

# Tutorials For Smart Connect

## Project requirements

1. Android mobile installed with MuksOS AI Launcher (latest version).
2. Desktop windows above 7.
3. NodeMCU.

## On Desktop Setup

1. Install Node.js.
2. Create project folder in local disk.
3. Open Command Prompt add path project folder and run command `npm install socket.io`.
4. `server.js` this file copy and paste into project folder.
5. Open Windows PowerShell open project folder and run command `ipconfig`.
6. Run command in PowerShell `node server.js`.

## On Arduino setup

1. Download Arduino zip file and install it.
2. Setup Arduino.ide <https://www.instructables.com/Steps-to-Setup-Arduino-IDE-for-NODEMCU-ESP8266-WiF/> copy link and setup.
3. Download drive [CP210x Universal Windows Driver](#) and paste local folder then open device manager and check port. Copy path this folder and paste then install driver.
4. Arduino.ide `Final_socket_io_client_MuksOS.ino` this file copy and open.
5. Fill your `router_ssid`, `router_password` and `socket_ip` in this sketch.
6. Compile and upload the sketch to NODEMCU.
7. Once it's done uploading, release the reset button then Open Serial Monitor.
8. Check your server is connected.

## On Mobile Setup

1. Then IPv4 Address copy and paste it your phone Launcher Setting + Smart Connect + Enter Socket Link.
2. Connect server to your phone.
3. Tech for voice command.
4. Type turn on light means send `#01` and for turning off type turn off light means send `#00`.
5. After teaching your project is ready.
6. Now let's have a try your commands turn on light and NodeMCU light will get on.