**Smart Home Automation**

**Description:-**

In this project we control our home appliances with the help of our smartphone by using an app in our smartphone remotely with the help of Bluetooth.

**Requirements:-**

->In this project we use some hardwares like Arduino Uno(Microcontroller), HC-05 Bluetooth Module, Relay Module, LED Light and 220V Power source.

-> In this project we use some softwares like Arduino IDE and Arduino Bluetooth Connection app.

**Connections:-**

*Arduino with Bluetooth Module*

|  |  |
| --- | --- |
| **Arduino Uno** | **Bluetooth Module(HC-05)** |
| 5V | VCC |
| GND | GND |
| 0 | TXD |
| 1 | RXD |

*Arduino with Relay Module*

|  |  |
| --- | --- |
| **Arduino Uno** | **Relay Module** |
| 3.3V | VCC |
| GND | GND |
| 13 | IN |

*Relay Module with Appliance(LED Light) and Mains Supply*

Relay Module

COM

NC

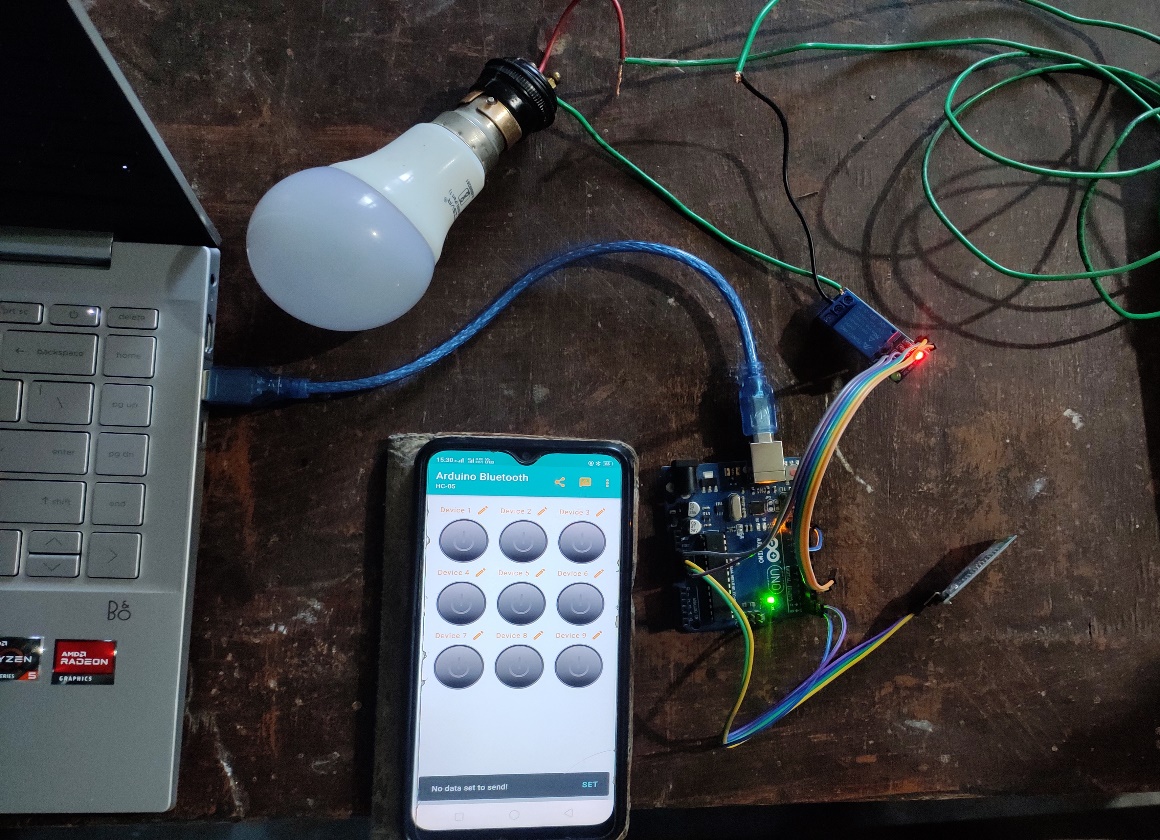
NO

To LED Light To Mains Supply

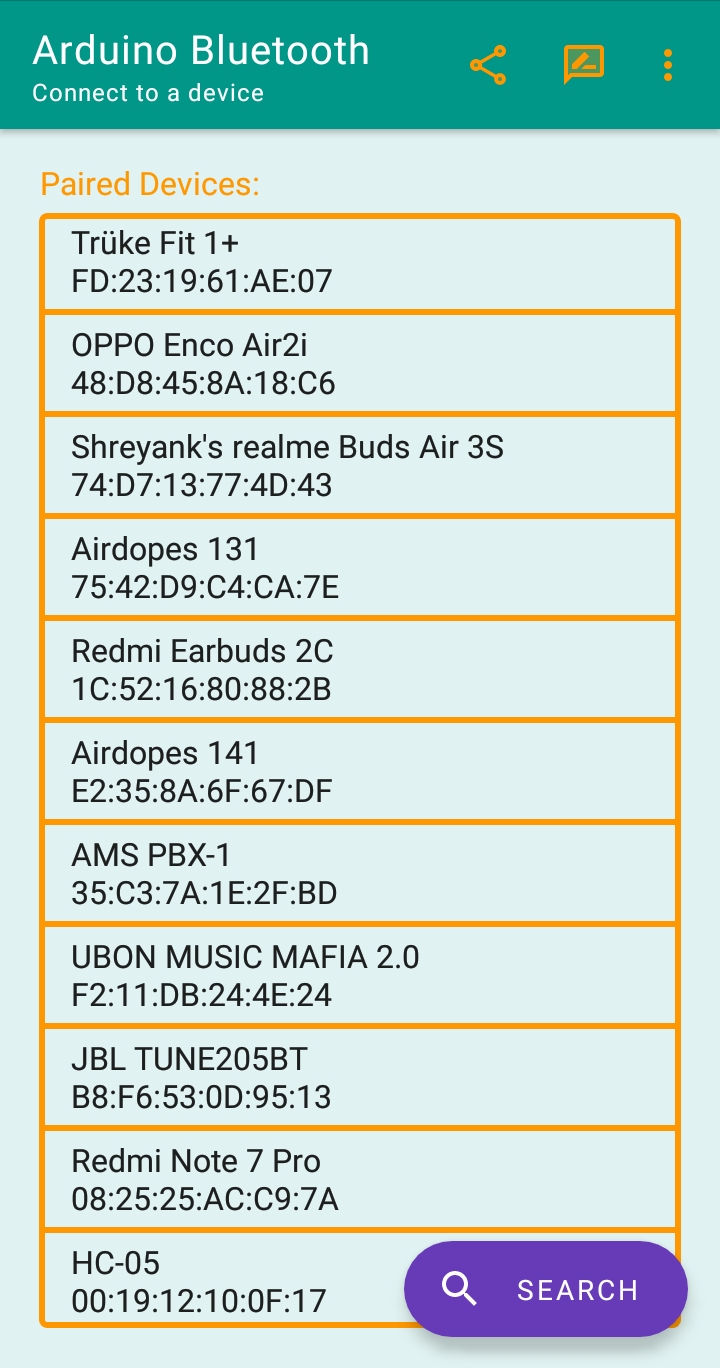
**Some Snaps and Screenshots of this project:-**

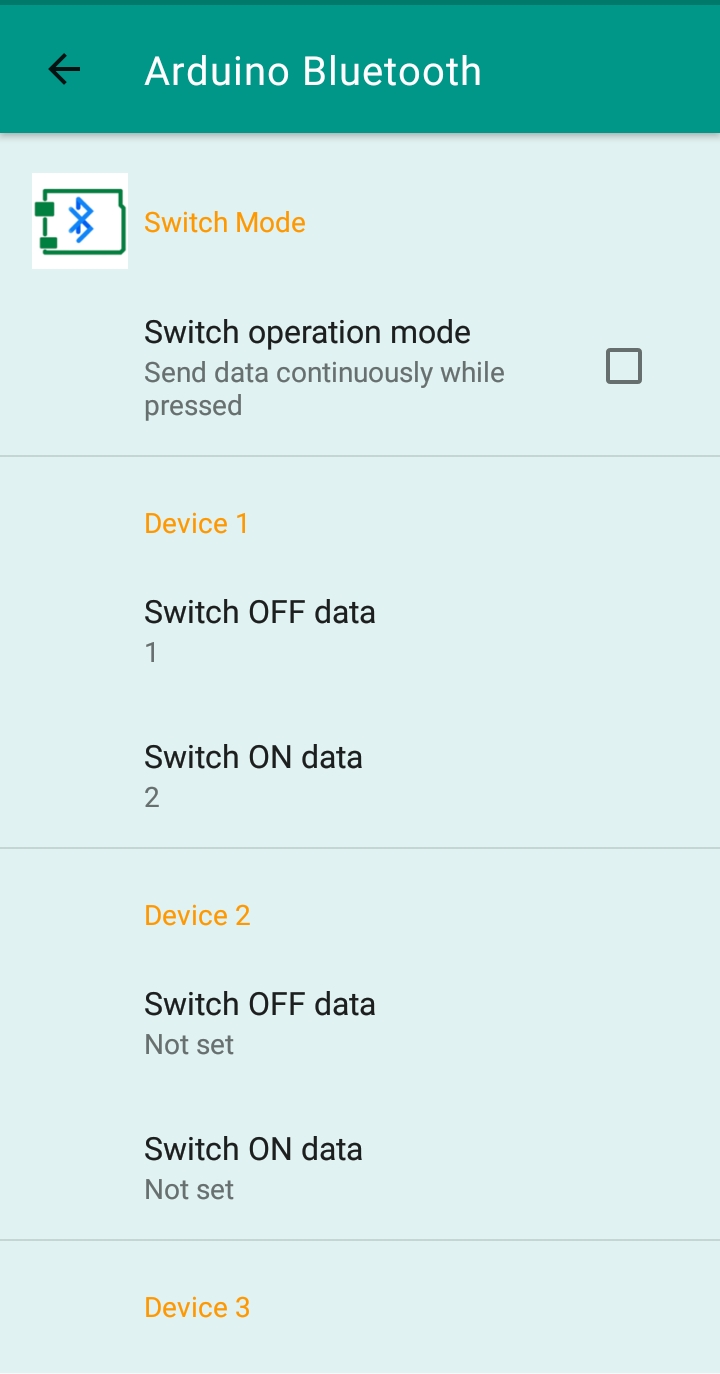


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