Abstract

Cryptography is an art of secret writing that provide protection from unauthorized access. This paper discusses about the several databases attacks and proposes a new methodology for enhancing password security during Sign-In of account. This designed methodology is termed as “three step encryption algorithm (TSEA)” whose function is to provide a high level of security on the time of accessing account. The complete working of this designed methodology is based on automatic hash address generation. The main focus of this paper is to improve the overall quality of service for right person at a right time in a procedural manner.

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**Index Terms**

Computer Science  
Security

**Keywords**