ABSTRACT

DEVELOPMENT OF APPLICATION COLLABORATIVE LEARNING WITH THE CONCEPT COMPUTER ASSISTED LEARNING (CAL) IN SMP NEGERI 24 BANDUNG

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SMP Negeri 24 Bandung is one of the government institution which is a container to create a national education in order to produce quality output. But in the process of Teaching and Learning Activities (TLA), SMP Negeri 24 Bandung still having some problems. The limited time at school to be one trigger of a lack of materials, evaluation, understanding concepts, and interaction between students and teachers, so that the students have difficulties in gaining subject matter. In general form the subject matter submitted by teachers about students' attention, causing a saturation in understanding the lesson. Thus the need for a more interactive learning variations to the process of Teaching and Learning Activities (TLA). Variations of this interactive learning can be implemented in an e-learning methods SMP Negeri 24 Bandung.

E-learning systems can not be separated from computer tekologi aid known as Computer Assisted Learning (CAL). CAL is used as a means to deliver multimedia learning materials in the form of text, graphics and audio / video. E-learning can assist teachers in their teaching materials mendistribudikan without having to be in class and can be used as additional discussion of the media to discuss the subject matter is not yet complete and may be useful as a medium for delivering and collecting the tasks given by using the internet, it This can maximize the learning time in a limited class.

Applications built is expected to be a medium of learning and communication more broadly to menujang process of teaching and learning activities more widely without being limited space and time.

***Key Word*: Internet, *E-learning*, CAL**