Abstract

This paper aims at creation of secure online voting system providing biometric security. Online voting system used for government elections. Online voting system is publically available system so there are various types of attacks to hack this system. Propose a new secure online voting system by using biometric and steganographic authentication. The vote casting and recording also secure using homomorphic encryption, blind signature to solve the problem of voter votes hacking and destroying system. Here an image based and biometric authentication is used. Use of homomorphic technique encrypts the casted vote stored securely in vote casting and recording server. Also the system is very user friendly. It is reliable system for outside voters.

References


Index Terms

Computer Science Security

Keywords

Homomorphic encryption, blind signature biometric security, steganography.