Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, MOBILE MODULE

**LEARNING DIARY**

22-May-21  
  
I checked the general information and understood the main focus of the course, which is to find my passion as a software developer and create a unique project to represent my skills. I chose Mobile and Back-End module because it was the most interesting project offered. I’ve also tried to set up my environment, I end up choosing Android studio as I have a worked al little bit with that editor before, I’m looking forward to master the use of it and being able to move around with confidence and better understanding. I learned to set up a git repository and did my first commit, everything went smoothly after I clicked the banner to watch intro to GIT.

* While on starting the first tutorial/lesson I was able to connect my phone to my computer and emulate the demo application.
* I’m unable to creator an emulator on my PC as the BIOS of this one does not have Vt-x enable; I’ll check this next time I restart the pc.

23-May-21

Today I looked at the second lesson, I learned how to create new activities and how to create new intents between and within these activities.

Important information to look into the document:

* Activity
* findViewById()
* Intent
* getIntent() , putExtra(), getExtras()
* startActivity()

I also came across the view and View options in which I must look into deeper. So far, I’m liking the module and I’m looking forward to creating my first project to submit today.

* Currently starting the part 3 of the android studio for beginners.
  + Things to keep in mind are how to use
    - List View
    - Customlayout
    - Images with ImageView

I have completed the three videos and successfully created the 3 applications, will now dedicate my time to work on the project task.

24-May-21

Today I started by looking deeper into what are/is Intent. I found this video very interesting and a great resource to explain the concept of Intent.| <https://youtu.be/4AG-h-zoY4g>

Another video I will be using to figure out how to move between activities within my project is the following one: <https://youtu.be/uZpzakpyP4w>

What’s left for me today is to figure how to transfer information/data between activities.

* Another finding or discovery, android doesn’t allow to create subdirectories within drawable or any res folder… which is in my opinion horrible, I’m guessing here is when naming conventions come best handy.
* Another accomplishment for today was to be able to push to Git, I followed the following guide for that:
  + <https://superuser.com/questions/1412078/bring-a-local-folder-to-remote-git-repo/1412081>

This evening I started working on my application, I was able to populate the first listview with an array options that would later lead to multiple other activities, this is with the hope of creating detailed library for the application purpose, that is to create a Heroes of the Storm library with the heroes, skills and attributes that take place in this game, I’m enjoying the learning process.

!Important!! another great discovery, I was able to reuse the adapter to populate a different viewlist activities! With this I can easily create the Heroes activity and populate this one.

25-May-21

Brilliant me lost everything from my project to submit… trying to push to git from android studio… how frustrating is this.. my own ignorance and lack of care with that.. I’ll have to start again from zero… I hope this work as a lesson and not only that a test to see how much understanding I gained…

* Finally!! I was able to remake what was lost, and I’ll make sure to save a copy in a different folder , I’ll also add some more images tomorrow to the app, and submit it for the first project, I believe it meets all of the requirements, after doing that I’ll start working in my other module for backend which I’m also exited to participate in.

26-May-21

I was able to emulate the project in my computer after changing the setting on bios,

Another discovery is that the length of a string I can store in values.string is very limited. For now I’ll limit how much I’ll list for each character and find a way to use external sources to populate textviews.

-after some revision I decided to turn in what I have right now, if more is require for my grade I can work on it.

I will try again to not fail at git.

Looking forward for next project as well as working on the other modle.