

Ryan Wong

11/11/20

CS 499

Module Three: 3-2 Milestone Two: Enhancement One: Software Design and Engineering

In this narrative for my enhancements of category one: Software design and engineering, I will briefly describe what the project is and when it was created; describe why I choose this selection for my ePortfolio, what specific components the artifact showcases about my skills and abilities and how it was enhanced. I will also address whether I meet the objectives I planned with the enhancements and finally I will reflect on the process of enhancing the artifact.

This project was taken from my CS250 class – software development lifecycle, in that class I portrayed many roles throughout the software development lifecycle from developer, tester, scrum master. The project itself is a slideshow that will display the top five vacation destinations and it was created in June 2019. I selected this item because as I want to enter the career path of web development, mostly all websites have a slide show of some sort of images or something else. I feel that displaying my skills of being able to create a simple slide show using another language as my base stone shows my understanding of the logic of the previous language and being able to transfer that logic into a new language. I enhanced this project in two ways, one transferring it into a different language and two by removing the buttons that were used for navigation and making the slide show completely automatize, the slides will repeat continuously until you close the program.

This project did not come out as I planned because I had originally planned to use the buttons for navigation. But I encountered many issues when trying to get the function correct to make the buttons work. The first attempt my buttons worked but after about 5 clicks it would

automatically return to the first image. So I tried another method with the buttons and although they were no errors inside the IDE when running the program through the live server option of VS code IDE, when I inspected the page it showed me an error with not being able to read an “appendchild” which I could not 100% understand because I had called the class and everything properly or at least I thought so. I then realized maybe I should proceed through another route of completing this enhancement because currently I am just recreating this same project but using another language. I then sort out to educate myself on how to use automation instead of buttons and I was successful, although I did not use any Javascript and was able to complete this with just using HTML and CSS; it got the job done.

Throughout completing this project, I learned that in the world of coding if you think it is simple task, it is not. What I thought to be a simple 1-2-3 project turned out to be overly complicated in some parts trying to figure out what was going wrong and why. In the end I was able to get it to work and have learned that there is always more learning to do. What completing this project did point out to me is something I have known all through my school years, my weak area is creating functions, loops etc. and this will be something that I will need to master as everything I will be doing going forward will need one to make the program operate. However, I did have quite an enjoyment styling the way the items would look with CSS, honestly I did not think that so much was possible with CSS but as I mentioned you are always learning.