

Lappeenrannan teknillinen yliopisto  
School of Business and Management

Software Development Skills

**Joel Ketolainen, 0561607**

**LEARNING DIARY, FRONT END MODULE**

## **LEARNING DIARY**

**4.11.2021**

I read through the general information and understood how the course is to be completed. I setup the required environments as instructed (I already had Git and VSC setup). I then moved on to the first task (part 1), watched the video and coded along. The video was about how to setup the “workstation” before starting the project. I managed to setup the repository and got it working just like in the video. Moving forward I will probably be completing one part per week from the module task list. At the moment that seems like a good pace to get everything done by the end of the period.

**9.11.2021**

I moved on to the second part called “Homepage and Core Sass/CSS”. In this part I learned a bit more about html but mainly about CSS. I learned about how to move things around inside the webpage and how to refer to the html code of the project from the scss-file. I also learned how to insert images into the website and how to set them to be on the background instead of covering the whole page.

**15.11.2021**

Today I completed the “Rotating Menu Button” part. In this part of the course, I learned how to create a menu button and how to add onclick transitions and effects to it. It was very interesting to see how the menu icon could be transformed into an x-symbol in just a few transitions. I also learned the required JavaScript to make the menu button work.

**22.11.2021**

This time, I did the “Menu overlay & Responsiveness” part of the course. This part focused on building the overlay for the menu and making the site more readable on different sized screens. Making the menu overlay was simple and mainly used the same techniques that I had already learned earlier on the course. The responsiveness of the site was done using different queries for different screen sizes. It is quite interesting how the changes on the website take place in real time as you resize the browser.

**25.11.2021**

Part 5 was about CSS grids. I learned how to use grid-template-areas to create grids inside the webpage. It seems like a very handy tool to setup the layout of things on the site. I used the grid-template-areas to create the “about” page. I also did the set color function which changes the primary color to white or black depending on the other colors (so that the page is readable and not white on white).

**29.11.2021**

In part 6 I learned about Flexbox and how it can be used to easily make responsive boxes on a website. It seems very handy and easy to use. I also learned a bit more about CSS grids. With today’s session the course exercises are complete. The last part is about deploying the finished website, but I will only be doing that with my own project (I hope that is fine).

**13.12.2021**

Today I started working on the project. I started by copying the course work that I had done and using that as a base for the project. First, I made multiple visual changes (changing colors and images). I left most of the text as filler text. This is because I don’t think filling the pages with trivial information about myself is relevant to the project itself. Next, I changed the way the rotating menu button works. I made it so that instead of transforming to a cross the menu button transforms into a triangle. After this I watched the basic parallax tutorial which was linked on the Moodle page. In this tutorial I learned how to create a parallax style website and used that knowledge to create another page onto the website which could showcase more projects. I also made it so that the other pages also have a background image.

**14.11.2021**

I watched the final part of the course “Website Deployment” and learned how to deploy the site through GitHub pages. Unfortunately, it didn’t work for me and I ended up following GitHub’s own tutorial instead. The method in the video might be outdated or maybe I just failed to follow the instructions. In any case, I managed to deploy the site and it can be found here <https://ruinedscape.github.io/>. Today I also made the final repository and added all the necessary files to it. Overall, the course was fun and not too time consuming. I liked the fact that there was some amount of creativity involved when creating your own project.