DEVELOPING AN APPLICATION FOR ENCRYPTION AND DECRYPTION OF STILL IMAGE FILES

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ABSTRACT

This project aims to develop an application that allows user to encrypt and decrypt still images such as jpeg, gif, and bmp. Those type images file are selected because the encryption and decryption techniques used are different from each other. Therefore, the project can focus in depth towards the file formats that are selected. User just need to select the desire picture that needed to be encrypt and press the encrypt button. Once the button had been pressed, the image will be encrypted and a key will be generated. User need to remember the key because the key is use to decrypt the image. This application that is run in windows platform helps user to prevent unauthorized person to view their private pictures. Only the person with the key can view the picture correctly. A research will be done in cryptography, encryption and decryption techniques. This is to find out the strength and weaknesses of the various encryption and decryption techniques. This application will be coded using object-oriented programming languages.