

ABSTRACT

In the current era, the use of information technology is very useful for various aspects of existing business processes in organizations including the Directorate of Information Technology Center at Telkom University, especially the Telkom University Technology Product Development unit. The use of information technology also needs to be managed and audited so that the effectiveness of the information technology does not decrease from the quality and function itself. In this study, an audit plan was prepared using COBIT 2019 to facilitate the implementation of the audit later. The process of making an audit plan is carried out using a design toolkit framework to analyze data regarding existing information technology and later an information technology risk assessment will be carried out to find out how much influence the risk has on the organization's business processes. The results of the study resulted in an information technology audit plan based on the results of previous risk assessments, determination of audit scope, required documents, audit methods used, what resources are needed, determination of audit schedule, and communication of audit findings. This research can also later be used as a recommendation for the Telkom University Internal Audit Unit before conducting an audit of the Information Technology Product Development unit.

Keywords— information technology, COBIT 2019, audit plan, risk