

## ABSTRACT

In general, humans have barriers in understanding and learn something like remind and increase our potential. The problem is arising from very still lacking empowerment a technological advantage in the time of today's highly mobile. Benefit from an application of a technology is to help people in reducing barriers and constraints aiming able to help people in everyday life . The application of mobile learning is one of the alternatives in the use android-based technology is very practical and very helpful in learning.

Basic telecommunication technique is compulsory subjects which have a theoretical basis and an overview about any matters relating to telecommunications that includes the transmission and the network. Basic telecommunication technique has a complex theory that makes freshmen have difficulty about the MK. Based on the results of a questionnaire survey conducted in class D3 TT 39-03, 93% of students need an application that helps the Basic telecommunication technique. Telecommunication engineering student of D3 comes with a variety of different educational background like IPA and SMK which still requires matter and alternative materials in understanding the Court in the first year of college. This diversity that makes the understanding of the students in learning the basic subjects of different telecommunication techniques .In solve the problem, it needs a mobile application that is composed of matter and exercises as an alternative in the study of basic telecommunication engineering.

Results of this final project is expected to help students majoring in telecommunications engineering in studying basic subjects in mobile telecommunications. Designing applications created consisting of theory, matter and discussion .The application made to open the library system in which the system interfaces have submit the score can be a result of construction problems at the show on view of reward, causing another student interest in learning basic telecommunications engineering. Applications have applicative attractive design and comes with learning animation in communication systems. This tool system using a very simple system which is equipped by sub-courses in order to use the application can use it easily.