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**Internet Controlled Switch**

**Theory:**

The internet-controlled switch is a digital switching system where a microcontroller circuit is connected to a local network by Wi-Fi, LAN, or others connectivity mediums. But, Wi-Fi network is commonly used for it. This local network is connected to the public network with a public IP address to access the switch through the internet. The microcontroller unit acts as a server. The end-user sends the switching request using web browser or mobile application and it receives the request and switching the associated relay module by passing the high and low voltage by its digital pin.