

Lappeenrannan teknillinen yliopisto
School of Business and Management

Software Development Skills

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LEARNING DIARY, FRONT-END MODULE

LEARNING DIARY

12.1.2022

I went through the general information and understood how the course works.

I watched the video in the “Introduction to workflow and sass” part of the module tasklist.

I decided to use VC Code as my code editor, since it was most familiar to me. I went through installing GIT and Node.js as instructed in the video. And I also installed the VS Code extensions used in the video.

Following the instructions I created the project in VS Code and followed the video by doing all the things shown in it. Html was already familiar to me from my high school IT course. Although it was familiar I had gone a little rusty about using it, but I quickly figured how to use it again. Sass was completely new to me so it was quite interesting to start learning it, as it speeds up workflow.

I watched the next video in the “Homepage and Core Sass/CSS” part.

By following the video I made the website look better using sass and CSS, improving my understanding of them. Nothing more to report.

Next I watched the video in the “Rotating Menu Button” part.

I followed the video and made the rotating menu button. I was somewhat familiar with javaScript and this added more to my knowledge of it. After reading through the comments of the video, I found a more optimized way to handle the ‘toggleMenu’ function which reduced the needed code to half of the original (thanks, Ijier Kaspersky). I also tinkered around with the ‘btn-line’ transforms to make a near perfect ‘X’.

14.1.2022

I started the day by watching a video in the “Menu Overlay & Responsiveness” part.

I followed the video and made the menu system. I improved on the design making it so that the portrait wasn't transparent, making it look much better. I also made slight adjustments to allow the usage of the same portrait image without the need of changing it.

Next I watched the “Page With CSS Grid” part.

I followed the video and made a working ‘about’ page. The only differences I made at this point was changes that made my chosen portrait image to show as 250px*250px as it was bigger than the one in the example.

Next up was the video in “Work and Contact Pages “.

As per the instructions in the video, I made working pages for ‘work’ and ‘contact’. I noticed an issue about my test email being too large to read when the window was smaller, but I decided to fix it later.

I started to make the website more personal and firstly I wanted to add a “purple rain” animation as the background of the ‘home’ page. Next I addressed problems caused by text not scaling with screen size. I tried to fix it, but in turn it made it even worse, so I decided to revert my changes and keep it original.

Finally I watched the video in “Website Deployment”.

It took a while to get my local repository pushed to GitHub and after reading GitHub's own manual I pushed it successfully. After that I set up GitHub Pages and got my project to work there.

15.1.2022

I started creating my own project based on the project made with the video series.

I quickly took a look at “Basic Parallax Website With HTML and CSS” and “Responsive Image Slideshow”, and decided to add the parallax effect to my project.

After searching the internet about things to add to my project, I stumbled on a “smooth scroll” which would work well with my project. I watched the video “Landing Page With Smooth Scroll - 3 Options” made by the same creators as the video material in moodle. I added the smooth scroll to my project. Next I searched for a way to highlight the current section in the navigation bar. I found code made by Web Cifar. I read through the code and implemented it into my project with some tinkering.