Development of The E-SMK Elearning Acceptance Model

by R. Irfan, Priyanto, P. Walipranoto, B. Destiana

ABSTRACT

This study aims to develop a model of acceptance of e-learning in vocational high schools in Yogyakarta, which is named E-SMK (e-learning SMK). E-SMK was developed based on four technology acceptance model (TAM) variables that were expanded with the addition of technology and organizational external variables. The development of external variables as antecedents of TAM variables is based on other technology acceptance theories, institutional isomorphism theories, and Information System Success (IS Success) theories that shape the technological dimensions and organizational dimensions. E-SMK will formulate the critical success factors of e-learning that are felt and experienced by teachers from the technological and organizational dimensions. In the long term, E-SMK can be used by stakeholders as a strategy for developing e-learning in DIY so that e-learning can be accepted and maintained.

There are four stages in this research. The first stage is a qualitative study to determine the content and content domains of the social and technological dimensions. The second stage, determining the items of the instrument and expert review. The third stage, a quantitative study for refining the scale and refining the items. The fourth stage, a quantitative study for the finalization of the instrument. Analysis of the data used is quantitative namely confirmatory factor analysis (CFA) and structural equation models (SEM) to test the E-SMK model.

The expected target in this research is the acceptance model of E-SMK e-SMK, E-SMK books, and results socialization. First, the E-SMK model is used to measure teacher acceptance of e-learning so that any factors that influence e-learning acceptance by the teacher are obtained. Second, E-SMK books can be a scientific guide in the development of e-learning in DIY. Third, the socialization of research results through scientific meetings and international journals.

Kata Kunci: *e-learning, technology, organization, e-learning acceptance model, E-SMK, TAM*