

Experimental testing of Website with Selenium automated testing tool

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Abstract: This topic aims to study and evaluate the effectiveness of using the Selenium automated testing tool in the experimental process of website testing. The context of the topic is defined by the high necessity of quality assurance for increasingly developed web applications. The main objective is to build an automated testing system to optimize the testing process and improve the accuracy of results. The approach includes studying the theory of website testing, experimental planning, and deploying the Selenium application to conduct practical tests. Through this, the topic is expected to bring practical contributions to the field of software technology and enhance the capabilities of web developers.

Keywords: Website testing, Automated testing tools, Selenium, Quality assurance, Web application testing