch between different screen sizes and see how it worked responsively. I also tested the colors and contrasts using the website:  
<https://coolors.co/contrast-checker/ffffff-3b604b>.  
I checked the website against the site: <https://wave.webaim.org/>, and also used the site: <https://validator.w3.org/>."

## Conclusion

I found the project both challenging and fun.

I feel that I have made a good effort, but I hope I can improve my time management in the future. I followed my project plan, but I occasionally forgot to use it as it’s still quite unfamiliar to me to use it. This is something I hope to get better at in the future.

I found the most challenging part was organizing and estimating time correctly. I felt like I spent a lot of time on things that I ended up completely changing, and too little time on things I wish I had more time to fix.

I hope I can get better at planning the project, especially planning the wireframe, colors, and style guide more thoroughly to avoid having to make multiple changes along the way.

I also thought that testing and making small changes towards the end wouldn’t take as long, so I didn’t allocate much time for this. As a result, I ended up with less time than I wanted to properly address these tasks, and there were small things I would have liked to fix and double-check.

All in all, I am satisfied with my effort and the final product

## References

Horizontal scrolling:

<https://www.youtube.com/watch?v=3yfswsnD2sw&t=1134s>

## Images used in the project

Logos:

<https://www.vbsd.us/news/post/923/browns-osmo-for-schools-project-featured-on-5news>

<https://en.m.wikipedia.org/wiki/File:LEGO_logo.svg>

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