

## **Analisis Tingkat Kapabilitas Sistem Informasi Manajemen Akademik Terpadu Menggunakan COBIT 5 pada Politeknik Kesehatan Semarang**

**DIAH KUSUMANINGRUM**

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### **ABSTRAK**

Politeknik Kesehatan Semarang telah menerapkan Sistem Informasi Manajemen Akademik Terpadu dalam membantu proses administrasi akademik yang berjalan. Namun terdapat permasalahan terkait dengan kinerja sistem yaitu data yang diinputkan admin tidak tersimpan dan menu pembayaran yang terkadang tidak langsung terupdate meskipun mahasiswa telah membayar. Hal ini menyebabkan waktu yang dibutuhkan user dalam melakukan proses bisnis menjadi lebih lama. Penelitian ini dilakukan dengan tujuan untuk mengetahui tingkat kapabilitas terkait dengan tata kelola Sistem Informasi Manajemen Akademik Terpadu sehingga dapat menghasilkan saran perbaikan yang dapat dijadikan sebagai masukan bagi pihak Politeknik Kesehatan Semarang untuk dapat mencapai tingkat kapabilitas tata kelola yang diharapkan. Dalam melakukan analisis tata kelola digunakan kerangka kerja COBIT 5 dengan domain proses MEA01 (Monitor, Evaluate, and Assess Performance and Conformance). Metode pengumpulan data menggunakan kuesioner dan wawancara, sedangkan metode analisisnya analisis kapabilitas dan analisis kesenjangan. Berdasarkan penelitian yang dilakukan, didapatkan tingkat kapabilitas saat ini pada level 1 Performed dengan status Largely Achieved setara dengan 1,79. Kesimpulan yang didapat berdasarkan pencapaian adalah proses pengawasan, evaluasi dan penilaian kinerja kesesuaian belum terkelola dengan baik. Untuk mencapai tingkat kapabilitas yang diharapkan pada level 2 maka perlu dilakukan strategi perbaikan pada level 1 hingga level 2 yaitu proses direncanakan, ditetapkan targetnya, dilaporkan dan didokumentasikan.

Kata Kunci : COBIT 5, MEA01, Sistem Informasi Manajemen Akademik Terpadu, Tata Kelola, Tingkat Kapabilitas

## **Capability Level Analysis of Academic Management Information System in Health Polytechnic Semarang**

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### **ABSTRACT**

Politeknik Kesehatan Semarang has implemented the Integrated Academic Management Information System in helping their academic administrative process which is running at the moment. However, in practice, there are problems associated with the performance of the system that include inputting data which was inputted by the admin is not stored and the payment menu are sometimes not immediately updated even though the students have been paid. So it will take much longer time for the user to perform business processes. This research is conducted in order to determine capability level that was associated with the IT governance of Integrated Academic Management Information System so then can generate best suggestions for improvements that can be used for Politeknik Kesehatan Semarang to achieve expected capability level of IT governance. COBIT 5 framework using domain process MEA01 (Monitor, Evaluate and Assess Performance and Conformance) is used in analyzing IT governance. The method of data collecting was using questionnaires and interviews, while the method of analyzing were capability analysis and gap analysis. Based on the research conducted, it was found that the current capability level at level 1(Performed) with Largely Achieved status that was equivalent to 1,79. The conclusion based on the achievement that has been reached is the process of monitoring, evaluate and assess performance and conformance has not been managed properly. In order to be able to achieve the expected capability level at level 2 (Managed), it is necessary to do the repair strategy at level 1 to level 2 which is process planned, established target, reported and documented.

**Keyword** : COBIT 5, MEA01, Integrated Academic Information Management System, IT Governance, Capability Levels