



REFLECTION WEBSITE DEVELOPMENT

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WEB DEVELOPMENT
SWE-245

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REFLECTION OF WEBSITE DEVELOPMENT

The web development course we have been taking this semester is one of the extensive courses on our campus which is part of the ongoing technical courses. As requested by the courses which are SWE 245, we have been developing a personal website based on an exciting place throughout the world to visit. The place I have been developing my website is the Roman Colosseum and there is a promotion-like website to help users have guidelines to visit the most amusing place in history. The tasks we did in designing and developing this website were not only by our efforts but also with the help of the online classes and all the prompts we were given in class as an activity to implement the designated task and showcase what we included in our pages in-class time. I had so much fun learning all kinds of designs and learning all the web programming languages in class and using w3schools as well.

Before I started this course I had very little knowledge of web designing development. I took only one course on HTML basics from an online platform and the only things I know were general tags that are used in HTML including headings and paragraphs. In addition, I also had some experience with how to display the codes written in HTML in browsers such as chrome and Firefox. The time I began truly understanding the usage and meaning of every tag and function was when I started this course.

Upon designing my website, the first thing I did was figure out the patterns and layout of my home page and other pages on a piece of paper. Then I started drawing the connection between the pages to help me create interlinks within my website and enable the users that visit the website to navigate with ease and fast. After planning my layout, I started designing it with an online editor by looking at different templates of several websites. So, I chose a unique design and then I picked my background for the home page. After that, I pointed out the contents to include inside the index page starting from videos, images styling of the context, and also several fonts to use for different parts of the page. First, I created the folder SWE 245 and also other folders such as image, video, script CSS, and so on. Then I started editing the index page by adding written texts, images of the place(Roman Colosseum). I managed to learn to embed videos and google maps in class and then added those contents to my website which was very helpful and insightful because it was a simple and fun task to do. After that, I started exploring other functions of CSS and bootstrap to help me shape and style contents inside my webpage. I spent several hours learning and getting the hand of CSS styling techniques in w3schools and also the discussion in class regarding this was also very helpful. Therefore, I shaped my website utilizing CSS and some bootstrap styles and this was very inspiring as the work I

had to do to style any content with HTML was devastating. However, thanks to those factors I was relieved of doing the hard work. The list goes on and on from my index page to contact, about feedback and others. Additionally, the lessons on JavaScript, JSON, cookies, and web storage were also fascinating as we literally can implement several applications and add functionality to our website using only those. I used some scripts to display hidden texts and change English to Arabic on my friend's page as well. As we go on through some classes, I perceived knowledge of how to use links inside web pages, and not only can we use texts, but also images and we can easily click on the elements to go to the linked section. Finally, we came along to web services and this part of the course was very intriguing as the shortcuts to just go to online websites, edit the contents there whether it is a chat service, navigations, weather forecasting and then I was only required to copy the embedding link and use it in my coding. This part was very fun and enabled me to use many services such as an online chat service to help my users, the weather forecasting to predict the climate if they want to visit the Roman Colosseum, and a clock to tell the time in Italy. All those services were very easy to utilize and custom them in the websites provided in the slides, so they had significant assistance in developing my website.

In conclusion, this course was one of the most interesting courses I have ever taken in my academic journey and the most exciting part of it was that I benefited so many things starting with the fact that I was able to create my website and be able to design it in my way was unbelievable. At last, I would like to point that I enjoyed this course had a wonderful time exploring all those functions of web programming languages.