

## **ABSTRACT**

In the concept of e-learning, learning activities, assignments and exams can be done by online. This provides benefits for teachers and students for computer-assisted evaluation system who can provide faster and more accurate assessment, especially for essay assessment. Grammar and sentence structure are the two things that often become obstacles for teaching staff in Telkom University, sub-study program MBTI International in the form of check paper or essay assignment for using the English language. System implementation essay at Telkom University is still traditional (manual), this must be developed if the essay scoring system will apply automatically. To know the risks contained in the system development is required feasibility study. In this study, researchers tested the feasibility of Criterion (paid software) and R Software (open source) as an assessment of alternative solutions. This type of research is descriptive qualitative research methods. Sampling techniques in this study using purposive sampling. Data collection techniques done by conducting interviews. The results showed that the superior Criterion on the operational and scheduling aspects of eligibility and R-Software excel in the technical feasibility and economic aspects. As for the legal feasibility aspects, both software are in a balanced position. Criterion expressed more feasible because the operational aspects is the primary aspects considered by Sisfo as a systems developer at the University of Telkom.

***Keywords: e-learning, Feasibility Studies, Criterion, R-Software, Automated Essay Scoring System, English***