

Testing web applications using Selenium

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Abstract: This study focuses on analyzing and implementing automated testing for web applications using the Selenium tool. The reason for choosing this topic stems from the increasing demand for quality in online services. The main objective is to build an effective testing system to ensure the stability and functionality of web applications. The research methodology is based on a combination of theory and experimentation, providing a comprehensive solution for the automated testing problem. The expected result is a powerful support tool for the development and improvement of web application systems, significantly contributing to the efficient operation of digital services.

Keywords: Automated testing, Selenium, Web Application, Quality assurance, Analysis and design