Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, Front end course MODULE

**LEARNING DIARY**

10.9.2018  
  
I started this course with very basic knowledge of css and html but almost nothing in javascript or npm. I decided to use the VSCode as it was already the environment I was using for my python project. It has a simple interface and I am already familiar with it. I imported the sass, npm ,node and git modules and learned the basic codes used for these languages and creating a basic frontend project. Everything was pretty straightforward.

11.9.2018

I started the second video and realized the big difference between coding directly in html and coding with sass. The little training I had beforehand (just creating a basic html pages) I was used to doing everything on the same page with both styling and html. Sass makes it a lot easier to read and write code. Most of the future videos were mainly properly understanding the sass coding that give html element their style. I found it enjoyable to be able to see my code directly change the html visually. This is why I html seems a lot easier then other language like python of C+.

11.9.2018

I learned how to make elements set either by flexbox or grid. This made me grasp with the biggest difficulty in html is how to place element depending on other elements. For example trying to put two elements in the same place seems very difficult without putting an element position as absolute which can create issues on its own.

11.9.2018

Learning the javascript way to make an element appear or disappear. I now understand how websites are able to create complex action within their website without changing the page they are in. It also felt like a lot more things were now attainable to me. I also learned about pseudo selector which seemed like a logical way to change element under specific more simple event than what javascript would require. It also usefull to select element more quickly such as with the nth-child pseudo selector.

11.9.2018

After learning about placing elements and simple javascript to create events I learned about how to make actions responsive. The importance ones has to put on simple action to make the action ergonomic and nice look at. I understand that creating a simple framework might be somewhat easy, making each element responsive and pleasant is difficult, even more to create a global feel.

11.9.2018

After learning about flexbox and grid in a seperate lesson , I am now seeing it on this video tutorial with a very concrete example. The use of rem,vh and fr felt very useful to take into account changes in sizes of a screen.

11.9.2018

I used the last video to learn how to deploy my file. Having seen a lot of github project on my own it was fascinating on how simple it is to do. Deploy the website on a global http link also revealed to not be that expensive even for pretty thought after domain extension. The fact I could deploy a website for an euro a year was very strange.

11.9.2018

After doing the course given to me I decided to try to create my own website using the same concept seen in the video but done from scratch. The first thing I wanted to do was the navbar appear and dissapearing. I felt it would be better to have a more simple navigation bar on the top of the website and I also didn’t like that the menu followed when scrolled down so I wanted it to stay on the top. Then I tried to make a unique animation for the one thing I kept from the tutorial : the icon of 3 bars. It asked a lot of retries to finally make a simple animation but I think it looks acceptable. I also used the same javascript to show the navbar because I felt it was pretty impressive although it might not be very practical for this type of navbar.

11.9.2018

When I started the manga page I wanted a page that showed every single manga cover that when hover on would give a review or summary on the image. The problem with that is that I knew that overlapping element is difficult. I took a lot of time finding a way to overlay them and at the end the solution was to set the background as an image and scale each image to a same size. The second problem arose when I tried to add text at the end of the element to indicate the title. The text that was suppose when hovered changed the position of the title depending on the length of the text. The solution was when not hovered the text (given as a to link to the manga page) would be absolute as to not move the title and when hovered become relative and give a margin that is equivalent to the title size. I then gave a 0,5 opacity to the a to keep the cover image visible while keeping the text clearly visible.

11.9.2018

After finishing the manga panel I worked on the Anime page using the flex box property, I tried to handle so that If I wanted to had new boxes it wouldn’t hurt the form of the other elements. I used a flewwrap wrap to do so. I then styled each element and gave hover and links to each images.

11.9.2018

The contact page was too dificult I just used a flexbox property and evenly space each element to make them centered and with equivalent margin.After giving a bit more responsiveness I then decided to improve the rest of the document. I gave the ‘a ‘element property to bring on a new tab.

11.9.2018

Continued to improve the document by adding more responsiveness, creating a sub navbar, I also added a faded background;

11.9.2018

I finally exported the final project.

To conclude this diary I really enjoyed this project and I’ll probably continue with front-end projects although I would probably start on a blank slate both for training and to improve my poor code etiquette present in the sass file. I feel I have learned the basics of sass,html and css to create a simple website.

https://www.youtube.com/watch?v=00fKGrYtodQ