

Test-case design in software testing for an in-car navigation system

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Abstract: In the modern context, in-car navigation systems have become an indispensable tool. This topic aims to design and implement effective test cases for testing the software of this navigation system, ensuring quality and reliability. The research method combines software testing theory with practical application in a real automotive environment. The expected result is a significant improvement in system performance and enhanced traffic safety.

Keywords: Software testing, Car navigation system, Test case, Software quality, Traffic safety