ABSTRACT

THE DEVELOPMENT OF E-LEARNING SYSTEM AT SMA NEGERI 12 BANDUNG

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E – learning stands for Electronic learning is a new way on teaching learning process which uses electronic media especially internet as its learning system. E-learning is used to support teaching learning process. The use of E-learning is expatiated able to help the function of teacher in delivering material when the teacher couldn't come at class, and the students can study by their self individually whenever and wherever they are. Some problems that are found at SMA N 12 Bandung are teaching learning activity is done face to face, definite by teaching time, communication between teacher and student is difficult to be realized and the principal gets difficult to get information of students' ability fast and accurately. In this final project, it will be made a web based E-learning application as 1earning medium at SMA N 12 Bandung.

Research methodology that is used is descriptive analysis methodology. Descriptive analysis methodology is a method which describes some facts and information in a situation or event systematically, factual and actual. This methodology has 2 steps; they are step of collecting data which is used observation, interview, and literary study. And the second step is developing of software which adopts from waterfall model.

For analyzing and designing model which are used in made of system uses conventional method. Uses server side programmed with PHP and action script on make it. Based on trial result, concluded that this learning application as a secondary medium on teaching learning process, facilitating teacher to distribute material without limited by time and distance, help teacher and student communication by discussion forum, abridging teacher on materials distribution, help the principal get students' ability resume through online examination result on dashboard. System that is made has been suitable with the need of teacher and students expectation.

Key words : E-learning, application, learning, online examination, material, dashboard