

Lappeenranta teknillinen yliopisto
LUT School Of Engineering Science

Software Development Skills Front-End, Online course

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LEARNING DIARY, <Front-End> MODULE

Date:13.05.2025

Activity: Choosing the editor

Learning outcome: I chosen VSCode as editor for this course, due I can use it efficiently and I'm familiar with it.

Date : 14.05.2025

Activity: Lecture video of "Introduction and Base HTML" from 0 until 19:20

Learning outcome: In this part I learned the basics of the assignment project, how it is going to be look like. Moreover, the new issue for me was how add fonts linked with your files and how to link icons with your project. Writing html is new issue for me so it sounded pretty straightforward and on Vscode if you press for example "a." and then space you get elements fast for your code. Moreover, I learned how add an initial logo on window bar and listing page part headings (Home, About us etc.). I followed the video step by step and completed the same code.

Date : 15.05.2025

Activity : Links and Core CSS 19:20 until 31:00

Learning outcome: At this part, I learned how to generate nav bar on the top on the page. Moreover, I figured out how to add color and font styles to these. Also, it became clear that what you have to write in order to have spaces between the headings that those are not just “stack”. CSS was new to me but sounded pretty straightforward. I followed the video step by step and completed the same code.

Date : 16.05.2025

Activity: Buttons & Utility Classes 31:00 until 56:00

Learning outcome: This part was requiring a lot of attention as it included deeper knowledge related to buttons and utility classes. I learned how those buttons work and how change those color elements, icons et cetera. Moreover, it was interesting find out how to add spacing between them and text sizes et cetera. Additionally, interesting part was figure out how to add those picture elements to website and add “advertisement” texts. I don’t have so accurate eyes so for me those “final adjustments” of texts and fonts felt unnecessary. But least I know how to do it. I followed the video step by step and done the tasks as the guy did on the video.

Date : 16.05.2025

Activity: CSS Grid & Cards 56:00 until 1:12:00

Learning outcome: At this part how, I learned how put the main content on the site which was in project mostly pricing cards and those “recommendation advertisements” from business owners as a cards. Now at least I could write very efficiently those classes because now I understand the logic. It was quite straightforward to generate those cards but it was annoying on video that the guy was copying some cards because he does not want to write.

Date : 17.05.2025

Activity: FAQ elements 1:12:20 until 1:47:00

Leaning outcome: Now I could list FAQ sections on the website, however listing the content was not big issue, it was repetition. But the most difficult part was writing

JavaScript and getting reactiveness plus/minus to work. However, when I looked at the code again and again, I figured example code again, I found few writing typos. Moreover, I could efficiently generate classes and dive the contents, generate tags. The styling issues are still fell unnecessary for me because I cannot see difference between 10px and 15px... I followed the video step by step and generated my code according to video. Later on I figured out that my plus and minus buttons FAQ section are not working but the problem was due to one extra “</div> “.

Date : 18.05.2025

Activity: Mobile Menu & Responsiveness 1:47:00 until 2:12:30

Learning outcome: Now I learned a lot of issues related to finalizing the web site structure and how it looks in different screen. Now I understand the logic behind the javascript however it is still complicated. Moreover, the media queries were quite an interesting concept and something new for me. Also making navbar button reactive was quite interesting but again I had first problems that it does not react due to wrong “naming”. I followed the video step by step and completed my code according to video.

Date:18.05.2025

Activity: Website Deployment

Learning outcome: I did not realize how easy it is put your project on the server and you need just hosting and that's it. Additionally, GitHub was repletion for another courses.

Date:18.05.2025/19.05.2025

Activity: Doing the project

Learning outcomes: Now I utilized the skills what I learned during the assignments. I generated my project from luxury perspective as I own one company. I tried to keep similar style but changed the fonts being more luxurious. Adding my own content to the size. Additionally, I fixed “+” icons FAQs as those were overlapping. Moreover, I found out the way how to do slide show and I generated contact form. This was a chance to realize that I have really learned something. However, many concepts are still quite difficult so the repetition is needed.