Lappeenrannan teknillinen yliopisto

School of Business and Management

Software Development Skills

Iina Alaraatikka 0547249

LEARNING DIARY, FRONT-END MODULE

**LEARNING DIARY**

**Introduction to the course and the project**

I got familiar with the course information from Moodle and understood what this course was about. I was excided to start my first project and design my own webpage. I planned what I would include in my page and found out that what I would need in my page are ‘home’, ‘about me’, ‘education’, ‘work’ and ‘how to reach me’ pages. I would also need a menu-button where user can change pages.

I listened the first lecture video and got familiar with the Visual Studio Code. That looked clear and quite easy to use, so I decided to use that one for this course. I got familiar with the program and created a git repository. I started my project by creating a dist-folder, where all my html, css, pictures etc. goes. I also created a scss folder, which will include all my sass-files. I combined the folders with node-sass and for that I needed package.json file, so I created that. Then everything was ready, and I started coding the main-page, and got for example the title and the background-colors added. This was all new to me and I learned a lot, but still everything went smoothly with the instructions.

**Starting the project and adding the pages**

Project started with the main page, and I created there the menu button, headings and the body, which included the layout of the page. I decided my primary and secondary-colors, and I learned to add those as a variable. That made it a lot easier to use those colors through the project. I learned, that for the visualization, it is important to add more texture to the page for example chancing the background more visible in some parts, adding some background pictures and adding decoration to the text and buttons. For the visualization I added background picture to the main page, and lightened the background color, so user can see the picture lightly in the background.

Next, I did the menu button. I realized that there is a lot of things I need to consider, when designing the menu button, for example what user sees in the background, how does the text appear and what to show in that page. I decided that I want to cut the page half and half and add my picture to the left side and the buttons to the right side. Getting the picture as a right size to the right place was quite hard for me, but eventually it worked. I also wanted to slide the buttons (home, about me, education, my work and how to reach me) to the screen from the side to make it more visual.

When I had done the main page, it was easy to copy part of that as a base for the other pages, and then edit the pages so that they suit their purpose the best. For these pages I learned that I needed to add the grid-items, which makes the visualization better. That is because with the grids, I can choose which display is best for each page. I made the needed classes to every page, and designed the displays depending on how much text there is and what looks best in every page. That took some time, but at the end of it I was happy with how the pages looked like. Then I made needed classes, for example in education my schools and in work experience my workplaces. For the contact -page I wanted to add my picture again and my contact-info, so for that I added boxes for the picture, phone number, e-mail and home address. I think with the same kind of layout in different pages makes the website united.

After all the pages were done, I found out that I needed to make the page suitable to read with different devices. That meant chancing the size and the layout when opened with different size of devices and screens they have. I found out that chancing these layouts was quite easy, but necessary for the user comfort. With the grids these changes were super easy, but I had some problems with wrapping the text. After searching and trying out different things, I got the best result, and I was happy with the results.

**Deployment and finishing the course**

I have used GitHub to help me in different courses, but I have never added anything there myself. So, creating a new repository and adding my project there was new to me. That was surprisingly simple, and also adding the deploy was quite easy with the instructions.