

Software unit testing with NUnit

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Abstract: In software development practice, ensuring system quality through testing is extremely important. This topic focuses on Unit Testing using the NUnit tool in .NET programming to address the problem of improving the efficiency and accuracy of the software development process. Through theoretical research and experimentation, the topic will build standard test patterns for basic system functions. The expected result is that applying NUnit in the project will significantly improve code quality and shorten product development time.

Keywords: Unit testing, NUnit, .NET, Software development, System quality