Abstract

The Motor Vehicle Testing Unit (UPTD) is part of the Transportation Department of Pasuruan Regency, which uses information technology (IT) through websites, mobile applications, and electronic systems to enhance public services and meet accreditation standards from the Ministry of Transportation. However, suboptimal use of IT has led to a misalignment between business objectives and IT objectives, thereby impeding the performance of UPTD. An evaluation of IT governance is necessary to determine the maturity level of IT governance and actions needed to align business and IT objectives. COBIT 2019 was chosen as the framework due to its capability to align IT goals with business goals. This research focuses on Enterprise Goal 06 (business service continuity and availability) and employs both quantitative and qualitative methods through interviews, observations, and questionnaires. The research results indicate that the capability level for the APO01 (Manage I&T Management Framework) process is at level 2, DSS04 (Manage Continuity) is at level 2, and MEA04 (Ensure Resource Optimization) is at level 1. The evaluation provides improvement recommendations based on COBIT 2019 standards, presented in the form of a static dashboard to facilitate monitoring and implementation of improvements. Thus, this study is expected to enhance the performance and effectiveness of IT governance at the Motor Vehicle Testing Unit, as well as support the alignment of business and IT objectives.

Keywords: IT governance, COBIT 2019, enterprise goals 06, capability level