

ABSTRACT

This research backgrounded by several schools in Bandung District which the class learning process still have some weaknesses especially on materials delivery, tasks and also examination, more over when the teachers were not able to attend the class. These complications, one of the cause will be the delay of materals delivery, tasks and also the examination. As for the purpose of this research is to the ease of teachers and students within Bandung District in the process of learning both in and out of the class by inventing a learning application enhanced with forum feature to facilitated interaction between teacher and student. The learning application designed according to the needs of the school, comprehended by the interview with several schools in Bandung District. Learning application could assist teachers in subjects delivery, tasks, examaminations, tasks and examinations scoring, also students could acquired resources, completing tasks and finishing examinations. In this research used Prototype method with using the PHP framework CodeIgniter programming languange and MySQL database storage. Meanwhile for the application testing, Black Box Testing method was used, so this learning application could operate compatible with its function and purpose.

Keywords: E-Learning, Forum, Online examination.