



ULAB
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BANGLADESH

Project Name

Voice Activated Home Automation

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Voice Activated Home Automation

The concept of Home Automation is gaining popularity as it helps in reducing human effort and errors and thus increasing the efficiency. With the help of Home Automation system, we can control different appliances like lights, fans, TV, AC etc. In this project, we have designed a Voice Activated Home Automation system, where different appliances are controlled by sending a Voice Command.

Components Required

- ✓ Arduino UNO – 1
- ✓ HC – 05 Bluetooth Module – 1
- ✓ Smart Phone or Tablet – 1
- ✓ 2N2222 NPN Transistor – 4
- ✓ 12V Relay – 4
- ✓ 1 K Ω Resistor – 4
- ✓ 1N4007 PN Junction Diode – 4
- ✓ Power Supply
- ✓ Connecting Wires
- ✓ Breadboard (Prototyping Board)
- ✓ App for transmitting voice to Bluetooth

Circuit Diagram

