

Research on automated testing, using Katalon Studio to execute tests on Shopee.

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Abstract: This topic focuses on researching and applying automated testing using the Katalon Studio tool in the development process of the Shopee e-commerce system. The context for choosing this topic is based on the necessity of automated testing to enhance the quality of digital products and services. The main objective is to build an effective automated testing system for Shopee, thereby reducing test execution time and improving application reliability. The research method combines theory with experimentation, including designing test scenarios and deploying them in the Katalon Studio environment. The expected result is that the topic will significantly contribute to the software development process, while also enhancing quality management capabilities in the field of online business.

Keywords: Automated testing, Katalon Studio, Shopee, Software development, Product quality