

**THE DEVELOPMENT OF THE INTERACTIVE LEARNING MEDIA
FLASH BASED ON NETWORK SERVER ADMINISTRATION TO
VOCATIONAL HIGH SCHOOL STUDENTS GRADE XII DEPARTMENT
OF NETWORK COMPUTER ENGINEERING**

Sulistyono
NIM 08520241016

ABSTRACT

The research was purpose to develop the interactive learning media on network server administration course, testing the media task and to know the feasibility of media when tested to the field. The end result of this research is the learning media products in the network server administration which has tested performance and feasibility.

The research was using Research and Development Method according to the implementation step of development, as follows : 1) Analysis of needs, 2) Develop the design of multimedia learning, 3) Implementation of Media, 4) Testing the product result of media development. The testing was using Black Box method to find out the error of navigation, and then the media is validated by the expert of material and the expert of media before tested to the field. The research of user testing was held at SMK Ma'arif Kota Mungkid, Magelang, grade of XII, with 35 students the department of Network Computer Engineering. The data collection method was using Questionnaire, the data were collected then analyze by researcher with Descriptive Analysis technique with convert the average result of evaluation into the feasibility interval score.

The result of the research was show that the level of learning media development from the expert of material validator the score was 3.56 in very feasible category, and then from the expert of media validator the score was 3.44 in very feasible category and to the user testing of students the score was 3.44 in very feasible category. Based on the data, conclude that the interactive media learning on network server administration course which made by the researcher was feasible to used by vocational high school students department of network computer engineering.

Keywords: Learning, Server Administration, Multimedia, Macromedia Flash