

PADLOCK: AN INNOVATIVE METHOD OF ACCESSING CONTROL FOR HOME SECURITY

ABSTRACT

Security systems are often being breached by intelligent thieves and hence there is always a the need of new methods to be invented to provide proper security to the homes and also anywhere else. Use of innovative technologies will improve the security to a great extent till the technology becomes open to all. The aim of this paper is to provide the door access control and security by using Biometrics. Basically the paper is divided into two categories: one for the owner and the other for the guest. Automation offers lifestyle improvement through the combination of various systems into a unified, familiar, intuitive and non-threatening solution. In perspective of safety and the urge to live a more comfortable life, it is anticipated that more people will prefer to choose the smart homes solution in the future, for the range of benefits that is offered. Facilitating the remote-control of household appliances and the home environment along with sophisticated security schemes through biometric identification technologies like thumb expression is a promising way to establish futuristic home-environment which comprises of both security and comfort simultaneously.

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