Implementation of Encryption System by using Tiny EncryptionAlgorithm (TEA)

Thin Wai Wai Naing, Khaing Khaing Wai
University of Computer Studies, Yangon
thinwai2.twwn@gmail.com,
khaingkhaing.73@gmail.com

Abstract

The messaging system has become the most popular for electronic communication in the world. This paper is intended to implement secure messaging system for electronic communication. In this age of viruses and hackers of electronic eavesdropping and electronic fraud, security is paramount. A cryptographic system (or a cipher system) is a method of hiding data so that only certain people can view it. A cryptographic system typically consists of algorithms, keys, and key management facilities. There are several algorithms to choose from that vary in the security they provide, their size, the time it takes to encrypt or decrypt a block of data. In this system, message transmission security is controlled by tiny encryption algorithm (TEA).Tiny Encryption Algorithm is short program will run on most machines and encipher safely.