

# **Applying black-box testing techniques to test the content of medication management software.**

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**Abstract:** This topic focuses on applying black-box testing techniques to evaluate the content quality of medication management software in practice. The objective is to build an effective testing system to detect potential errors and ensure the reliability of the software system. The research method combines theory with experimentation, using black-box testing techniques to analyze and optimize the testing process. The expected result is to improve software product quality and enhance operational performance in the pharmaceutical industry.

**Keywords:** black box testing, medication management software, testing system, testing techniques, software quality