

Project X

Reflection Report

Redesigning a website using Tailwind CSS

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Introduction

This project was my first real experience using Tailwind CSS, a utility-first framework for styling websites. I had heard that Tailwind makes it easier to design directly in HTML, so I decided to try it out. In this report, I'll reflect on what I learned, the challenges I faced, and how I plan to improve when using Tailwind in the future.

SCSS

Unfortunately I didn't continue with SCSS because of time constraint. I will maybe try to learn that in the future but for now I want to focus learning tailwind.

What I Learned

Using Tailwind CSS taught me a lot about how styling works in a different way compared to writing normal CSS. Instead of writing my own CSS rules, I used pre-made utility classes directly in the HTML to style my website. This made things faster because I didn't have to switch back and forth between HTML and a CSS file.

The documentation for Tailwind was very helpful. Since I didn't know all the class names, I had to keep looking things up. Over time, I started remembering the most common ones like flex, grid, and text-center. Even though I was slow at first, I noticed that I was getting faster by the end of the project.

One thing I really liked was how easy it was to create a design without writing much custom code. Tailwind has classes for almost everything, and I could combine them to get the look I wanted.

I also learned from some videos how to add custom CSS within tailwind. For example, adding in bg-[#FFFFFF] would give background color white but then with the specific hex code. This way I could add in custom colors that the website used that I was recreating. This custom CSS is also possible to add in

Challenges I Faced

Even though I liked Tailwind, I ran into some problems:

1. **Learning the Classes:** As a beginner, it was hard to remember all the class names. For every new thing I wanted to do, I had to check the documentation. This made me slower at first.
2. **Cluttered Code:** My HTML got really messy because I was adding so many classes to each element. Sometimes it was hard to find what I was looking for when I went back to edit something. I had to specifically comment out each div to keep an overview of where I was but this would also make it more clearer for future edits.
3. **Responsiveness:** I know Tailwind has great tools for making websites responsive, but I didn't have enough time to make my website fully responsive. I tried a few things, like making classes for different screen sizes, but I didn't get to finish everything. I added that all in the configuration file.

What I'll Do Next Time

Even though I'm still new to Tailwind, I can already see how useful it is, and I want to get better at using it. Next time, I'll:

- Spend more time learning the class names so I don't need to look them up as often.
- Make sure I leave enough time to focus on making my designs fully responsive.

Conclusion

Overall, I really enjoyed using Tailwind CSS. It was a bit overwhelming at first, but once I got used to it, I could see how powerful and flexible it is. There's still a lot for me to learn, but I'm excited to keep using Tailwind in my future projects. I know that with more practice, I'll get faster and better at creating clean, responsive websites with it.