Lappeenrannan teknillinen yliopisto

Software Development Skills Front-End, Online course

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LEARNING DIARY

30.06.2023   Introduction   to   workflow   and   sass
I started going through the courses Moodle-page and got a brief thought that what this course contains. I created the git repository for this course. I watched the first video.

I spent a lot of time trying to figure out how to set up the *npm* and node on Linux. However, I gave up as I couldn't get the correct version of *nodejs* loaded that would work with the version of the *npm*. That's why I think I need to stay in Windows for this course. I have a clue on how to fix this though, but I guess this course will be easier to manage with windows. The initial workflow setup was interesting and already opened a bit of the things I'm going to face on this course. I learnt to create the initial workflow setup and I understand *npm* and the basic idea of *sass.*

01.07.2023 Homepage and Core Sass, Rotating Menu Button, Menu Overlay & Responsiveness
I watched the second, third and fourth video and also coded at the same time.

I had a bit of a struggle with the *fontawesome* as the link had had changed. In the end I got it figured out and now it works ok. I really enjoyed this part and it was fun with the live server as you could always see the effect of the code and it visualizes a lot.

The third video about the rotating menu button was also interesting and of course I learnt to do that as I coded at the same time as in the video. While coding the overlay part and menu I thought that it is basically repeating a lot and the main thing was to get the page to look good. Of course, that is what the front-end basically is and I enjoyed it.

Making the site responsive needed a lot of mixing with the pixels and sizes of the things on the page. I think it's important that the site is responsive, and it was nice to learn about it more. At this point it is clear that sass is a bit advanced than *css* and has good features. Nesting also seems to be a great way to write efficient code. The courses main goal was to understand how to combine *HTML* and *CSS* with *JavaScript* to create different effects on the web page and I think that I have already learnt a lot about this.

02.07.2023 Page with CSS grid, Work and Contact Pages, Website Deployment

I watched the fifth video and coded at the same time.

At the start of the video a good thing was totally made as they wanted to make the website correct the colors if there's a light or dark background. That's actually a thing that needs to be remembered if the website is wanted to be well responsive. Grid-template-areas seems to be really effective function to get the grid to look good.

The Github website deployment was a new thing to me but over all it was pretty easy to make as there was clear instructions.

03.07.2023 Starting the own project.

I had a clear vision in my head what I'm going to start to do. I started the homepage and created also the .html files that I'm going to add later on. To this point all was pretty clear as I had done the exercise already. I briefly went through my ideas of the web page and started sketching it. I did the initial workflow commit and created the base for the project.

04.07.2023 Creating the menu overlay and adjusting the main page.

I just continued the project and I tried different things that would fit the webpage. Over all, I didn't learn much new as I had used this feature already before on the exercise. I checked how I could get the main pages picture centered from google.

05.07.2023 Finishing the menu overlay and starting the about page.

The menu overlay comes from the right and left sides of the screen. It doesn't matter what screen size is it still does the same.

I thought that I will do the about page with a grid with 3 images and 3 info texts under them.

06.07.2023 Finishing the about page and creating the contact page.

I continued the about page and basically just decided the grid and made the page responsive. Again, there wasn't anything new just making the right adjustments to get the

pages look good. I had a bit of a struggle with the github pages, or more in detail with the *ssh* keys.

The contact page was done with boxes and I also added a picture there. This page uses the same background as the about page.

07.07.2023 Fixed some problems and published the website.

I finally finished the whole project and published it. I solved the *ssh* problem and got it to work. Over all, I think that I learnt the basics of combining *html* and *css* with *JavaScript*. I think that the project helped me to actually learn everything as I needed to think more. I also checked some features that might be added to the project from google, for example, underlining the headings.

The project is made for made up company and I have used features from the exercise of the course.