LUT University

Software Development Skills

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LEARNING DIARY, FRONT-END MODULE

**LEARNING DIARY**

I started to complete this course in January and my goal was to complete the course before 3rd period would start. I started the course by going through the module tasks and watching the front-end video series linked in the moodle page.

I have to bring up right at the start that in my opinion this course had by far the best introduction to version control and Git. I think that our educational program has a lack of proper introduction and education of Git and version control. It is not that this course had somewhat better teaching about the subject, but it was kind of a mandatory to use time to learn how to use Git. There was also good material linked. Many course just gives a little side note about Git but it really needs a wider understanding to learn Git.

After I had learned to use Git and version control, I started to go through the material and I developed my own Portfolio same time as I watched the tutorial videos.

The first part was a good introduction to how CSS and html works when developing with SCSS and how to bind these together. The environment setup was clear and I quickly understood how to start a front-end project.

Second part was a good start for HTML and styling with SCSS and CSS. I learned many new things about HTML and many things which I had seen many times before, I now started to really understand what they do and what they mean. Basic understanding of styling an element was also learned from the second part.

Parts three and four were really comprehensive about the menu and how the menu is implemented. In my opinion the menu function is trending and after all it wasn’t so hard to create. There was also a bit of JavaScript which was nice. I personally would have wanted a little more JavaScript in the course.

Parts five and six went through grid view and flexbox. These were quite simple to learn and good tools to use in front-end implementation.

Part seven was about how the project is deployed using GitHub Pages and it was comprehensive. I had some troubles with different directories to mess up the deploy, but I got the problems solved on my own.

I had a good idea about the project. I wanted to make a website that would suggest either videogames, tv-series or movies to the user. I wanted to make categorization that user could choose category for example like ‘trending right now’ or ‘timeless classics’, but in the lack of time and other courses putting pressure on my shoulders I had to make the site a bit more simplified. I ended up choosing tv-series, since there is so many different streaming services and tv-series it seemed an easy subject to implement.

The menu was basically copied from the Portfolio exercise and it was satisfying enough for this project. I used flexbox in the main page in the stream service links. In my opinion the stream service links ended up quite fancy since I wanted to use real logos.

I had an idea to create same kind of swipers for the series page as in Netflix. As there can be seen I have one swiper, which contains the most trending series right now, but my original goal was to create a grid which contains multiple swipers, although again I found myself in a lack of time and too stressed with all other courses to find time to learn how to get multiple swipers to work together, since it was not that straightforward to do. I ended up creating one swiper and a grid view to show all other series. I am satisfied with the outcome of this. I used a lot of help from internet mainly from Stackoverflow, chatGPT and different kind of tutorial websites and videos, but regarding this I haven’t copy pasted any code.

In my opinion there could be a lot of improvements to be made but overall I am satisfied how the project ended up and even the responsiveness is working well enough.

In conclusion I liked this course, it gave very free hands and free environment to develop with own preferences and ideas. My only problem was time usage, because I didn’t complete the course before 3rd period, which was my goal and therefore I had some scheduling issues that ate some of my endurance with the course.