Abstract

Secure online payment is one of the important issues in today’s world. Online payment system as part of our daily routine life activities, gives many operation that remotely reduces human effort and make life easy in banking, online shopping, bill payments and ticket booking etc. In this proposed method present a secure online payment system which is based on two level security approaches. This proposed method presents a secure online payment system which is based on two level security approaches. In the first level Account number and OTPs are inserted in a image and the image is reshuffled and embedded into a cover image and then sent to receiver end. In encryption, information is transformed in such a way that it cannot be detected by hacker. Performance parameter result like PSNR and MSE in proposed method show good result in terms of visually. Some method shows good PSNR and other parameters but visually do not show good pixel values. Proposed Scheme shows good result in terms of visually as well as standard parameters.

References


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Index Terms

Computer Science  Security

Keywords

Online banking, PSNR, MSE, one time passwords (OTP)