

Digital home using Sensor and Internet of Things

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Abstract— Technology development is a paving approach for automation to be made to the present machines resulting in the new technology referred to as the internet of Things. Things get connected with one another over the web that reduces human workload. The house is constructed with electrical devices for a comfy living style. But, the devices are operated manually within the home. Home devices are still turned on even person leaving the home with not knowing of devices' status. Hence, users ought to come to the home to prevent the devices. It ends up in wastage of human energy, power, and devices lifetime. This paper is projected to implement the digitally and smartly controllable home that controls the devices from remotely situated locations all over the network. The experiments are conducted to implement the automation by using Arduino Uno controller with node MCU and operates the devices using android applications through mobile phone. This analysis work is proposed to cut back human employment and reduce electricity consumption.