Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

Marcel Pflugfelder, 0577219

LEARNING DIARY, SDS: Front-end

**LEARNING DIARY**

10.02.2020 – Chapter 1  
  
First I checked what to do in the project and watched the video to the first of the 7 tasks, I will call them chapters. Since I know Java a bit, but never programmed something in HTML, JS or SCSS I will try to code according to the videos to learn about all the features of HTML and sass.  
I decided to use VS Code as my environment according to the video and also to a recommendation from a software developer I know.

I installed the features for VS Code, node,js and also git to commit my work.

I learned about Sass. It’s an addition to CSS, e.g. it adds variables like the $background-color in the video.

My webpage I will build will be about my favorite football club back home.

18.2.2020 – Chapter 2

According to the video, I created the elements I need. The button for the menu, the menu points and the texts. As well I included the icons, to link later the social media pages. I learned to “play” with the texts, Font size, color, heights, spaces. There is unit of “rem” and “vh”. Also, what the z axe is in html.

With the introduction of mixins, I added the transition to the icons which looks quite good. Later in the video there was a config file created, which I also did, because I think it is necessary for a good overview over the project. I know the control-view-model strategy for projects, so I see parallels here.

Here I made the first commit and connected it to my GitHub Account. I figured that out by googling and watching a video how to make git commits in VS Code

22.2.2020 – Chapter 3

Now it’s about the menu and it’s button. According to the video I created the menu file (good again for the overview in my opinion) and copied it for the first instance so I have at least the button with the 3 lines. Now JavaScript is introduced.

It is used to perform the changes from the menu classes to the show and close classes. Also, I copied the variables (constants) to learn about the menu button and change it later. Luckily, I know the EventListener Objects from Java so it’s easy to figure that out and know how it works. I tried to make the rotation similar to the video because I really like the rotating action and added the yellow color, which you will see later or when you open menu, is part of emblem of the club

23.2.2020 – Chapter 4

In this part the video lessen focuses on the menu and so do I. My goal is also to make 2 parts of the menu, the left one with the emblem of the club and a picture of the trainer (but I won’t make the pictures round but squared), on the right site the nav links I already created before. Therefore, I will use the commands taught in the video lesson especially the new introduced translate function in SCSS to create some effects, so the menu is less boring. Also, I adapted the styling here. I will change styles later after the front-end itself works watching the attached videos.

So, I learned to make some “fly in the picture” effects with the translate3d feature.

24.2.2020 – Chapter 5

Today’s goal is the scoresheet page which is replacing the about me page but is based on the grid design which is introduced in the video. I know some of the grid design from my java course back home. Some personal style shall be in the document by a hover effect when I click on the names of the introduced opponents.

That was a tough one in first place, but with asking my cousin and some research on the internet I found out how to make a hover in the boxes for the opponents. When you go over the box the box is growing a bit and showing the emblem of the team, the trick here is to play with the width of the picture.

25.2.2020 – The Table (iframe)

Now I start to create a table the video lesson doesn’t help me for.

The stuff I made before was static, but I wanted to link the always up-to-date table. Accordingly, I googled a bit how I can load an extern webpage into mine and found the solution for that: iFrame. I watched some videos, read about it on w3schools and google some other information to make it responsive. Therefore, a container div is used as you can see in the code. With the iframe I could load the current table of the second light right from the official homepage of VfB Stuttgart, the club this webpage project is about.

26.2.2020

According to the video I uploaded everything to my github and started the deployment of the webpage. I used the command lines in VS code like I was told in the video to finish the project. I also went though the pages and searched for some issues or failures I did not recognize in first place, or I know now to do better after watching the videos recommended in the moodle course.

25.3.2020

After some holidays and other projects, I decided to have a final look with a clear and fresh view. I was not that confident with the pictures and the texts for small screens, so I googled again to make these things more responsive. On stackoverflow I found other ways for responsive implementations and tried these. Now I think I solved it better and the texts and pictures are more responsive.

In conclusion, I can tell I learned a lot of things in HTML and css. In my opinion a learning by doing course for programming is recommendable since you learn to code better by doing than by reading. With the videos the work was more or less split in different tasks and so, I can move on from one step to another. With the help of YouTube and google you can easily find other things to implement when you have things in mind, but nevertheless the videos are a good skeleton for the work.

<https://github.com/Marcel-LUT/Portfolio_LUT>

<https://marcel-lut.github.io/Portfolio_LUT/>