ABSTRACT

Teaching and learning activities in class is identical to a teacher who teach students by him style teaching, and students have to adjust their teacher. However, the ability of individual learners to absorb the lessons are not the same. Anyone can easily understand all the material presented, there is only partial, there is not at all. So that students who feel less understood need to find additional information to assist in understanding the material, is e-learning that adaptive method using the language of PHP procedural CodeIgniter and MySQL for database.

E-learning application is divided into three classes are textual, visual, and auditory. Textual class is a class that provides the subject matter of reading, whereas visual material in the form of video, and audio sounds or auditory form. So that teachers are required with this application must be creative in providing material that varies according to the needs of each class. Of class division is expected to help learners to understand the lessons better.

Based on the results of beta testing by distributing questionnaires, correspondence from IT Telkom students with the Operating Systems course. Obtained some results which, at 100% agree that this application is worthwhile for them, 80% agreed that they understood the material presented, and by 73.3% said they agreed that the delivery of content according to their learning styles. This indicates that the application of e-learning with adaptive method is quite effective as a support for student learning activities

Keyword: : Adaptive, CodeIgniter, e-learning, learning style, MySQL.