

Research and testing of modern online payment security solutions

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Abstract: In the context of the strong growth of e-commerce, ensuring the security of online payment transactions has become urgent. This study aims to research and propose comprehensive solutions to enhance the level of security in digital payment systems. By synthesizing knowledge from theory and practice, the study not only provides useful information about related risks but also introduces advanced technologies such as blockchain and AI for application in security solutions. The research results are expected to contribute significantly to protecting personal data and enhancing user safety in the online environment.

Keywords: Payment security, Blockchain, AI, E-commerce, Security solutions