

Lappeenranta teknillinen yliopisto  
School of Business and Management

Software Development Skills Front-End, Online course

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## **1 LEARNING DIARY**

08.11.2023

I reviewed the course overview. I picked the frontend module because it seemed like the most interesting project. I attempted to configure my development environment, and I decided to choose VS code editor. I watched the tutorial on how to set up a git repository, but mostly it was just refreshing my memory. I successfully established a git repository and executed my first commit for the project. I started to watch the first part of the example project to understand the technologies better.

While watching the first module I have learnt what is sass and how to use it. I have already known what responsive design looks like, so it wasn't new to me to know that webpage should be visible in different ways on laptops and mobile devices.

09.11.2023

Today's plan was to learn how to create the homepage HTML markup. I watched the video tutorial about variables, nesting and more. But also I tried to find another tutorials to find out how the homepage website might look like. After that, I had an idea on the design of my own homepage.

For the logo and other pictures I used images from freepik.com. I managed to create a homepage, but I struggled with responsive menu on mobile devices. Clicking on it wasn't working. I asked for help on Stackoverflow.

09.11.2023

Somebody on Stackoverflow suggested that I was missing the code to 'capture the click' and then 'open the menu'. I learned that this type of menu is called a "hamburger menu".

With a little help from ChatGPT, I finally added some JavaScript code, and now the menu is working. Also, I found some interesting price list design (<https://codepen.io/darkosxrc/pen/QqmKxy>) and I used it in my code, changing it a little bit.

In conclusion, I created homepage with navigation menu and also pages: About, Offer and Contact.

I often needed to use @media in order to make my website look reasonable on mobile devices, sometimes I had to google for different settings, but I managed to finish my website.