

Lappeenranta teknillinen yliopisto
School of Business and Management

Software Development Skills

Aki Eronen, 614554

LEARNING DIARY, Mobile MODULE

LEARNING DIARY

13.12.2023

I read the course overview and the general course information and went through the Environment Setup page. I already have git, VS Code and Android Studio installed on my pc, so I just created an account in bitbucket and watched the Intro to version control –video to refresh my memory about git.

Introduction

I watched the Introduction –video and followed along. I have used Android Studio before on another course, so this first lecture video was to refresh my memory. It was needed because it has been a long time since I've used Android Studio, and I probably would not have remembered how to use it without watching the video. The one new thing I learned was debugging on Android Studio. I have not used debugging on Android Studio before. Committing and pushing to the bitbucket remote repository went smoothly.

20.12.2023

Core Elements

I watched the Core Elements –video and followed along. In this video was some familiar stuff and refreshing my memory again, but there were also some new features that I haven't used yet. Activities and Intents were familiar to me, but I learned how to use Intent methods getIntent(), putExtra(), hasExtra() and getExtras().getString() to pass information from one activity to another. I also learned about IntentServices and BroadcastReceivers. I learned how to open other apps from my app, for example how to open www.google.com on a browser. I had an issue with it first because it didn't open a browser when it should have, but after a few google searches, I found out that I had to add <queries> and some other code into the manifest file and then it worked like it was supposed to.

21.12.2023

Lists, Layouts, and Images

I watched the Lists, Layouts, and Images –video and followed along. ListView and ImageViews were familiar to me before, but it was great refreshing my memory again. I

have also used custom layout components before. I learned that you can create string arrays in the strings.xml file and get the arrays from there. I don't remember if I've used ItemAdapters before so that is a new thing I learned to use. I also learned how to scale a picture to fit into any screen size, if the picture is too big for the screen.