ABSTRACT

In order to improve service to its customers, Bank is required to develop a business strategy in order to remain competitive, such as by utilizing advances in Information Technology (IT). The use of IT in addition to improving the speed and accuracy of transactions and services to customers, it's also directly increases the risk, such as operational risk, reputation risk, legal risk, compliance risk and strategic risk. Therefore, Bank is supposed to have an integrated risk management in order to mitigate the potential risks attached, through IT governance-based risk management. Designing IT governance risk based on this study using two (2) framework, namely Bank Indonesia Regulation (PBI) No. 9/15 / PBI / 2007selaku mandatory framework for banks in Indonesia with a combination of COBIT 4.1, which is one of best practice governance framework IT.

In this research, assessment of current condition of IT Governance is to get level of risk, level of compliance and level of maturity. This research generated output of the risk assessment and compliance review based on PBI 09/15/2007 and maturity level assessment based on COBIT 4.1, as well as recommendations on the mapping of the assessment has been done. In order to achieve the expected IT governance, particularly related to the level of compliance and level of maturity, the Bank X should implement the recommendations obtained, namely in the form of recommendations related to the guidelines of IT and non IT guidelines.

Keywords: IT governance, risk management, risk assessment, compliance review, maturity level assessment.