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(57) Abstract :

This innovation is mainly based on the advanced security system with specially designed smart security lock system. This smart lock is connected with the NodMCU ESP8266 microcontroller which sends alert to the owner in form of sms or email about the door status. Microcontroller, CCTV camera, hardware devices all are connected with the IoT platform. The smart lock senses the status of door in the non working hours, when the door is opened then the circuits also opens, at this time NodMCU ESP8266 gives 0 value to the server. Cayenne server plays major role in protecting theft since it gives alert to the owner about the theft. Specially designed video cam software can able to play real time video during the theft and the owner can take actions accordingly.

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