

ABSTRACT

Software testing is a crucial step in the application development process to ensure the system's quality and stability before it is released to users. PT Adhikari Inovasi Indonesia faced challenges in the effectiveness of its testing process, which was previously conducted manually, making it prone to human error and time-consuming. This final project aims to implement Automation testing using Katalon Studio on the Digital Invitation Website system as a solution to improve testing Efficiency and accuracy. The process includes requirement analysis, test case planning, test scenario design, test environment setup, manual and automated execution, and evaluation of test results. The tools used in this process are Katalon Studio for Automation testing, Google sheets for documenting test cases and results, and Asana for task management. The test results show that Automation testing increases testing Efficiency by up to 50% compared to manual methods and provides more consistent and accurate documentation. Therefore, the implementation of Automation testing helps the company deliver more reliable, stable, and high-quality products.

Keywords: Automation Testing, Katalon Studio, Quality assurance, Test case, Digital Invitation Website