Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, OWN PROJECT

**LEARNING DIARY**

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In my own project, I decided to practice creating ListView which we did in exercise 3. I tried to do it on my own, but if I didn’t remember something or things didn’t work, I had to look back at the earlier materials for help.

Then I added a button for a Toast popup message. The code for the toast was fairly simple. You basically just make a Toast object with the required parameters (context, text, duration) and then call the show() method of Toast and that’s it.

After that I decided to find out how to make a switch for night/day theme. I found some online resources including a youtube video that helped me with this. This was also surprisingly simple at its basic level: with a checked change you call AppCompatDelegate.*setDefaultNightMode*(AppCompatDelegate.*MODE\_NIGHT\_YES*)

and when you want day mode, you change to “YES” to “NO”.

Then I wanted to try out WebView. It was as simple as adding a WebView UI component to a layout, then calling loadUrl. It didn’t work for me at first, I got some errors. With a bit of googling I figured I had to add an INTERNET permission to my android manifest file, and reinstall the app. After that it started to work. It doesn’t work in a very polished way at the moment. The layout gets broken if you start typing stuff in the search bar. It also automatically opens chrome for the search results, which might not be wanted behavior. And the dark/night mode doesn’t impact the WebView content, which looks kinda weird. However this was just a quick test for me.