Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, Mobile

**LEARNING DIARY**

**Beginning**

8.3.2021  
  
I set up the required environment, including Java 8 and Android Studio. A repository was created for the project to GitHub. I followed along with part one and created a tabbed activity to build my project on. I planned it to have at least three tabs/sections and a special place to put the GitHub link.

9.3.2021

I added three tabs to the tabs section. An icon that’s supposed to be horizontally aligned with title text didn’t seem to align, so that has to be fixed later. I edit the values straight forward without assigning variables to them, to save time for now.

16.3.2021

I created three fragments and their layouts for the sections that I’m going to have. The main file gained a tab listener for my three tabs. The last thing I added was a switch case for fragment positions in SectionsPagerAdapter file.

**Advancing**

23.3.2021

The previously added switch case didn’t work, so I replaced it with the original method provided by Android Studio. The first page styling is finished with a label, background, and main content. Pages are able to be switched by either pressing the section or swiping the page.

30.3.2021

I am still figuring out how a scrollable list of books could be made, but it’s on the tip of my fingers. The main and home pages are finished. Home page has a form for a user and main page is supposed to show most popular book from a list.

**Finishing**

6.4.2021

I finally got the scroll view to work as intended. The most popular book on the front page has a default rating object to make it look better. They are all attached to adjacent object borders to keep the layout spacings.

7.4.2021

The app hasn’t been tested on phones with different screen sizes, probably resulting a mismatching appearance because of some fixed heights and widths on the objects. It is still configured to have a stable layout. The last minor added thing was opening the project website on GitHub.