

Building test suites based on Selenium software for web testing applications.

Bùi Thị Loan

Abstract: This topic aims to research and implement automated test suites based on the Selenium tool for web testing. The context for choosing this topic stems from the rapid development of web technology, which requires a more efficient testing process to ensure application quality. The main objective is to build an automated testing system to increase speed and accuracy during the testing process. The research methodology includes both theoretical and empirical approaches through application deployment on specific web projects, along with analyzing results to improve the performance of the testing process. The significance of this topic lies in its ability to provide a useful solution for organizations and software developers in enhancing product quality through automated testing.

Keywords: Web testing, Selenium, Automated testing, Software, Quality assessment