

IOT Based Project

Making a Wireless Notice Board Using Arduino Software

Project Name:- Wireless Notice Board

Group Members :-

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Branch :-

CS/IT - 3rd Year

To Creating A IOT Project We Need Some Requirements :-

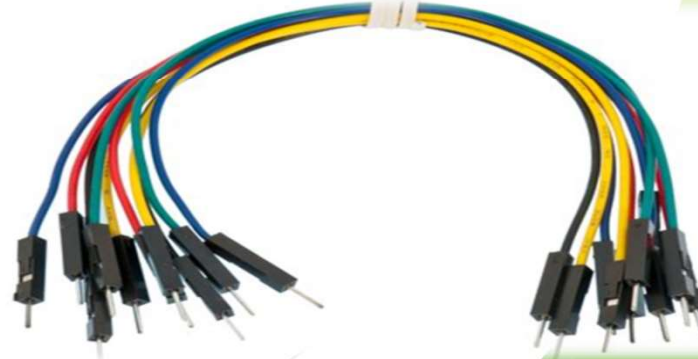
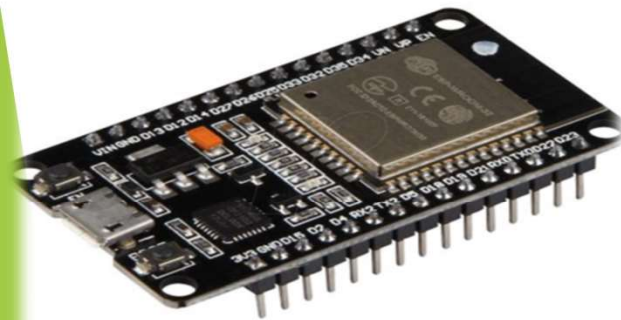
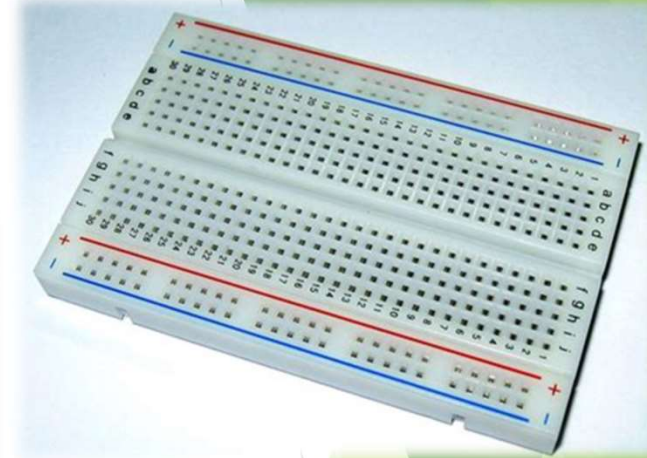
1. First we want to download Arduino Software.
2. Install Arduino software as a requirements.

SOME HARDWARES WE NEED IN OUR PROJECT :

- * Jumpers Wires (male to male)
- * Arduino Uno Board
- * Resistor (1 Ω)
- * Arduino Tool USB Connector (Micro Cable)
- * Bluetooth Module(HC 05)
- * Connector for LED Display
- * Small LED Display(16 X 2)
- * Bread Board



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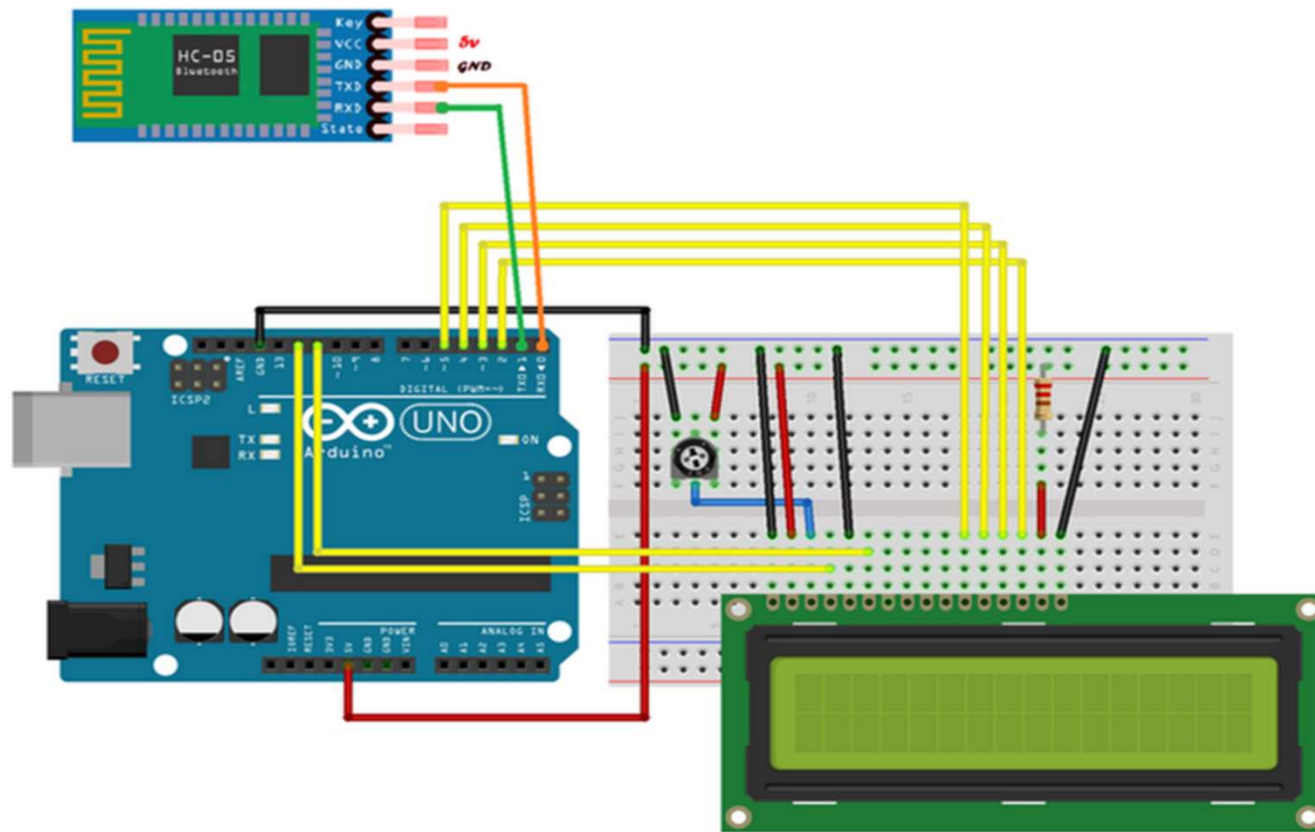


