

Building a fingerprint recognition application on the .NET platform

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Abstract: In the context of increasingly valued information security, this topic focuses on building a fingerprint recognition system on the .NET platform. The main objective of the research is to develop a solution capable of authenticating users effectively and securely using fingerprint technology. The research methodology includes both theoretical aspects of pattern recognition and experimental application design. The expected results of this project not only contribute to the field of information technology but also serve the purpose of comprehensive personal and organizational security.

Keywords: Fingerprint recognition, .NET, information security, user authentication, learning model