An Evaluation of Data Security for Telemedicine Application Development

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Authors:
Hetal N. Rao
Manoj Pandya
K M V V Prasad

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Abstract

Digital Communication has made the data transfer and data communication very fast, easy and efficient. In the field of the data security several techniques are used right from the years ago. This includes Cryptography, Steganography and Watermarking techniques. This paper includes the review and comparative analysis of all these three techniques for the field of Image Processing focusing to the Medical Images. As for Healthcare field, security of data is more sensitive and important, we are analyzing for the most suitable technique for this purpose. This review is initial part of the research for developing the application of data security using efficient algorithm that follows the specific and robust transformation technique useful in Telemedicine field.

References

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- Chapter-13, Steganography and Watermarking, IV054, ppt.

Index Terms

Computer Science  Security
Keywords
Cryptography  Steganography  Watermarking  Copyright Protections  Intellectual Rights