

## **Abstract**

Digital Library (Digilib) is a web-based information system developed by Telkom Engineering School, Telkom University as a supporting of the campus library. Digilib make a lot of people can see a collection of journals and scientific papers in the Telkom Engineering School's library archives. But until recently, the use of Digilib as a library supporting web-based application was not optimal, because of several factors. Therefore, the author will attempt to investigate it. To see how far the user acceptance againts Digilib, the author will use Unified Theory of Acceptance and Use of Technology (UTAUT) to see the level of acceptance of Digilib so far. For the process evaluation, researchers used a cognitive walkthrough evaluation. By using quisoner, the UTAUT model and evaluation techniques will be applied. With gained a regression function of the results of questionnaires that have been concluded with the tools SPSS Statistics 17, the output expected to be produced by the form of recommendations for Digilib further development to makes an information system that can be used optimally by user.

Keywords: Digilib, Information System, UTAUT, cognitive walkthrough, SPSS.