Abstract

The PIN based single level authorization of Mobile Payment System suffers several security leakage problems. Integrating biometric identifier as one more level of authorization increases the robustness of the payment system. But as mobile device and wireless network has certain constraint, so it is not possible to use any biometric identifier for authentication. This paper presents a comparative study of using different biometric identifier in authorization process of mobile payment system, in context of developing country like India. In this paper we discussed the possible integration of face, fingerprint, iris, keystroke dynamics and voice as possible biometric identifier.
Comparative Study of Different Biometric Authorization for Mobile Payment System

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Index Terms

Computer Science Security

Keywords

Biometric Identifier M-commerce Mobile Payment Multi-level Authentication