Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, Software Development Skills: Front-End 2022-23

LEARNING DIARY

Part 1: Introduction to workflow and sass

2.1.2023

I learned about VS Studio Extensions and how to download them. In the lecture was showed how responsive design looks like so that the design is available in different screen sizes but this was pretty familiar for me from other courses.

3.1.2023

I learned about,

Live Server extension which auto reload the project page. Bracket Pair Color extension is not necessary, but it helps reading the code because there are different kind of color codes for commands etc. I learned how html looks like and what are the basic shortcuts to make some things like write a headline. I learned about sass and how it helps with the scss files. It was pretty interesting to see that the scss creates css file and it is important that you don't touch the css file.

Part 2: Homepage and Core Sass/CSS

3.1.2023

I learned how to make a simple menu with html. I also learned that html looks very old without css. Also, I learned how to make headings and add social media icons to home page.

5.1.2023

I learned about how to change font and font sizes and what is rem unit. 16 pixels is one rem as a default or depending on how many pixels html font size is. In the lecture also was showed how to lighten the text area. Also, I learned how to put the menu bar position so that it is always on top.

6.1.2023

I learned about,

how to set a hover color and what is a hover. Setting transition to hover. Using mixin and variables. If you want to go outside of the css folder, use ../ and then the path. I learned also how to add a background image.

Part 3: Rotating Menu Button

8.1.2023

I learned about,

How to make a overlay to a website and how to change its opacity and how to move text on top of it with z-index and negative number. Also, you can do it the same overlay with after and content elements. Partial files should start with underline. I learned how to import a partial file and when importing it you just write @import 'file'; so there is not included the underline or file type only the name.

9.1.2023

I learned about,

How to make a menu button. How to design menu button so that it can rotate and move its parts with transform. How to make overlay menu so that is kind of like a new table. Adding an image to the overlay menu part was difficult because first I did not manage to get it on the right size but then I found out that using background-size: cover command it will make it the right size.

Part 4: Menu Overlay & Responsiveness

10.1.2023

I learned about,

How to make the website look good with different screen sizes by adding media queries and how to make the menu responsive.

Part 5: Page With CSS Grid

10.1.2023

I learned about,

Function that can set the text color according to if the background is dark or light. I learned that the function need to be added to both things the overlay and the body. I learned how to make a new about me page and add there text. How to set the text to the columns. How to make a sticky footer.

Part 6: Work and Contact Pages

10.1.2023

I learned more about,

making buttons and new pages. How to make columns responsive. I had a problem because suddenly my menu button disappeared but somehow, I got it back.

Part 7: Website Deployment

10.1.2023

I learned about,

How to add project to Github but this was super hard and first I had to watch three more tutorials because I got a lot of error codes when trying to connect to the Github.