

Abstract

Telkom University is one of the private universities which is a merger of four institutions under the organizers of Telkom Education Foundation (YPT), namely Telkom Institute of Technology (IT Telkom), Telkom Institute of Management (IM Telkom), Telkom Polytechnic and Sekolah Tinggi Seni Rupa dan Desain Indonesia Telkom (STISI Telkom). Telkom University has a vision to become an independent university with good governance with International standards. To achieve this vision, some improvements in the performance of Telkom University are needed, one of which is the need for Information Governance (IT Governance). Information System Section (SISFO) as developer of information system and technology infrastructure needs to be evaluated in implementing Information Technology related to management and management so that conformity of information technology performance and business strategy can be achieved. It is an important aspect of corporate governance as a whole. Good Information Technology management can ensure efficiency as well as the achievement of good service quality for an organization. Improving the role of Information Technology will have to be planned well in order to be implemented in accordance with the conditions and capabilities of the organization.

The framework used in information technology governance in this research is Control Objective for Information and Related Technology (COBIT) because the assessment using COBIT 5 has a focus on governance as well as management and has controls for every IT process. In COBIT there is a Process Assessment Model (PAM) that serves to determine the effectiveness and efficiency of a set of processes by evaluating the level of Maturity (Maturity Level). By knowing the difference (gap) of the current maturity level and level of maturity to be achieved, will get the recommendation to improve the difference in maturity level.

Keywords: Information technology governance, COBIT.