Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, FRONT-END MODULE

**LEARNING DIARY**

28.11.2022  
  
I started the course and understood what it was about and how to complete it. I decided to first learn how git works and set up a repository for the course. I already created a “Coursework” and a “Project” folder for this repository.

I finally understood how to use git over the terminal (on MacOS), which I never did in my study program until now. I installed Visual Studio Code as well as Atom, as I worked with both in the past and I am not quite sure which one I am going to use in this course. In the first semester of my studies I already worked with frontend, which is why I wanted to deepen my knowledge and signed up for this module. At that time, we worked with Atom, but I haven’t heard of that editor in other contexts until now and I might try using VS Code this time. What I am most happy about is that I finally got an introduction on how to use git, which is a huge step in my Software Development “career”.

04.12.2022

Today I decided on how to proceed with this Learning Diary.

22.12.2022

I started to watch the first video and got an introduction to sass. As I thought it would be the easiest to follow along, I decided to also use VS Code editor for this course and installed addons such as LiveServer and Prettier. I also installed Node.js and worked through the first video until the end, which means I created folders like dist and scss to work with on the example project.

I had some trouble with the end of the video, because the creator initializes a new git repository for the modern\_portfolio folder. I proceeded the same way as him with the .gitignore file, but realized I already had one in my main repository, so I just added the path of the node\_modules folder and got it ignored in my own repository without having to follow the last steps of the video.

Right now, I’m not sure if it’s a problem with the two branches on git, because I push to master branch and there is also a main branch. Might be confusing, but I’m pretty sure I looked it up when I watched the introduction to git, and it was right this way.

25.12.2022

I watched the second video and besides from setting up some classes and the navigation elements in the .html-file of the example project, I learned and did the following:

The most important thing might probably be the use shortcuts in VS Code, for example setting up a class by typing .class and press TAB to complete the line, or copying code fragments using shift+option+down. I included the fontawesome link from the video in my .html-document, because I had to sign up on the original fontawesome.com page and wasn’t sure if the link I got there works the same (I copied it into my document but commented it out).

Then I created the js folder with a .js-file in it. I also learned about variables, for example to reuse specific colors, the rgba-value for opacity and the z-index which stands for depth inside of the page (to put something in the background or closer to oneself).

But most importantly I’ve worked with Sass because of the video and understood what it is being used for. In the past I’ve only worked with CSS itself and didn’t know about the things I just described yet.

Later I googled a lot and tried to fix the branches on git, but encountered some problems while switching the branch over my terminal and switched back to the master branch. I am probably going to try and fix that some other time.

I also watched the third video and created the rotating menu button. Another shortcut I learned while doing this was how to select several same strings one after another by highlighting one and press Ctrl + D. I understood how to show and close (in this case) nav items. It is interesting how the example project creates the menu button itself. In the past I have used an icon. Like this I also learned how to transform single lines for example.

Additionally, I learned how to split up .scss-files and import different ones into the main file.

26.12.2022

* Fourth Video: Menu Overlay & Responsiveness
* First half of video: menu overlay using scss

27.12.2022

* Fourth video continued (responsiveness)
* Media Query Mixins in \_config.scss, created \_mobile.scss

**EXAMPLE STYLE 2**

10.9.2018

I learned about,

version control, but mostly it was just refreshing my memory. What I learned was…

how to develop as a becoming software professional. I find <something> interesting, because…

how to set up Atom environment with addons. There was one problem that took me a lot of time to solve. The problem was about …

Etc.

**EXAMPLE STYLE 3**

Freeform.

Something else, but reasonable. You must document what you have done, learned and when this have happened.