Abstract
Now a day's security is inevitable in each aspect. There are some existing systems like smart cards, biometric etc. but they are vulnerable. These smart cards are meant to be carried and presented accordingly. Thus the user is entrusted with a responsibility of caring for the card. In biometric like fingerprint scanner, injury to the fingers of the user may result in the failure of the system. In retina scanning systems, if user suffers from diseases like cataract, diabetes then it causes slight deformation in retina, resulting to the failure of the system. By considering above flaws in systems the level of security is increased in the proposed system by using QR Code with Iris recognition. QR-Code is portable and can be used securely in untrusted computers. QR-Code is extremely secure as all the sensitive data stored and transmitted is encrypted, but it is also easy to use and cost-efficient solution. Iris doesn't get affected throughout the life of human being. By understanding the vulnerability of the existing system, a new two level security system is proposed. This system takes the best suitable characteristics of both iris and QR code; this enhances the isolation of the system.

References

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Index Terms

Computer Science

Security

Keywords

Qr Code  Iris Image  Webcam.