

ABSTRACT

The problem which is happening in few of college students in Telkom University is sometime they are complain about the learning modules which are difficult to be understood the materials, like the modules in the subject of Cellular Communication System, this is because the modules or slide is rated not interesting and difficult to understand, so this learning media become less effective.

With the presence of that problem needed an interactive media using Adobe flash professional CS6 software, with action script 2.0 as the programming language. Learning media using flash is more interest and more effective to be understood by all of collage students, with provided the learning media which is more interactive that will be used for learning media in class and practicum of cellular communication system in Telkom University of the major diploma-3 telecommunication engineering.

Learning media that has been made from the results of the testing conducted In the functionality of 100% functionality from the beginning, from the results of quantitative testing from several students, learning media can help and increase the average yield with an average total of 81 which does not fit well. Based on the results of the questionnaire, the appearance of the learning media obtained an average MOS score of 4.45 from a scale of 1 to 5, which was not seen in the medium of learning as good.

Keyword : *interactive learning media, Adobe flash professional CS6, Cellular Communication System.*