

Automated web application testing with Katalon Studio

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Abstract: This topic focuses on researching and implementing automated testing methods for web applications using the Katalon Studio tool. The context of the topic arises from the practical necessity of automated testing in the process of developing and maintaining web systems. The objective is to build a comprehensive and efficient automated testing system to enhance software product quality. The research methodology includes reviewing existing technologies, analyzing business requirements, and designing appropriate test scenarios. The expected results will provide practical solutions for web developers and contribute to the development of the information technology industry.

Keywords: Automated testing, Katalon Studio, web application, testing system, development tool