ABSTRACT

Rapidly growing technology nowadays is a telecommunications technology, especially in terms of communication exchanges. We can take notice of the growing number of social media users as well as the increasing use of electronic media as a reference both in searching for news or information. See the effectiveness of the telecommunications study independently in gadgets, there is an idea to create an application that provides mobile telecommunication learning facilities.

This application about science telecommunications derived from some literature with dna-based system android.This application applied to mobile smartphone / based version 2.2 android operating system.Application has three main features: learning materials, the actual exercises, and see ranking value. On the matter is composed of seven chapters matter that has been adjusted with matter to be given on basic telecommunications went mid test (UTS), central semester with images and penjabarannya.What exercises given divided into five groups where also adjusted with outstretched chapters. Time granting quis uts, until at college with total available each fruit, about 25 coupled with one part exercise about uts, with total about 100 fruit available.This application also has the unique and interactive, display to make the user be comfortable and indulge in a study.

Based on research to 39 D3 Telecommunications Technic of Telkom University, 49 % correspondent said need application to ease and help knowing basic communication and 92 % correspondent states that application is useful in studying basic telecommunication with 36 percent therein stated application is very useful.In order to help user in sharpening and to widen prescience about basic telecommunication.

Keywords: telecommunications, technology, android