QUALITY ANALYZE OF INFORMATION SYSTEM ON PRODUCTIVITY INCREASING AND STUDENTS’ KNOWLEDGE AS E-LEARNING BASED’S TEACHING MEDIA  
(Case Study: Department of Information Systems ITS Surabaya)

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ABSTRACT

Researchers examines and modify or simplify modeling DeLone and McLean (1992-2003), based on the object of study in the Department of Information Systems ITS Surabaya. Object of the research is E-Learning, was developed using open source applications "Moodle" for 717 students. Purpose of this research is to determine the effect of system quality, information quality and service quality towards user satisfaction. after that, determine the effect of user satisfaction towards individual impact. The data used were 225 respondents. Researchers test the validity, reliability and linearity using SPSS. Then the data were processed using the GSCA.

This research proved if service quality, information quality, and system quality of E-Learning, influence the student satisfaction as users. Student satisfaction in the use of E-Learning influence the individual impact. E-Learning provides the influence / impact for the individual impact, ie Improved Individual Productivity and Improved Knowledge Sharing.

Key Words : service quality, information quality, system quality, user satisfaction, individual impact