Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, Mobile MODULE

**LEARNING DIARY**

**Introduction to the course**

22.1.2022  
  
I checked the general information and understood the main focus of the course, which is to find my skills as a software developer and to create a unique project to represent my skills. I chose mobile module because it was the most interesting project offered for me.

23.1.2022

I have chosen Android studio as my code editor for this course, because it best suits this project that will be done for android. I started to watch the first tutorial which is linked in the course and did the exercises in there. I learned how to setup an Android project in android studio and I learned how to make a simple app and run and debug it. I didn’t run into any problems.

24.1.2022

I watched the second tutorial and I did exercises in that tutorial. I learned core elements to android development.

25.1.2022

I watched the second tutorial again and I did exercises in that tutorial. I learned what are Activities, Intents, IntentServices and BroadcastReceivers. I didnt have any problems with them.

31.1.2022

I watched the third tutorial and I did exercises in that tutorial. I learned what are ListView and ImageView. I also looked up that RecyclerView is the modern version of ListView so I watched a tutorial on that

1.2.2022

I watched a tutorial for a android project which shows the weather forecast. It uses for example RecyclerView, TextView and ImageView and it gets data from weatherapi.com (JSON) and it shows the 24h weather forecast of any city which you search for.

2.2.2022

I watched a tutorial for an android project which shows the weather forecast. It uses RecyclerView and it gets data from weatherapi (JSON) and it shows the 24h weather forecast of any city which you search for. I learned a lot more of how to use different components like RecyclerView, ImageView, TextView, EditText and buttons. I pretty much watched the video and then I coded the same things by myself. I did not copy and paste any code. The end result did not work at first but I got it to work from debugging and looking up errors on stackoverflow. The application has just one view.

3.2.2022

I finished the weather forecast application project. I learned a lot in that project. I downloaded it to Google Play. I learned to add Icons, use the keytool for signing the app and many more things.

4.2.2022

I watched a tutorial for an android project which shows news. The news come from newsapi.com. This application is probably the project that I am going to use in this course. It has multiple views and uses RecyclerView, TextView, Buttons, and many more things.

5.2.2022

I watched a tutorial for an android project which shows news. I finished the application and it worked well.

6.2.2022-28.2.2022

I have done a few mini projects in Android Studio but I finally decided to return the news application for this course because it is maybe the best one that I have done. I learned a lot from this course and many other tutorials. This course helped me to kickstart my learning development.