

Lappeenrannan teknillinen yliopisto
School of Business and Management

Software Development Skills

Marta Xiaoyang Moraga Hernández, 001101267

LEARNING DIARY, FRONT-END 2022-23 MODULE

27.09.2022

I accessed the course for the first time and read the Course Overview, General Course Information and the Environment Setup tabs. Briefly, I looked over the other tabs as well.

I decided to work on VS Code on Ubuntu, as I have already done some basic version control there.

The diary is being written on google docs, then being exported and transferred to the project as a pdf before important commits.

24.11.2022

Using GitHub Docs and the tutorial on the course I set up the repository.

Part 1

To follow the instructions from the video, I installed nodejs, using the instructions provided on the Advanced Web Applications course.

25.11.2022

In the last step of the video they create the .gitignore file before initialising the repository. Since I already had the repository ready and I was working in the Coursework directory inside the already created Front-End repository I created .gitignore inside Front-End, and added the route *Coursework/node_modules* inside.

I struggled a bit because I made a spelling mistake, so node_modules ended up on the github repository anyway. Therefore, I deleted it and did several test commits to check for the problem.

Part 2

I pondered for a moment if I should use my name and data to fill the portfolio example. I decided I will use the data from the tutorial, because in the future it might link things like twitter or linkedin, or add images, and I lack those.

To use the icons I signed up for fontawesome.com.

So far, scss is quite similar to css. Variables, nesting and functions truly facilitate styling.

Sometimes, when trying to use a variable or id, messing up the spelling is quite easy, so I downloaded Code Spell Checker extension to help with that.

As I assume everything on the tutorial is going to work I am not committing very often.

Part 3

This part of the tutorial was quite simple, just following along. Most of the difficulties were differences in class names. For example, I named the navItems class as 'nav-items', while the tutorial mentions that they name it 'nav-item' in singular.

I had the same problem with sass as the tutorial and the solution was the same Ctrl+C and run the script again.

Part 4

I had some trouble with translate3d, but it was quite easy to find the problem, I mixed up the values.

As I continued with the videos, I started to see there are lots of options for the front-end. With clever use of css and js many things are possible.

Using the option to simulate different mobile screen sizes when inspecting a web on Mozilla I found that on slim smartphone screens a scroll bar does appear. Scrolling down it is possible to see the end of the transparent grey box that should cover the image.

Adding *overflow: hidden* to the body on the main.scss or changing the height from 100% to 100vh does solve the issue. Both with the problem that some parts of the web will not show because the screen is too small, however, I suppose this is expected behaviour, as a couple of times in the tutorial *overflow: hidden* is used. Also, to be fair, screens of this size are unlikely and this is only for the sake of experimenting.