Lappeenrannan teknillinen yliopisto

School of Business and Management

Anytime-course: Software Development Skills: Front-End 2020-21

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LEARNING DIARY, Front-End 2020-21 MODULE

**LEARNING DIARY**

08.03.2021

General browsing of the Moodle and looking through the information. Downloaded the coursebook and signed in to Echo360 service to see the extra material. Started reading the HTML book and quickly checked the YouTube material. I had watched some other videos from Traversy Media previously.

10.03.2021  
  
I checked the general information and understood the focus of the course and what to do. I chose to use VS Code as an editor because I am already familiar with it. I have an account in GitHub and opened a new public repository and made my first commit. [<https://n0gear.github.com/lut_frontend>]. I am following series and building same website for myself.

Took and opportunity at work to read some more of the HTML book.

14.03.2021

Watched through part two of the YouTube series and HTML, part 2 from Echo portal. Also read some more of the HTML book. Downloaded some image material from Brads GitHub and copied it under my practice project.

Read a Sass tutorial from w3schools.com

24.03.2021

Reiterating from the video once again to catch up what was forgotten and started going through video 2. Took a while to find the command to start the SASS.

npm run sass

27.03.2021

Finished viewing video 2.

05.04.2021

Continued to follow tutorial and build a site along through halfway of video 4. For some reason when running site and accessing it with windows browser some of the images won’t show. Seems that it cannot access the wsl images folder I think.

After some digging I found out that img-folder was created into wrong place. Moved it inside dist-folder and now everything works as it should.

06.04.2021

Finished video 4.

10.04 – 12.04.2021

Have been reading the HTML book and familiarizing myself with basic concepts of THML and CSS.

13.04.2021

Finished going through YouTube Video 5. Also watched Lecture 1 through to Lecture 3 from Echo360 service.

14.04.2021

Familiarized myself with MaterializeCSS. I think I will use this and Sass to make my project.

15.04.2021

Continued reading the HTML book.

16.04.2021

Finished the Video 6 of YouTube-series and started following the last video where we deploy the website. Followed the video and published the app to Github Pages successfully. Now I think is the time to start planning for my own app.

17.04.2021

Starting my own project. I have decided to also use Materializecss to help me build a decent looking site. I am not 100% how I am going to structure this project or where. Guide in the moodle says that I should make an extra folder where I would build my pages. At least in a Git repo, but surely I can’t make a new project and push that into a separate folder. Also I am not sure how does the build process work if my html and js files are not in dist-folder, but in new coursework-folder. I think I need to ponder this a bit! I am going to watch the first and last videos again and see if I can modify some settings.

I got the project working in s new directory. Decided for scss to use the same folder and mark new files beginning with coursework\_. On my index.html I am linking stylesheet to css/coursework\_main.css. Package.json file’s sass script I changed to node-sass -w scss/ -o coursework/css/ --recursive. This way everything now seems to point to right directions and the build can commence and the next thing to figure out is the installation of the materialize. Should I npm it or just use CDN.

With CDN it was very easy to get it working, but then I wanted to change the primary color and it seemed for that the SASS was better choice with variables. Copied the relevant files to correct folders and now I have huge variety of options to choose from.

18.04.2021

Started the session by drafting the look of the site on paper. Going to keep it as simple as possible. Pondering if I should leave out the whole nav-section. I have no logos because I’m not a company and perhaps just starting with the hero section would be better solution here.

Continued the build by adding ionicons to head section. From there I added Github icons to my Card sections. Also did some SCSS Variables changes to change $primarycolor backgrounds to Card titles and a background css to my new heading before Cards.

Added a Hero-section of sorts with a square image in its own box with a same background.

Started working with Footer as well. Made it sticky and I will probably keep it very simple.

Was going to do todays first push to git repo, but received an git status error. Some files are corrupt and some are empty. Not sure what to do. I am going to try and make a backup of everything at this point.

~/projects/lut\_frontend$ git status

error: object file .git/objects/bd/68aa97b52fb74c6f456ebd9174aa9e672fcf42 is empty

error: object file .git/objects/bd/68aa97b52fb74c6f456ebd9174aa9e672fcf42 is empty

error: object file .git/objects/bd/68aa97b52fb74c6f456ebd9174aa9e672fcf42 is empty

fatal: loose object bd68aa97b52fb74c6f456ebd9174aa9e672fcf42 (stored in .git/objects/bd/68aa97b52fb74c6f456ebd9174aa9e672fcf42) is corrupt

19.04.2021

Managed to get the error sorted. I had to delete some Git conf files as HEAD to get this working. Found similar problem from stackexchange. Pushed recent changes to repo successfully.

20.04.2021

Read some more of HTML book and watched some youtube videos relating to web development. Also found two good podcasts called Syntax and CSS-tricks I think they were called.

22.04.2021

Added pictures to Project cards. Started thinking that maybe perhaps I should use Nav bar after all and make own page to Projects. They could be on a same page but I could link with #xxx, so it would open in a correct place when each project is clicked.

Did some changes to footer and Github logo in footer.

23.04.2021

Made a new projects.html page where I will add 3 sample projects.

28.04.2021

Making my final finishing touches. I am going to add some javascript to this site and utilize a modal. Found an example from codepen.io and see if that fits with a bit of modifying.

29.04.2021

Still some issues with getting all the modals to work. Using Modal just doen not work like I hoped. I will continue with plan 1, which is to use separate projects-page.

Projects page done. Each project card has a new button that open up in projects page and is targeted with an id.

Getting ready to screen capture a video of how the site works.