NOTARIAL DEED SECURITY APPLICATION USING ANDROID BASED RC4 METHOD

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ABSTRACT

In the digital era, security problems with notarial deeds can occur due to various factors, namely security issues for important documents: Without a secure application, important documents such as notarial deeds could be threatened by unauthorized access. This could result in material or reputational losses for both the notary and the client. This application provides facilities for users to encrypt and decrypt notarial deeds in several file types, namely PDF, Excel, Microsoft Word, and images. The encryption and decryption process in this application uses the RC4 method. In this application, users can process notarial deeds which will be encrypted according to the type of document file they have to obtain files that are encrypted and ready to send or exchange notarial deed data. The results of the application will display the history of the encrypted document, the date when the file was encrypted and the token on the file for the decryption process.

Keywords*: Notarial Deed, RC4, Encryption, Decryption, Token.*