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DOOR LOCK SECURITY SYSTEM

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ABSTRACT

Security is becoming an important issue everywhere nowadays. Every person wants his house, factory or bank to be secured. House security is becoming necessary as the possibilities of intrusion are increasing day by day. In this paper, door security system has been designed that has a unique feature . Arduino was used, which is considered one of the modern programmable device and we also used HC-05 wireless Bluetooth transceiver so as to control door Here, this project uses Arduino as it's controller and HC-05 as a communication link between mobile application which we download from playstore, arduino Bluetooth controller and 4x4 keypad . This project aims to develop a door security system using bluetooth module and keypad are continuously received and processed by Arduino UNO board which act as microcontroller unit.The Bluetooth module HC-05 is used to control the door through the application door developed by us ,thus the system ensures home safety as well as security.