

Capsense Technology based Home Automation

Home automation refers to the use of computer and information technology to control home appliances and features. Systems can range from simple remote control of lighting through to complex computer/micro-controller based networks with varying degrees of intelligence and automation. A touch panel is interfaced to the Arduino on transmitter side which sends digital data commands to the receiver where loads are connected. By touching the specified portion on the touch screen panel, the loads can be turned ON/OFF remotely through wireless technology. There is a decoder connected to the other end, which decodes the data and do the work according to the command. Moreover this project can further be developed by creating an application thus making it more advanced and IoT based. Thus sitting at one place one can control the home appliances.

