

Lappeenranta teknillinen yliopisto
School of Business and Management

Anytime-course: Software Development Skills: Mobile 2021-22

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LEARNING DIARY, “Mobile 2021-22” MODULE

CT70A9120 Software Development Skills: Mobile

LEARNING DIARY

25.1.2022

I went through the course overview, general course information and environment setup and understood the objectives and its coverage. I installed android studio and I am using Android Studio for project creation and working.

I checked the **Part 1: Introduction** video and learned how to create my first android application project in android studio. The project file activity_main.xml shows the design of our android application. It has a palette from which we can select basic textboxes, buttons, textviews, etc. After those palettes were added to our design I edited it's personal id, inputType attributes to our use. I learned to run the project in an emulator and also tried debugging the MainActivity.java code with the use of breakpoint.

17.5.2022

From **Part 2: Core Elements** video, I created another project in android studio showing the communication between two activities. I created a two button main app of which one button on click led to the next activity page where I displayed a simple “Hello World” text. I used the findViewById() function to locate the resource in the project activity. Then used Intent to perform the requested action. getIntent() to get the passed Intent to an Activity. putExtra() to pass data as a key-value pair. startActivity() to launch another Activity.

20.5.2022

From **Part 3: Lists, Layouts, and Images** video, I learned to make use of ListView palette and view the string resources in a list. I added three strings on the list on which when click would take me to the new activity that showed the binded image folder. In this exercise, also learn how to scale the large image to a small suitable image for the app so that the app doesn't lag.