ABSTRACT

In the teaching process and learning activities nowadays, teachers just focus to explanation of theoretical concepts without help by props. This condition will impact to student's comprehension about material that explained. This condition also occur in the health science learning, especially for First Aid in Accidents (P3K). Deficiency that have been mentioned, can be solved by use the multimedia technology. Multimedia technology become the solution for education because it is able to provide some props when explaining the material. In other words, multimedia technology to facilitate students in understand the material that explained by teachers in school. According the explanation above, this final project would create multimedia application for props in First Aid material explanation. This application consists of a simulation, visualization, and evaluation of theoretical concepts, which can help student's ability to understand the material of First Aid Learning. This interactive learning application is built using ADDIE modeling for working methods. Tools that use are Adobe Flash CS6, Maya Autodesk, Adobe Illustrator, and After Effects. To determine the effectiveness of this application, the test of this application would done by share the questionnaires to teachers and students. Respondents are 30 students. Based on the results of the questionnaires, it will conclude that this application is required by the respondents as a tool to understanding the materials. This application design is interesting and easy to operate, able to help the process of learning activities and able to understand the materials that explained.

Keyword: Learning Application, P3K, ADDIE Model, Adobe Flash CS6.