

Research and implementation of automated testing using Selenium and AI-assisted test case design for a football shoe warehouse management website system.

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Abstract: In the context of the rapid development of information technology, building an efficient football shoe warehouse management system that ensures product quality is an urgent requirement. This topic focuses on researching and implementing automated testing using Selenium and AI to support the test case design process for the warehouse management website system. The objective of the topic is to improve the reliability and performance of the testing process through the application of automation methods and artificial intelligence. The research method includes experimentation with Selenium to generate automated test cases and using AI to optimize the test case design process, thereby ensuring product quality in the football shoe warehouse management system. The expected results of the topic will provide useful solutions for businesses to enhance testing productivity and improve user experience.

Keywords: automated testing, Selenium, AI, test case design, shoe warehouse management