ABSTRACT

PT Telkom Indonesia is a state-owned enterprise engaged in the information and communication technology services sector and telecommunications networks. To support business operations, PT Telkom implements SAP, specifically the Order to Cash (O2C) module in the SAP ECC 6.0 ERP system. However, manual financial transaction management poses a risk of error and is time consuming. This research aims to implement Automated Testing using UiPath to improve the efficiency and accuracy of the cash financial transaction process. The agile method is applied in this testing, starting from user story analysis, planning, test design, test environment preparation, test execution, bug reporting, to software release. The results showed that the use of UiPath in testing the order to cash business process on SAP ECC 6.0 successfully achieved a 100% success rate. The use of UiPath is significantly faster than the manual method. The final test process from the manual takes a much longer time, around 00.30.09 minutes. Then the test using the code script takes 00.18.12 minutes. On the other hand, from both testing methods, the automatic process using the UiPath studio method takes a much shorter time, only about 00.05.03 minutes. This efficiency proves that automation technology can improve the speed and quality of business processes at PT Telkom Indonesia, providing important insights to improve the efficiency of the Order to Cash process. Thus, the application of UiPath for Automated Testing on SAP ECC 6.0 at PT Telkom Indonesia can increase efficiency and accuracy, reduce the risk of errors, and save time in managing financial transactions.

Keywords: Agile, Automated Testing, Order to Cash, SAP ECC 6.0, UiPath