

Digital door lock system :

❖ Based on a software
ZigBee

- Wireless sensor network
- Keyless system

❖ Why zigbee



Smart home



Home automation system :

Gives :

- Remote/automatic control of things around home and much more
- Takes care of mundane activities.
- Giving you enough time in indulging in other activities.
- Connecting various gadget..e.g fan,ventilator etc

Operation of smart digital door lock:

- The way how smart digital door lock works...
- Works on two communication modes
- ***Centralized mode***
- Takes the control of overall communication in the network and sensor nodes acts accordingly as door instructed.
- ***Emergency mode***
- Respective action is taken in all emergency situations..... Leaving of water for fire.etc...

MODES OF OPERATION :

There are three modes of operation :

➤ Outgoing..

- Door lock is last thing which user can do leaving the home.
- Message will be display on the screen.....

➤ Incoming..

- Give us flowchart of all incoming events (e.g) entry of some one and user will inform through sms/mms

Modes of operation

- Emergency..
- Activation of sensor during emergency mode
- Inform user through SMS/MMS
- Quick response of emergency action