

# Build a smarthome in thinkercadwith 2 sensors,an led,buzzer and submit it

Abstract : **Home automation** is [building automation](#) for a home, called a [smart home](#) or **smart house**. A home automation system will control lighting, climate, entertainment systems, and appliances. The data is then used for monitoring, controlling and transferring information to other devices via the internet. This allows specific actions to be automatically activated whenever certain situations arise.

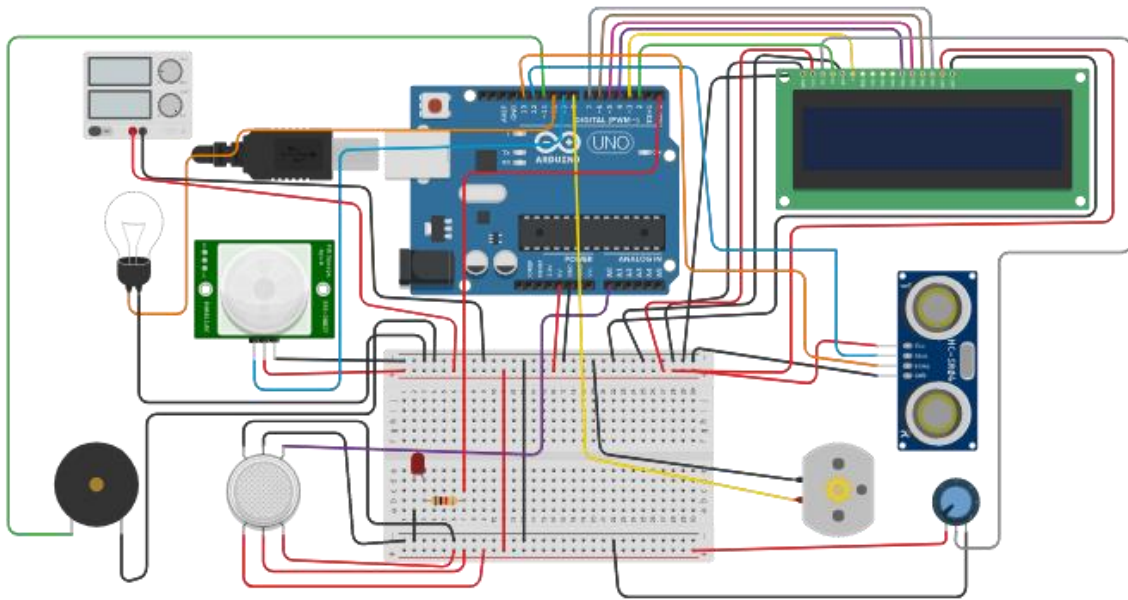
It may also include home security such as access control and alarm systems. When connected with the Internet, home devices are an important constituent of the [Internet of Things](#) (“IoT”).

Wireless **home automation works** by deploying low-power equipment that can send and receive information

Advantages of Home Automation are:

- Flexibility for new devices and appliances.
- Maximizing home **security**.

Build a smarthome in thinkercadwith 2 sensors,an led,buzzer and submit it



- Remote control of home functions.
- Increased **energy** efficiency.
- Improved appliance functionality.
- Home management insights. etc.,

**COMPONENTS USED:** Arduino Uno R3, PIR sensor, bulb, breadboard,DC motor,connecting wires.