

Figure 8: The hybrid data decryption

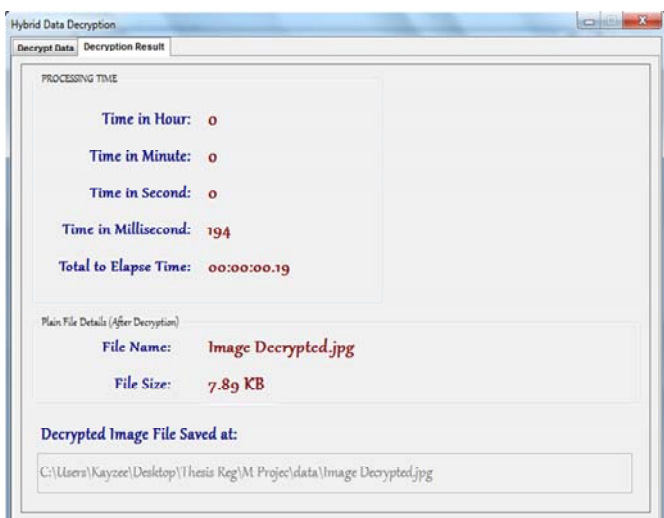


Figure 9: Hybrid data decryption result

4. Conclusion

The development and implementation of a graphical user interface (GUI) for our developed hybrid cryptography technique have been presented. This paper has shown how the developed GUI was used for encrypting and decrypting a biomedical image using the combination of DES and RSA algorithm. It can be inferred from the result presented that the developed GUI provides a friendly user environment for encrypting and decrypting biomedical signals successfully. It also provides the user the opportunity of selecting encryption algorithm of his choice to encrypt and decrypt data.

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