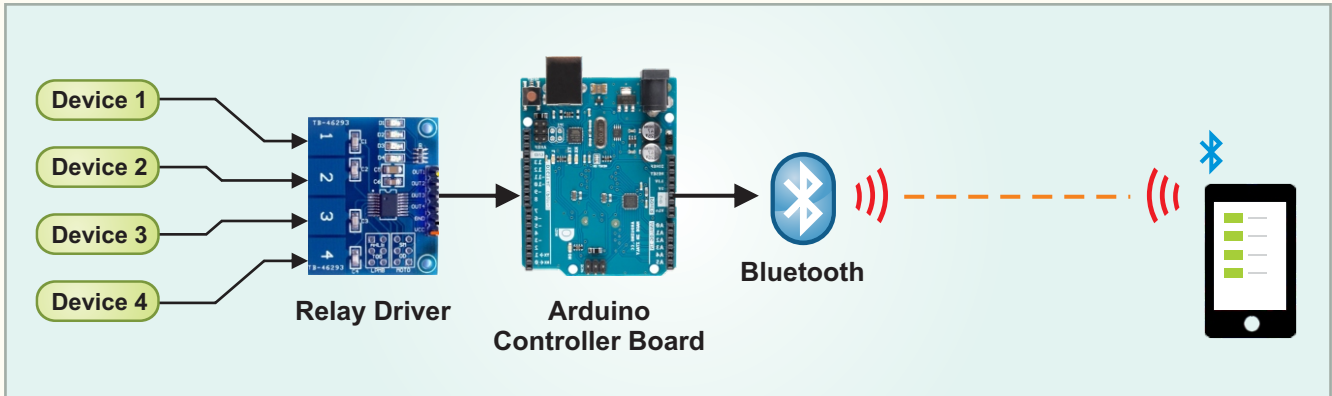




SMART REMOTE HOME IOT TRAINER

MODEL- S-HOME-IoT100

This trainer has been designed with a view to provide theoretical & practical knowledge of Smart Home IoT .



The UNO ATMEGA328 is used to control the devices. An program is pre written into the UNO ATMEGA328 which is programmed according to our need. The UNO ATMEGA328 is then interfaced with the relays. Android App will send a serial data to the UNO ATMEGA328 via the Bluetooth interface. The UNO ATMEGA328 does the task assigned to it. The part of Android GUI is solely to provide user interface which when interrupted sends data to UNO ATMEGA328.

SPECIFICATIONS

1. Hardware
 - FT232 breakout board : 1
 - RDL UNO Atmega 328 : 1
 - Bluetooth Relay Shield : 1
 - 12V, 2A DC adapter : 1
 - USB A to B cable (M to M) : 1
 - Modified 4 socket Switch Board : 1
 - 2 Pin Bulb Socket : 2
2. CD/DVD containing codes and documents : 1
3. User Manuals with Circuit Diagrams and Connection details

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