

Smart Home Project

❖ Components:

- 2 atmega 32 *microcontroller* (master & slave)
- 3 led as (room light & fan indication & air Repellent)
- Dc motor
- H-bridge
- Lcd
- Bluetooth Module

❖ How to work?

- 1- with sending 1 by mobile app room led will examined
- 2- with sending 2 by mobile app room led will off
- 3- with sending 3 by mobile app Fan will examined
- 4- with sending 4 by mobile app air repellent will examined as (the opposite direction of the motor)
- 5- with sending 5 by mobile app off mode will examined (motor off)
- 6- There is an indication lamp connected to slave to introduce SPI connection

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