

Lappeenranta teknillinen yliopisto
School of Business and Management

Software Development Skills

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LEARNING DIARY, Software Development Skills: Mobile MODULE

LEARNING DIARY

I started doing the video tutorials that are indicated in the course, in which I had some problems when carrying out some of the functions described.

In the first video I learned how to create a new project with its activities, and manage the views and data, besides running and debugging the project. In this first part I had no major problems.

As for the second video, it showed me how to create more than one activity, send data between them and display them in the second one, and launch an activity that makes use of resources outside the app. I also learned how to use Intent filters to launch my app from the browser, how to use *getIntent()* to get the data from the intent that launched my app, and how to use *putExtra()* to send data to the second activity. I used *getExtras()* to get the data from the intent that launched my application, and *getString()* to get the data from the bundle. I used *startActivity()* to launch the second activity.

As for the third part, I learned how to use *ListView*, how to create a custom layout component, and how to incorporate images with Image View. I had some problems with the last point, which were adequately resolved after some research.

For the case of the project in question, I made an application to generate a random number between two values and these will be displayed in order of creation in another activity. To display the numbers I had many problems, but after a long time looking for different solutions I found the right method.