HOME
AUTOMATION
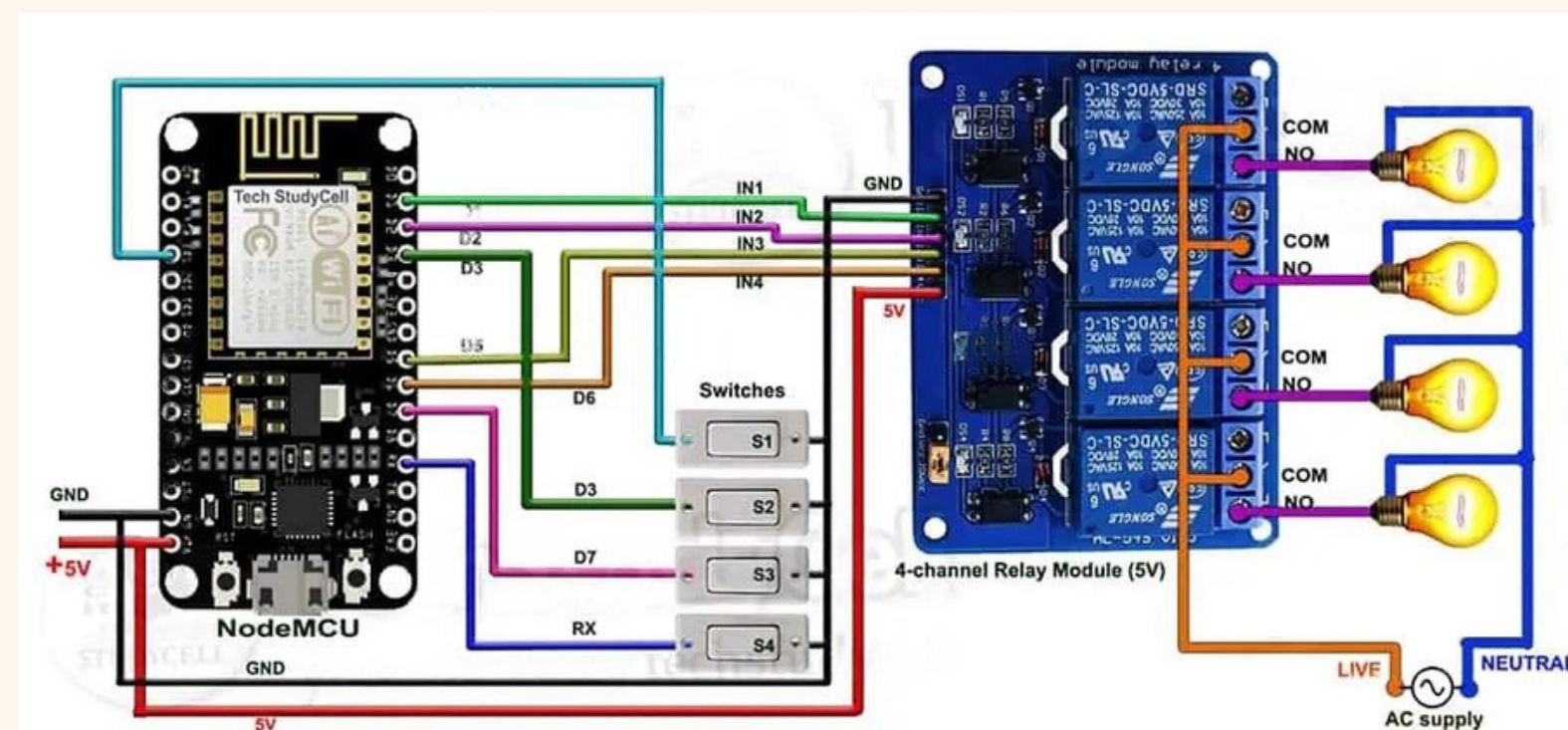
Objectives:

- ✓ Energy efficiency
- ✓ User friendly
- ✓ Seamless Integration
- ✓ Virtual Reality Home Control
- ✓ Secure and safe

Block Diagram:

Hardware components:

- NodeMCU
- 4-channel 5V SPDT Relay Module
- Manual Switches or Pushbuttons
- Led Bulbs
- Breadboard,wires
- Bulb Holder

Problem statement :

- Existing home environments lack efficient control systems, resulting in energy wastage and inadequate security measures.
- This project aims to develop smart home system integrating device control, voice assistance, energy optimization, and enhanced security to simplify users' daily lives

Software components:

- Arduino IDE
- Blynk or sinric pro
- Google assistant or alexa

OUR TEAM'S:

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