

Lappeenrannan teknillinen yliopisto
School of Business and Management

Software Development Skills

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LEARNING DIARY, Software Development Skills: Mobile 2022-23

LEARNING DIARY

Part 1: Introduction

11.1.2023

Android Studio is little bit familiar to me, so the beginning of the video lecture was pretty much reminding me of things in Android Studio. I learned again how to start a project in Android Studio because I had forgotten it. Also, I tried to download the oracle java sdk, but I did not manage to get it because it demanded signing in and a company name etc. so I did not have these things. I learned that res folder is for resources. I learned more about texts and buttons in Android Studio and how to set them. How to change the text size. I learned about making the button active so that you can press it. R means resource object. I learned about debugging the app and debugging actions as step over, into and out.

Part 2: Core elements

12.1.2023

I learned about,

what activity, intent, intent service and broadcast receivers mean in Android development. I was reminded that it eases the work so much if you use auto import. I learned how to make more activities ("screens") in the app. I learned about, how to pass info between activities and how to find your package name, because that was first a problem. I also learned how to launch activity outside of app. I had some issues with the button which goes outside of app to google but I got it working by not doing the if statement. Activity means area usually screen which displays something. Command onCreate() is used as a first method when activity is loaded and findViewById() is used to locate resources in activity.

Part 3: Lists, Layouts and Images

13.1.2023

I learned about,

List view and how to make one. How to make a new class in java so you can make the list appear. How to make list elements as price, item and description. How to add images to the app and how to show them.

16.1.2023

I had a problem with text lines on my notes action but I managed to show the lines by editing the input type to `textMultiLine`. I learned to change button colors and tool bar color. I watched a video how to add android project to GitHub so I managed to get it there with token because my computer did not want to login to GitHub.