

ABSTRACT

Telkom Polytechnic is one of College that is under the auspices of the Telkom Education Foundation with the vision of becoming the leading polytechnic in the field of Management and Information & Communication Technology in Southeast Asia. As a new university established in 2007, there are still many things that need to be addressed in order to achieve the desired vision. Information Technology is one of the steps that have been taken to improve the effectiveness and efficiency of business processes Telkom Polytechnic. However, based on initial assessment is unknown if the use of Information Technology in the Telkom Polytechnic is not maximized. Level capability assessment is considered one way to solve the existing problems, so that the results of the assessment may be produced a recommendation for improvement. Assessment is done by using the COBIT 5 framework. COBIT 5 chosen because it can provide control for evaluating the business processes that should be running in the Telkom Polytechnic. Conducted research focused on 3 domains within the COBIT 5 domain EDM, BAI, and MEA. Assessment consists of 5 starting from the initiation and preparation phase, the study phase objects, phase data validation, analysis and reporting stage, the stage ends with conclusions and suggestions. Results of the assessment carried out shows the percentage of 66.67% for the achievement of capability level 1, where it consists of six processes that EDM01, BAI01, BAI05, MEA01, MEA02, and MEA03. Percentage of 33.33% for the remainder equally divided other achievement level 3 capability. 11.11% for the process capability level 0 EDM03. Capability level 2 process is achieved with a percentage of 11.11% BAI07. For the last 11.11% achieved by the process according to the BAI06 with achieving optimal target of Telkom Polytechnic capability which is at level 3.

Keywords: Information Technology, COBIT 5, EDM, BAI, and MEA