

## **IMPLEMENTATION OF TRANSPOSITION VIGENERE CIPHER IN TEXT ENCRYPTION**

### **ABSTRACT**

The rapid development of information technology has provided such great benefits. With the existence of sophisticated information technology, distance and time are no longer a significant obstacle. One of the results of information technology is the process of sending data or messages. In this final project, an application is developed to modify the message into ciphertext so that the message is not known to others. In the process the message will be encrypted using the key entered by the user. And for the recipient of the message in the decryption process, it uses the key used in the encryption process of the message. The method used in the encryption process is the Transposition Vigenere Cipher which uses two encoding techniques, namely transposition and substitution.

**Keywords:** Information Technology, Messaging, Encryption, Decryption, Transposition Vigenere Cipher.