

ABSTRACT

Polytechnic Telkom is an institution under the auspices of Telkom Education Foundation (YPT). Polytechnic Telkom has a vision to become an excellent Polytechnic in Management and Information Technology & Communication in South West Asia, also it has a strategy to get the Good University Governance. Therefore, they need big contributions from Information System unit (SISFO) to mak it happen.

To find out the implementation level of Information Technology in Polytechnic Telkom and recommendation to increase it, then the assessment of information system audit was held. Assessment using the framework COBIT 5 version because the assessment will focus on controls for each process. To achieve alignment of best practices to the needs of the business, it is used COBIT at the top level (highest level) because it provides a control framework based on process model of information technology that should be suitable for the university in general.

This research assess two Domains of COBIT 5, the APO and DSS. Based on the mapping of the Enterprise Strategic Plan Goal 5 which was obtained COBIT IT processes to be assessed, among other APO01, APO05, APO11, APO12, DSS02, DSS05 and DSS06. There are 5 stages in the assessment process, they are initiation and preparing stage, study of objective stage, validation data stage, analyze and reporting stage, and conclusion and recommendation stage. From the assessment result, there is 1 process in the lowest level, which is 0, in APO12. There are 5 processes in level 1 that is APO01, APO05, APO11, DSS05 and DSS06. And last that is 1 process in level 3 which is suitable with the target from Polytechnic Telkom, that is DSS02.

Keywords: Assessment of Information Technology, COBIT, APO, DSS