

Digital signature and building a signing and verification program based on RSA combined with SHA hashing

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Abstract: This topic aims to address the issue of information security in online transactions by researching and implementing an electronic signature system using the RSA algorithm combined with the SHA hashing method. Through analysis and experimentation, the topic will provide an effective solution for ensuring information integrity and authentication, contributing to the promotion of digital applications in e-commerce transactions.

Keywords: Digital signature, RSA, SHA, Information security, Online transaction