Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, MOBILE MODULE

**LEARNING DIARY**

4.9.2023

I checked all the information available in Moodle to get a better understanding about the course. I downloaded everything that I needed and started brainstorming, trying to come up with an idea to create an interesting mobile app project.

5.9.2023

I have started watching the tutorials to get a better understanding about the process of creating a mobile application.

I have also search for more resources on my own since this is my first time working on a mobile app.

I haven’t set up the GitHub repository yet because I prefer to start by doing small projects to better understand each of the tools I am using (Mainly android Studio) and because I haven’t decided in what subject do I want to focus to create my new app.

For now I have the following ideas:

* A ToDo list app
* A notes app (With colors to organize them)
* A retro pong game (Preferably, with an AI to play with or 2-users game play option)

8.9.2023

I have finished the first tutorial. It took me while since I had a few problems with the installation of devices to test the project.

Thanks to the first tutorial I learn:

* How to create an Android application project
* How to create and work with TextViews
* How to create and work with Buttons
* How to send information from the view to the back and process it
* How to give a value to a TextView based on a BackEnd operation
* How to align element relatives to the sides of the device

Next week, I plan to finish all tutorials and set up the GitHub repository. I prefer to be taking it step by step to make sure I fully understand the basics of what I am doing.

12.09.2023

Today, I finished the second tutorial:

* I learn what activities and Intents are and how do they work
* I learn how to change from one screen to another
* I learn how to create new activities and related them
* I learn how to try and access another app in the device, for example a browser
* I learn more about how to work with the different options to personalize the TextViews
* I learn how to change a TextView information depending of a value coming from the backEnd

I plan on keep learning slowly. I have finally decided to do a game for my final project. I was inclined to do either a retro pòng or a snakes game. I will decide it after watching the final tutorial.

Once I have finished them, I’ll set up the repository and I will start working seriously on the final project, though, I may need to ask a few questions to be sure that my approach is the right one.

15/09/2023

I have finished all tutorials. Beside watching them I have also search for more resources online to improve my learning.

Now that I have finished all exercises in the tutorials, I want to start searching for information regarding my project, though, I first want to make sure that my proposal is accepted.

I will also let the GitHub repository set today.