



Web Technologies

Reflective Writing: Module Assignment

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Reflective Writing: Module Assignment

1) Description:

For the module assignment of Web Technologies, I was given a task to make a website using HTML, CSS and JavaScript. This assignment was given by my Lecturer Mr. Pravash Karki. In this assignment, I had to make my own personal website and submit it and even the viva was taken for this module assignment. Even though the assignment sounds simple, it is not really easy and hence for the assignment, I had to search for different tutorials and examples before I begun with it.

2) Interpretation:

While starting with the assignment, I felt pretty confident because I started with making a HTML file. It was really easy and it took me about 1 hour to complete HTML

framework of all the webpages what I was going to include in my website. However, I had not made a wireframe of any design and I just listed down the basic elements required like navigation bar, image, background, paragraphs and heading. After completion of HTML framework, I started to make a wireframe for designing my website. It felt like an easy task before, but when I started, I realized it is difficult so, I started surfing browsers to find a design for my website. Out of many designs, I finally liked one design and hence I started working on it.

I started using CSS to design my website. At first, I found it easy because I only had to include some basic designing effects like colors and adjusting the sizes of elements. However, as I move forward with my work, I felt it was difficult because other elements like padding, margin and layouts were also required. So, I started checking out YouTube videos for reference again. While checking out

those videos, I realized there are so many things required to make a website and hence I started implementing those requirements by following those tutorials and eventually my CSS was ready for all HTML framework. I finally felt like my work was completed, however, I realized I have not used JavaScript and my website is not responsive. As I made my website using desktop first approach, it was suitable with all the web browsers I used in my PC but when I checked the same website in my mobile phone it was messed so I thought of adding media query as well to make it responsive.

Making website responsive was the most challenging aspect of this assignment because it was really difficult to implement and I again went and checked different tutorial videos for making it. At last, I was able to make my website responsive, however there were lot of things that went wrong during this phase. Firstly, I kept the minimum device

width thinking that it will be same for all the devices and moved forward with my website.

Once I hosted the website in GitHub and accessed it from different phone, the elements of paragraph of my website were going out of the box which made my website unattractive. The second problem I faced was that the image size of my website was same for all the device and the third problem was with the hamburger menu because I was not able to make my navigation bar for mobile phones. So, at this point my problem was that website was not compatible with mobile phones. For a moment, I started panicking a lot but then when my friends told me they were also having similar problem, I realized I was not alone so hence I chose to watch tutorial again for making my website and this time I decided to make a whole new website rather than correcting the previous one because I was not able to identify the errors at first.

When I started working with my second website, I understood all the errors that I made previously and hence I tried my best to not repeat the same mistakes again and I made my website responsive by keeping the maximum width of similar websites and there I also adjusted image and paragraph sizes according to the device's width.

For navigation bar, I used hamburger menu and made it display in a Column for mobile devices and in row for desktop and tablets.

Before making my second website, I went through all the lecture slides of this module and checked each and every topic that were taught there and hence I implemented each and every thing from that slide to my website and to avoid the repetition of my old mistakes, I checked YouTube tutorial of one youtuber and followed all the steps he implemented on his website.

I also implemented all the required elements like padding, margin, layout: float, flexbox and grid, selectors: universal, class and id selectors, background, image sizes, media queries, div, selection, headings, paragraph etc. on my website. Lastly, I also used JavaScript to add alert and prompt box in my website which will be displayed first when the user opens it.

By completion of this assignment, I realized that the most important aspect of this homework was CSS because it gave whole new appearance to my website and the reason why I chose to make my website again by looking at YouTube video was because there was only about week left for this assignment to be completed. And after completing my task I felt really happy because I gave my based and overcome all the obstacles, I faced during completing this homework.

3) Evaluation:

After completion of this website, my knowledge regarding different tags of html like paragraph, break, headings, image and alt, table etc. were recalled. As I had only learned internal CSS before, this assignment really helped me improve my understanding related to external CSS. Similarly, I also became familiar with basic CSS elements like padding, margin, layout: float, flexbox and grid, selectors: universal, class and id selectors, background, image sizes, view port and most importantly media queries. I also became familiar with internal JavaScript and alert and prompt boxes.

Hence, the overall assignment was difficult but I completed it on time and it really boosted my knowledge regarding website development and in future if I am given same task, I believe that I can do it more properly and confidently.