

ABSTRACT

Along with the development of ICT technology, the use of internet in education has increased gradually and many of the new technologies have increased student interest. With the distance learning system, students can be more flexible on the spot as well as constraints on time. thus, students can access information any time and anywhere either in the library or during college. In fact, the traditional learning system can be eliminated with a full-featured open source software because it can reduce the use of paper and stationery time learning system.

This final project is creating an e-learning website using MOODLE to help the learning process of calculus lecturers Telkom University to their students that can be accessed anywhere and anytime effectively, the lecturers can upload material by text, photos, or video into e-learning. Additionally lecturers can make a test session for the students so that the students can carry out the test without having to be in the classroom. Based on the test results, e-learning has been able to run smoothly and meet the functional requirements and user test questionnaire was used to get an average of 4, will be directing that the application is functioning properly and effectively to use wherever and whenever.

Keywords: distance learning, e-learning, MOODLE