# ***What is home automation system***

**Home automation or domotics is building automation for a home. A home automation system will monitor and/or control home attributes such as lighting, climate, entertainment systems, and appliances. It may also include home security such as access control and alarm systems.**

# ***Requirements for home automation system***

**Having a smart home is quite easy. To do this, the user needs to have a home automation installation (wired or wireless) and Internet connection in the home. This will allow them to connect all appliances and devices in the home to the Wi-Fi network to send and receive information throughout the system.**

**All these devices communicate with the home automation system, where the control panel is. Users can configure the software options to meet their needs, although this already includes many pre-established tasks such as turning on or off home appliances, lighting devices, etc.**

# ***List of requirements for home automation systems***

HOME SECURITY

DOOR LOCK

CCTV

MOTION SENSORS

HOME SAFETY

SMART DOORBELL

SMOKE DETECTION

FLOOD DETECTION

SENSOR LIGHTING

AESTHETICS | AMBIANCE

OUTDOOR LIGHTING

GARDEN LIGHTING

LED STRIP LIGHTING CONTROL

ENTERTAINMENT

OUTDOOR SOUND SYSTEM

OUTDOOR TELEVISION OR THEATRE

CONVENIENCE

GARAGE DOOR

AUTOMATION

GATE AUTOMATION

VOICE ACTIVATED VIRTUAL ASSISTANT

TEMPERATURE

OUTDOOR CLIMATE CONTROL

MOTORISED BLINDS | SHUTTERS | SKYLIGHT

MAINTENANCE & UPKEEP

GARDEN WATERING SYSTEM | IRRIGATION

POOL PUMP CONTROL

CONVENIENCE

AUTOMATED BLINDS OR CURTAINS

AUTOMATED LIGHTING

VOICE ACTIVATED VIRTUAL ASSISTANT

WALL MOUNT FOR IPAD

ENTERTAINMENT

SOUND SYSTEM

TELEVISION OR HOME THEATRE

TEMPERATURE CONTROL

CENTRAL AIR-CONDITIONING

HEATING