

L 3 NIT

WEEK 3 IoT system Installation HOME ACTIVITY

WRITE AND WORKOUT USING YOUR BACKSIDE OF YOUR NOTEBOOK

Home sweet home—there's nothing like it! Our homes can be made smarter using the Internet of Things (IoT)—a system in which computing devices are connected over a network using unique identifiers (UIDs), and which can transfer data without the need for any human-to-human or human-to-computer interactions. These IoT devices can be used to automate our homes also.

Task 1: State and explain how these IoT devices can be used for securing your home

The basic ones are:

1. ***Wall switches.*** .
2. ***Voltage sensors.***
3. ***Energy monitors.***
4. ***Thermostats.***
5. ***Smart door locks.***
6. ***Air-conditioners.***
7. ***Surveillance cameras.***

Task 2: I want you to watch and analyze the following video for **Smart home automation system using IOT** and write down how the system works by indicating all devices/components used to implement and install his IoT system

(atleast 2pages)

Link: <https://www.youtube.com/watch?v=pfc1IoTOn8s>