

Major Computer Science
Stream in Software Engineering
Sarjana Komputer Thesis
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**ANDROID APPLICATION:
SYNCHRONIZING, MONITORING, AND CONTROLLING A
COMPUTER USING ANDROID BASED MOBILE DEVICES**

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Abstract

The purpose of this thesis research project is to introduce Android that is considered new technology in mobile application industry. The benefit of this project is to be able to create communication between a computer and mobile devices that use Android operating system thus control over the computer using the mobile device as a remote will be achieved. Within this thesis, the author want invite other mobile developer to consider developing for Android application as they will find the reasons why they should develop android application here.

As a result of this thesis, an application to control a computer by providing virtual keyboard and virtual track pad that is built by looking at the weak point and features that existing applications are lack of. This application is connected using either Wi-Fi or Bluetooth.

At the conclusion, this application managed to make communication with a computer and control its keyboard and mouse feature.

Keywords: Android, mobile application, Java, controlling, remote.