

Abstract

Technology surely improves so fast for these last few years. And Android becomes one of the most popular platform that people often use. As the more people use this platform, the security system must be improved as well. It needs a encryption and decryption that secure enough and also lightweight so it won't slow down the device. One of the alternative is using Twofish Algorithm. In this final project, Twofish algorithm is used as an encryption to SMS (Short Message Service) in Java programming language.

Keywords : *Cryptography, encryption, decryption, Twofish, Android, SMS*