

Research and implementation of automated testing for a pet supply website using Selenium combined with artificial intelligence in test case design

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Abstract: In practice, automated testing of e-commerce websites specializing in pet supplies is an issue that requires attention. This topic focuses on researching and implementing an automation solution for the website testing process using the Selenium tool, while also applying artificial intelligence to design effective test cases. The objective of the topic is to improve system quality through a synchronized testing process between theory and practice. The expected results will significantly contribute to the development of automated testing techniques for e-commerce applications, thereby enhancing competitiveness in the digital market.

Keywords: Automated testing, Selenium, Artificial intelligence, Website testing, Graduation thesis