Lappeenrannan teknillinen yliopisto

School of Software Engineering

Sofware Development Skills

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LEARNING DIARY, <Software Development Skills: Front-end> MODULE

**01/04/2022**

Today, I learned how to start up the first Frontend project. For the first lecture, I got to know that the purpose of this course is to develop my project and learn about HTML and CSS. In this lecture, I tried to make my environment, but because of the version, I struggled hard time. Also, I learned about the components of CSS and NPM package and use it.

**04/04/2022**

In the second lecture, I created pure CSS menu button successfully. I learned how to add the JavaScript code into the whole code and try to handle the rotating. I got to know the way to use CSS transitions to rotate the button into a X. I faced several error messages while programming, but after that, I could be able to continue the work.

**06/04/2022**

I learned the core elements of creating menu, and develop the project. I learned about adding media query, branding, and navigation to the site. I faced errors of navigation at that time. Finally, I found that I need square brackets. While handling the unexpected errors, I found that debugging is a necessary part of coding. After that, I continued to watch the forth part till the end.

**08/04/2022**

Today, I learned about CSS Grid and it is a type of creating page. I learned that I can also add grid template areas to map out the layout. I also found that I can add styling and make the page responsive. I tried to make other examples using CSS grid, and it was helpful to develop the skills of CSS.

**10/04/2022**

I got to know the reason of using Flexbox and practice basic codes. While learning it, I also practiced the properties of both layouts. For the final video which is ‘Website Development’, I deployed a website with Github pages.

**Building Front-end Website**

**1. Features**

1) Enter the website and click the ‘Generate’ button.

2) It automatically scrolls down and shows the changing images.

3) There will be a message: ‘Generating’

4) There will be a message: ‘Generating this’

5) Have a svg from the image

