Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

Sepideh Soleimani, 001796096

LEARNING DIARY, Android mobile development MODULE

**LEARNING DIARY**

### 20.02.2024

I started the course and checked the requirements, tasks, and applications needed to complete it. I understood the fundamentals. I chose Android Studio as my code editor and began installing it by following online guides. I encountered troubles during installation, so I uninstalled and reinstalled it.

### 22.02.2024

I studied the first part of the course content and watched the tutorial video to start making an app. Following the video, I launched "My First App," a simple calculator that performs addition. I learned how to work in the Android Studio environment, implement Java code, and test it on a virtual device. I also learned how to run and debug code. However, the tutorials on YouTube were outdated, so I searched for more recent resources.

### 15.05.2024

I resumed the course and reviewed the first part of the content. I started watching the tutorial videos again to refresh my knowledge.

### 17.05.2024

After reviewing the first part of the tutorials, I proceeded to the next sections. Although I did not complete any challenges in this part, I finished the tutorials and gained a clear understanding of the next steps. I got an idea of building TicTacToe App.

### 22.05.2024

I started building my own project. I began with the styles of TicTacToe main page and game page and created activity\_game.xml and activity\_main.xml.

### 23.05.2024

I added my project to my TicTacToe-App repository on GitHub and made my first commits. I started developing the logic for my project. I encountered some problems and watched additional tutorials and conducted searches for solutions.

### 24.05.2024

I completed the logic part of my code. I could run my app, but the 'Start Game' button did not navigate to the game page. After troubleshooting, I discovered that I had forgotten to add GameActivity in the AndroidManifest.xml file. I committed all changes and pushed them to GitHub.

### 27.05.2024

I updated the README section on GitHub, added screenshots of my app, and uploaded a video demonstration on YouTube. Here is the link:

<https://www.youtube.com/watch?v=dNkmcr8bxA8>

If there is any need to add or remove an option or functionality, please let me know.