

ABSTRACT

In this digital era, information technology has become a liability for nearly all types of organizations, not least the organizational management of health because information has become a major resource for the organization. With proper management and fast information, healthcare organizations can improve the performance of health services, and can be a competitive advantage.

On that basis, conducted a study to assess the governance of information technology (IT Governance) at one healthcare organization in the city, namely Hasan Sadikin Hospital (RSHS). In this study, the assessment uses a standard application of COBIT 4.1 to align IT with the strategic objectives of the Hospital. Maturity level is one of the tools in COBIT is used to measure the application of IT, with the maturity level of 0 (non-existent) to 5 (optimized). The end result of this research is improvement recommendations to improve IT governance in achieving the objectives RSHS.

The study begins with the identification of problems, objectives and constraints of the issues raised. Then book study conducted to gain knowledge about IT governance implementation. Meanwhile, a field study conducted to identify the vision, mission, goals, objectives, and information technology at RSHS. After that, an analysis Business Goals, which in turn is mapped into IT Goals and IT Process is in COBIT. Furthermore, the selection of IT processes to determine the critical IT Management Awareness and analysis to determine the level of management awareness. The end result is a level of maturity (Maturity Level) to determine RSHS current (actual) and expected conditions in the future (target expectations). The results of this analysis further to be a reference to formulate recommendations for improvement (OFI) to management based on the analysis of gaps (Gap Analysis).

From these results, it is concluded that of the 28 IT processes have actual maturity level at level 2 - RepeaTabel But Intuitive. While the expectation level 4 - Managed and Measurable. To achieve the target of those expectations, then made OFI (Opportunity For Improvement) which contains strategic actions that can be performed by management RSHS.

Key words: COBIT, IT Governance, Audit, Information Systems