

Title: SMsg(Secure Message) An SMS Encryption Application For Android Using AES Algorithm

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ABSTRACT

Mobile application is commonly used in every mobile phone nowadays that most people feel uncomfortable without any cell phone. Aside from giving entertainment to any mobile users, some of the applications can give securities which can be very useful for any privacy. Most of the mobile application being used in this generation makes the life of every mobile user secure, easy and comfortable. Short Message Service or SMS is mainly used by all the people around the world because of their mobile phones or smartphones. This service is a great help in the society because of its capability to help people communicate with each other. However, there are some people who want to keep their private messages to others, especially if some top-secret information was involved in their communication. This study portrayed the analysis, design and implementation of the “SMsg (Secure Message) An SMS Encryption Application for Android Using AES Algorithm” that will restrict the leakage of the private messages to other people. In other words, this will hide any private messages by means of encryption and can be decrypted if the user provides the correct private key to decrypt and show the real content of the encrypted message. Thus, ensures the high-end security of all the private communication of every user.

Keywords: Mobile Application, SMS, Encryption