

ABSTRACT

E-learning is a means of learning the good and worthy to be developed and applied because they offer many potential benefits for the learning process. Examples of benefits that can be obtained from the use of e-learning is in terms of time efficiency and convenience to obtain learning materials. E-learning users can obtain and learn learning materials wherever and whenever so that learning process can continue running even if not in the same place and time with teachers.

E-learning lab DAPL created to assist the learning process on DAPL lab activities. With e-learning DAPL lab so students can acquire and study the material DAPL lab wherever and whenever so praktikan can more easily understand the material and make the learning process anytime. Designing e-learning DAPL lab using a prototype so that each step method for designing e-learning can be more organized. E-learning DAPL lab created using software Moodle (Modular Object-Oriented Dynamic Learning Environment). Moodle makes it easy for users to make modifications to the design of e-learning so that users can create e-learning with the desired design.

E-learning DAPL lab will be created by designing three experimental material that is content to video content, audio, and animation. The content will be combined with practical materials that make the material more interesting to study practicum. The content can also make the material practical DAPL lab become more attractive and innovative because it provides a different view material from the previous. Multimedia content are integrated so that makes viewing multimedia in e-learning more interesting and administrators can manage the multimedia display that will be inputted on the e-learning.

Keywords: e-learning, Moodle, e-learning content, DAPL lab