

ABSTRACT

Universities in Indonesia are currently implementing Information Technology (IT) to fulfill their business processes. IT implementation requires strategic planning and alignment so that business processes can run optimally and minimize financial losses. XYZ College has many information systems, including Website X Portal and X Academic Applications where very complex problems are still found. Therefore, to overcome these problems, this study aims to analyze risk management at XYZ College. The risk assessment model that will be used in this study is the National Institute of Standards and Technology (NIST) SP 800–30 Revision 1. The risk mitigation recommendation that will be used in this research is ISO 27002:2013. This study consists of 4 stages including the stage of preparing the research, the stage of conducting a risk assessment, the stage of communicating and sharing information, and the stage of end. The expected results of this research will be a report on the results of the analysis of threats and risks of information technology at XYZ College and recommend solutions related to risk mitigation that may occur at XYZ College for future management improvements.

Keywords: Risk Management, National Institute of Standards and Technology (NIST) SP 800–30 Revision 1, ISO 27002:2013, XYZ College.