

Building an automated testing tool using C# integrated with Selenium WebDriver.

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Abstract: In the current context, automating the web system testing process is becoming increasingly important to enhance product efficiency and quality. This topic focuses on building an automated testing tool using the C# programming language combined with Selenium WebDriver. The goal is to create a flexible and easily integrable solution for executing test scenarios across various web applications. Through theoretical research and application implementation, the topic will provide a robust system to support the software development process. The expected outcome is to enhance automated testing capabilities, thereby improving product quality and reducing development time.

Keywords: Automated testing, C#, Selenium WebDriver, Software development, Automation