Short Description For This Project

You may have seen many conventional digital notice boards where one has to update the displayed information by manually changing the message using a keyboard or some other tool. But these notice boards can easily be converted into a wireless notice board, one such way is to use Bluetooth. By integrating the Bluetooth, the information on the LED panel can be updated wirelessly through our smartphone.

When our connection is working properly and the code of Arduino software is running correctly then the main work of our project will start. This means that after running the code correctly, whatever we type in our phone, that information will be shown on that small LED panel.

Structure Of Connecting Tools With Each Other For Wireless Notice Board :-

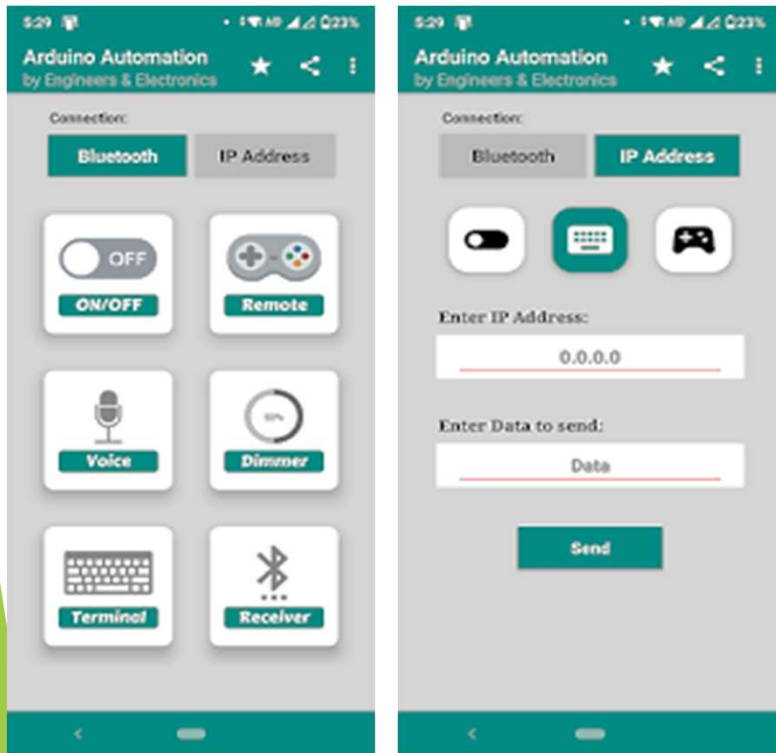


Next Step :

I have used a app from google play store called “Ardunio Automation app“:

Arduino Automation is an application that allows you to control devices using your Arduino Board (and similar boards) via Bluetooth

- 1.GO TO SETUP
- 2.PRESS THE MENU DOTS
- 3.SELECT ADD CONTROL
- 4.SELECT SERIAL OUT
- 5.SAVE FROM MENU
- 6.CONNECT TO THE HC-05 BLUETOOTH MODULE



Enjoy the fun while keeping the whole setup outside the door and just changing the data appearing on the screen using a mobile app that can be used in different perspectives.

Application Of Wireless Notice Board:

- Educational Institutions and Organizations.
- Crime Prevention
- Managing Traffic
- Advertisement
- Railway Station

Merits Of Wireless Notice Board :

- User Friendly
- Eliminates Uses of printers
- Faster means of transferring information
- Long Range

Thank You!