

ABSTRACT

During this particular teaching system in the country Indonesia is still done manually using conventional media such as paper (book) and the Board. The media is considered less attractive because people are getting tired of the learning system that proved very monotonous and less interactive.

To be able to ease the process of cellular network planning teaching, then made an application that serves to facilitate the learning process of cellular network planning. Learning with applications made with android this it will make students more interested in using it because of more interactive. It is in this final project designed an application of learning technology LTE which describes materials technology and planning LTE, LTE planning case study examples, and tools planning LTE calculations.

In this final project has designed an android-based applications of learning technologies LTE which describes materials technology and planning LTE, LTE planning case study examples, and tools planning LTE calculations. This application has been tested in functionality and result in that entire function in the application can run properly on smartphone devices. From the results obtained by questionnaire the average value of the entire application was 3.99 of 30 respondents.

Keywords : LTE, android, and mobile planning