ABSTRACT

Education is the one that already apply various technologies. To do learning was already done with the application. One of which is for improve the comprehension and desire to learn for the students. Improve the comprehension and desire to learn is a problem on the education world. Ar-Rafi is the one of primary school in bandung who has moves in the education sector. Now the case study in the Ar-Rafi Bandung, is Ar-Rafi have a method to telling the subject about blood circulation system in the human is with use the book. The impact is students easily bored when learn the subject about blood circulation system in the human because the subject is just displayed only with the text. So because of that, will be build a learning application with the multimedia based which can solving the problem with the helping by this application. To build this application it is use ADDIE (Analyze, Design, Development, Implementation, and Evaluation) method. And the tools it is used Adobe Flash CS6 to making the animations, Adobe Photoshop CS6 to making pictures and Adobe Audition CS6 to making sounds. functionality testing used Blackbox Testing and UAT (User Acceptance Testing). The conclusion about blood circulation system in the human is can helping to increase study interest for students in Ar-Rafi primary school for learning a subject about blood circulation system in the human.

Keywords: Learning Aplication, Adobe Flash CS6, SD Ar-Rafi'