

ABSTRACT

The application of technology must be evaluated using a comprehensive model to assess whether the technology that has been used can have an impact on individual student performance in carrying out their duties. This study evaluates academic supporting technology at Telkom University with the task technology model fit.

This study uses SEM-PLS to determine the factors that influence the relationship between task mobility, task feedback, system reliability, system accessibility and system quality, with habitual use which is influenced by self efficacy, trust, perceived critical mass and reputation.

The results of the study stated that the dimensions of Task Mobility, Task Feedback, System Reliability, Trust, Reputation and Task Technology Fit had a positive and significant effect on Student Performance in the Use of ICT Equipment in Campus Laboratories. The Dimensions of Perceived Critical Mass and System Quality have a positive but not significant effect on Student Performance in the Use of ICT Equipment in Campus Laboratories. While the two variables namely System Accessibility and Self Efficiency are eliminated from data processing because the variables are not reliable.

Keywords: *SEM-PLS, Task Technology Fit, Student Performance*