Abstract

Mobile phones are most common way of communication and accessing internet based services. Currently, mobile phones are not only used for regular data communication but also, sending and receiving sensitive data. However, the security of mobile communication is very important concerns for mobile phone users. In this paper we first proposes new payment system with mobile banking, using certificateless chameleon hash function which does not suffer from the key escrow problem. The proposed scheme is secure known key attack, key compromise attack and unknown share key attack. Also proposed more efficient and low computational cost compare the [11].

References


Mobile Banking System based on Certificateless Chameleon Hash Function


Index Terms

Computer Science

Wireless
Keywords
Chameleon Hashing; Certificateless Cryptography; Mobile Banking