Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

Emilia Aunola, 0547210

LEARNING DIARY, Software Development Skills – Front-End

**LEARNING DIARY**

**Day 1**

On the first day I just enrolled myself to the course platform and read the general information about the course. I read through what the mandatory recommendations for the course are and how they are evaluated. I did not have a GitHub account, so I created one and I got known the GitHub environment. I did some research on Git and looked up similar projects.

**Day 2**

On the second day I decided to start doing the course assignments. I chose VS Code as my code editor for this course, I learned how to set up addons by googling how to do it. I started to watch the first part of the example project to understand the technologies better. I followed the instructions in the example video, so there were no problems with downloading and booting. learned how to set up all necessary software & additional plug-ins and extensions. I also learned what Sass is and how to set up and use Node-sass to compile Sass into CSS.

After my coding environment was ready, I started creating my own webpages following the instructions on the example videos. I watched the first and second video and through them, I learned, how to uses Sass variables and about nesting. I also learned how to change the colors of the background or footers. I also learned about different kind of mixins, and how to use them. They were really easy to use.

I encountered my first problem when I could not apply the background image to the homepage. I followed the instructions in the video, but the result was just a blank white page. I used Stack overflow to get help but did not get any help from there either. When I realised that I was stuck, I send an email to teacher Natasha and asked for help.

**Day 3**

Natasha replied fast ad with her advises I got the background image visible! After that, I continued watching videos and following along. I did not face any other problems, so the rest was done quickly and conveniently. I learned how to create a rotating menu button with Javascript QuerySelector and EventListener methods to show and hide my menu when clicking the menu-button. I created the menu overlay, added branding area & navigation links and I learned how to make my pages responsive to different sized screens, it was very useful and I have utilized that on my other courses too. I also learned how to do menu overlay.

I created the about page and learned how to use CSS grid template areas ja columns. I wanted to take advantage of the project in my job search, so I modified the project to suit the best to me. For example, I did not make Work-page, as I do not have any projects, that I would like show. Instead of work-page I made a page for my work history. I used the same method for work history page as I had used for about page, of course I used a different layout and style. Lastly, I created the contact page, where I learned how to use flex-boxes and hover effect with different kinds of colors. I added my work and own e-mail to the page plus my phone number. I wanted to make them active, so that If u click my email, it will automatically open your e-mail app and send me an email. I googled it and found a really good way with “mailto” feature to do it. It worked well!

When my pages where ready, I uploaded them to GitHub. I think the example video was a little bit complicated to understand so again I used Google and found an easier example how to do it. So, it took only about three days to almost complete the course, but I worked those days from morning to night.