

Lappeenrannan teknillinen yliopisto

- **Sending University:** Polytechnic University of Madrid
- **Course Name:** Software Development Skills Front-End, Online course
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LEARNING DIARY

06.9.2023

I started the course videos.

My main focus was to be able setup correctly the code editor I'm going to use throughout the course which is, in this case, vscode since it's the most versatile and the one I'm already familiar with.

I set up the necessary plugins recommended in the first video and started working on the main project frame finishing it and familiarizing myself with how the sass code translates to CSS.

29.09.2023

It's been some time since I started the course, so I had to review part of the first video to remember where I was and review the code I had already done.

I have started and finished the second video having to look at many different html tags uses and familiarizing myself with many CSS and sass terms such "&." to refer to nested elements without having to refer as an individual object outside of the brackets of the parent element as it had to be done in CSS or the "@mixin" functions or "&#" to refer to an id.

It was quite interesting and as a fun fact I forgot to initialize the sass job in the terminal and had to look around for I'd say 15-20 minutes until I realized.

30.09.2023

I finished the third video where I've learned how to implement changes onto the html class dynamically using JavaScript. In this case the idea behind it all is to change the class of the element on click so the CSS format changes and adapts to that different class.

Also, I learned how to use the transformation different functions to relocate an element on the website (the menu button)

03.10.2023

I've been working on how the menu overlay works and playing with different transitions for the elements deciding finally on leaving a gradual appearing transition for each nav-items and the branding picture modifying the opacity property once the show class is added.

05.10.2023

I've finished the fourth video.

I've adapted the layout of the menu for different screen sizes having adapted the code structure to my preferences.

I faced some problems while changing the transition of the branding and navigation classes due to the nested structure of the _menu file I coded but I was able to fix it in the end.

I also added the coloring of the menu links on hovering.

[06.10.2023](#)

Added work page and included the images of each project apart from their description.
Also added the projects class grid properties to be correctly sized in each mobile size.
Included transformation of the project element on hover to stand out.
Learned how to style the buttons using classes (dark and light)

[08.10.2023](#)

Created contact page following video instructions.
Played a little with the styling options changing the colors of the background and text.

[09.10.2023](#)

Improved the responsiveness of the contact page and changed the padding transition to scale. There were problems with the color and growing transition due to stopping when the blocks shrunk, a loop was created because the when the block shrunk further than where the pointer was, it stopped and grown again until touching the pointer again.
I decided to make the transition to scale up instead.
Added the configuration of the publish action.

[10.10.2023](#)

Worked again on the contact page to add a message of copied and added the text to clipboard.

[11.10.2023](#)

Created a border filling animation using keyframes on hover of the about me page grid elements.
I had in mind to improve the visuals of it and after looking at keyframes information finally got it to work.
Had to break down each side filling (left, top and right) making the bottom static.

[12.10.2023](#)

Worked on improving the background image load time. I finally used a compressed webp image which is an extension focused on web loading images.

[23.11.2023](#)

Updated node to latest and changed sass dependencies since node-sass doesn't work anymore.
Updated the information displayed to be partially real. I left my work projects with testing references instead of real ones.
Added README instructions and updated learning diary.