ABSTRACT

DESIGN OF IT GOVERNANCE USING COBIT 5 FRAMEWORK WITH ALIGN, PLAN, AND ORGANIZE (APO) DOMAIN AT SMKN 4 BANDUNG

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SMKN 4 Bandung is one of the favorite school in Bandung or West Java Province. A lot activities conducted in the school use information technology as a tools to make it easy for users to access or monitor the performance of teacher and student in the school. But the management of Information Technology in SMKN 4 Bandung City has not been maximized. This is due to the unavailability of the position or adequate human resources and standards in the flow of business processes contained in the school to achieve goals. This study uses the COBIT 5 framework that is focused on Align, Plan, and Organize (APO) domains. This research process begins with a study of literature and field studies related to governance of Information Technology at SMKN 4 Bandung. Furthermore, an assessment and analysis of the current level of SMKN 4 capabilities are based on COBIT 5. The results of the assessment and analysis are then incorporated into the design of the Information Technology governance process and document design to complement the result of inappropriate or under-capability values based on COBIT 5.

Keywords: COBIT 5, IT Governance, APO, SMKN 4 Bandung