

ABSTRACT

During this time all the execution of examination in Telecommunication Engineering D3 Study Program is still conventional, in other words that the execution of test can be done on condition that it occurs after the meeting between the students with the lecturer in the classroom. If the meeting between the student and the lecturer does not occur or the lecturer is not present and the meeting time is limited by the campus, that automatically the process of implementation of the exam is inhibited. In addition the manufacture of exam questions, doubling exam questions, evaluation of exams and others, still used paper. It causes lack of paper efficiency, examination time and many a students can make a mixed exam file with another file.

Based on existing problems created a online examination web-based application. With an online exam, lecturers easily make a exam questions anywhere and anytime because it can be accessed via internet. A online examination application is made using a programming language PHP and for database using Mysql. The system works when lecturer get an account from the administrator to be able to enter exam which then is processed by the system, after the match a exam is directly stored in the database.

After testing and implementation of online examination application Obtained the conclusion of them are: Online examination application can help lecturers in making exam questions online through online examination website have been made it. For the results of subjective tests on lecturers get results 4,6 and while from the results of subjective tests on administrator get results 4,83 based on average assessment of the questionnaire. And from the results of web server load testing using Web stress Tool v8 and apache benchmarks note that the ability of the server can serve well when accessed 50-100 users without any error.

Key Words: Exam, Online Exam, PHP, MySQL