Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

Daniel Hadaya, 0547045

LEARNING DIARY, Front-End MODULE

**LEARNING DIARY**

16.12.2021

I went through the course overview and all the other tabs. I understand what the course is all about, and what is needed to complete the course. As said in the course goal; “This course aims to help you find your passion as software developer.” I’m using Visual Studio Code, as it’s my main code editor. Before starting to watch the videos, I got used to GIT & GIT Gui and repos. Git Gui took me some time to understand it again, as I hadn’t worked with if for a while (couldn’t find how to change the branch name to main, as it would always make a master branch when I pushed test files). Now as all the basics are done, I am ready to actually start with the course.  
  
I started up with the files, and installed node sass. I learned how sass files compile to regular css. We will not touch the regular css file, as it works as a compiled sass file. I also learned that you always have to run ‘npm run sass’ if you restart the code editor, otherwise the css file will not update automatically when you update the scss file.

In the second lesson, I refreshed my memory with html, on what does header and main mean in the website. I learned to import a script from where I can use icons. I also have understanding how rem size work (basically rem font is x \* html size, which in default is 16). I tried to solve myself how to make animations with personal colors to each of the social media icons. It took some time, but I’m satisfied with the result. I learned how to use a function in sass, so I can write down things much more nicely.

I faced a problem again; my background image would not be visible. This took me quite some time to understand why, but after reviewing and searching for the issue, I missed an “background-image” ID in the html body. As my background was dark without lots of details, I didn’t have a reason to implement an overlay. Setting the variables to a config file is smart, and makes the code look nicer.

17.12.2021

I started with revising my code and understanding what I did yesterday. Everything was simple. Though I must admit that I couldn’t get to this same position I am in without the help of the videos. Doing work side by side with the 3rd video I came across with the same issue as the presenter; my code wouldn’t save immediately to the website. I figured out myself that I had to run sass.

I had my first touch with JavaScript. It was very simple and straightforward. I had some issues with the menu button animation and making the X button look nice. It took some time, until I realized that the menu button size was an odd number (3). I changed it to two (2), and the cross looks much better now. It’s not a big deal, but from different perspectives (and because it will possibly be a personal webpage) I think it should be perfect.

I understood how to divide the menu page into two parts. All the alignments make sense now too. I learned to use CSS 3D functions. I found the optimization of the different screens to be very interesting. I didn’t know that it was made this way. Changing the website responsiveness was very interesting. I use Git Gui to commit my work.

18.12.2021

Today’s video started with the presenter teaching how to give the text a dark color if the other colors of the website are light. I did not add the function to my website, as I don’t feel the need of it for my website. However, I learned it, but I just didn’t implement it to my code.

Starting with the about me page, I could use the html template from the main page, with a few edits to make it viable to use as the about me page. Everything was straight forward. I had a small issue in the html. The issue I had, was that I named my class ID’s wrong. It took me some time to figure it out, without help. At the same time, I learned how to make a sticky footer. Before the instructor told to make changes for mobile / smaller screens, I thought that I had to make some changes to the template for mobile screens.

19.12.2021

Again, everything was pretty straight forward. Following the instructions were simple. I tried to make changes without watching the videos first, and I managed to make the work.html page somewhat nice. I am still having small problems with CSS (or sass), but I’m riding along.

I learned that you could extend the styles very easily. I learned to use Flexboxes efficiently. I also refreshed my memory on how to open links on new window, tabs etc. Publishing the website to GitHub was very easy and straightforward.

Some notes during the course:

* The instructions could be a little more beginner friendly, especially the variable names.
* My websites base is ready. I am planning to change the outlook and functions of it soon.