

## **ABSTRACT**

Along with technological advances, the management of information that used to be done conventionally through paper media will likely be damaged or lost. This can be overcome by utilizing technology to guarantee effectiveness and make it easier to manage it. One way is to take advantage of technological advances, namely with easy-to-use administrative management applications. Android application can be a data management tool related to the central information system. With features that can interact with users in real-time, it is made more flexible. Therefore, the author makes an android-based application for the management information system of the Laboratory Unit of the Faculty of Applied sciences.

Making this management information system feature uses the Java language, where this language is widely used for this Android-based programming. The features that are made are the requirements needed in the Laboratory Unit of the Faculty of Applied Sciences to make it easier for laboratory staff to access data and store data. The account level in this application also has 3 sections, Admin(Laboran), Laboratory Assistant and Practicum Assistant. Where the Laboratory and Practical Assistant account are limited to accessing the features in the application, only admins can access all the features.

The expected result of this Final Project is that the Laboratory Staff of the Faculty of Applied Sciences is easier to access existing administrative service and minimizes the use of paper and the possibility of being damaged or lost, and also the use of this application can be more flexible and mobile in the sense that it is easy to use access