



Efficient Home Security System based on Biometrics and Keypad System

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Abstract : Nowadays people are facing many problems about security in all over world, at the present time security is the most important issue in the world. Security gets more significance in recent years. Door lock security has distorted a lot from the last century and will be altering in coming years. A door lock system consists of RFID reader for user authentication, touch LCD, motor module for opening and closing the door, communication module, and control module for controlling other modules. Biometric sensor is used to sense the fingerprint and is validated for authentication. If the fingerprint is matched, the door will be opened or otherwise the buzzer connected to micro controller will be activated. So the people near the surroundings will get an alert.

Keywords : Biometrics, Home Security, RFID, GSM Modem, Micro controller.