ABSTRACT

Science and technology, especially information technology, have developed rapidly, encouraging the use of websites as an important medium in business and customer interactions. To ensure good website performance and quality, an efficient testing process is needed. PT Global Inovasi Siber Indonesia, which operates the Cyber Academy website, faces the challenge of time-consuming and intensive manual testing. The proposed solution is to use Katalon Studio for automated testing. This approach increases efficiency, consistency of results, and reduces human error. Implementing automated testing with Katalon Studio includes test planning, test design, test execution, and report generation, significantly speeding up the testing process and ensuring the quality and security of new features and changes to the Cyber Academy website. Test results showed time savings of approximately 33% and an overall increase in project efficiency.

Keywords: Automated Testing, Katalon Studio, Efficiency, Website Quality, Cyber Academy