Lappeenrannan teknillinen yliopisto

Sofware Development Skills

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LEARNING DIARY, Software Development Skills: Mobile MODULE

**LEARNING DIARY**

14.4.2022

Checked the general information on the moodle page, downloaded android studio. Also did some research to remember the basics of GIT that I already used before for other projects and set up my repository.

I had to install java and java SDK that I haven’t use since changing computer 3 years ago.

Created my first project and familiaze myself with the IDE that is really similar to PyCharm that I use a lot.

20.4.2022

Followed the tutorial and understood how to add TextEdit, a button and a textview to an app.

Created a virtual device to be able to test the app. I add an error at first while launching the virtual device and after some research the problem was just that I didn’t have enough space on my disk.

Learned how to get access to the items in the app like a button or TextEdit and how to add an action to a button with a onClickListener.

Understood how to use the debugger to see the value of each variable and find precisely where is the error in the code.

Added the learning diary and this first android app to the GitHub.

02.05.2022

Understood the meaning of the core elements to android development.

I created my second app following the second tutorial, that is composed of two buttons: one to launch another activity and one to open a browser and go to an URL.

I am starting to get familiar with how to position widgets on the screen, find the widgets in the activity with findViewById and with how to connect buttons to actions.

I discovered how to use intent to launch other activities or app and pass information to those other activities. Also, I learned how to check that there is an app or activity that can answer the intent on the phone before executing it.

Finally, I added this second app to my GitHub.

**EXAMPLE STYLE 2**

10.9.2018

I learned about,

version control, but mostly it was just refreshing my memory. What I learned was…

how to develop as a becoming software professional. I find <something> interesting, because…

how to set up Atom environment with addons. There was one problem that took me a lot of time to solve. The problem was about …

Etc.

**EXAMPLE STYLE 3**

Freeform.

Something else, but reasonable. You must document what you have done, learned and when this have happened.