SPRINT 1

| Date	29 October 2022
Team ID	PNT2022TMID30020
Project Name	Project - Signs with Smart Connectivity for Better Road Safety

HARDWARE REQUIREMENTS:
- Wireless Device (HC-05)
- Node MCU (ESP8266)
- Temperature Sensor (DHT-11)
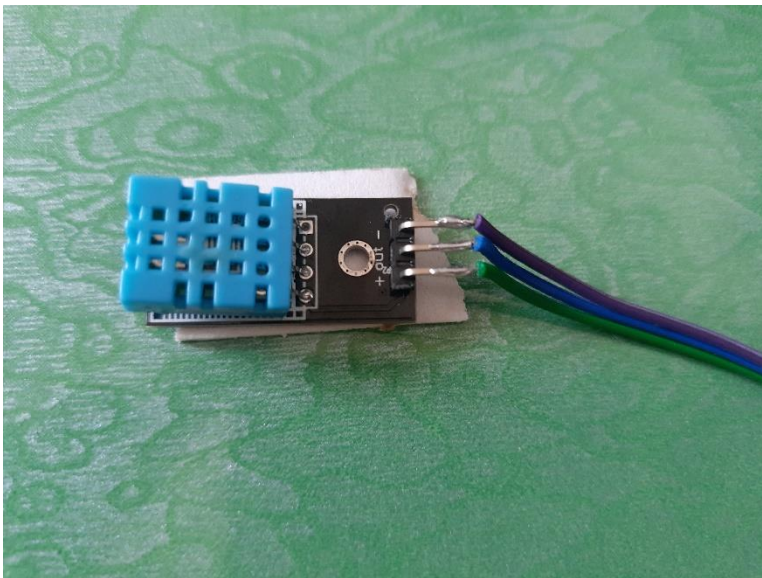
TEMPERATURE SENSOR (DHT-11):

- To fetch the real time temperature and humidity from the environment, we are using this sensor.

- (Instead of using random values we are using the real time sensor values)
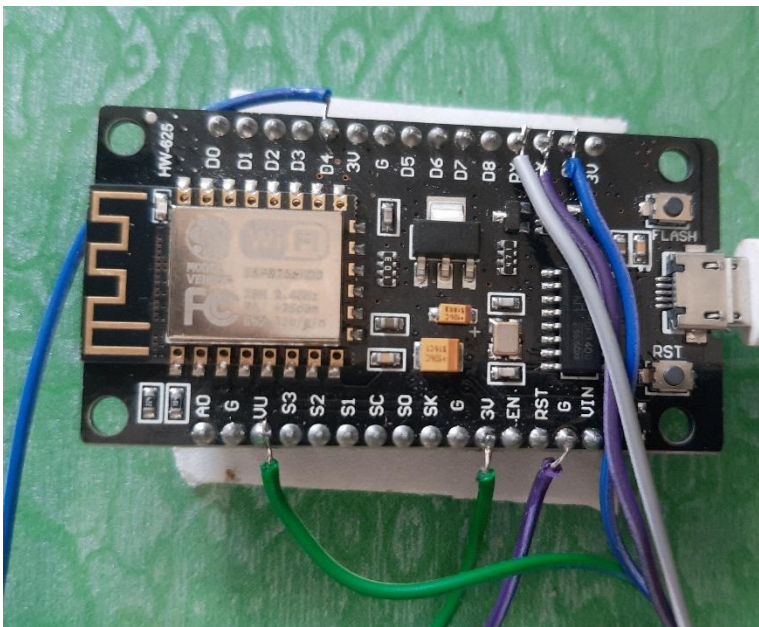
NODE MCU (ESP8266):

- It is a Wi-Fi device with micro controller, works in the range of frequency of 2.5 GHz.

- It uses application programming interface to upload the real time sensor values into the cloud database.
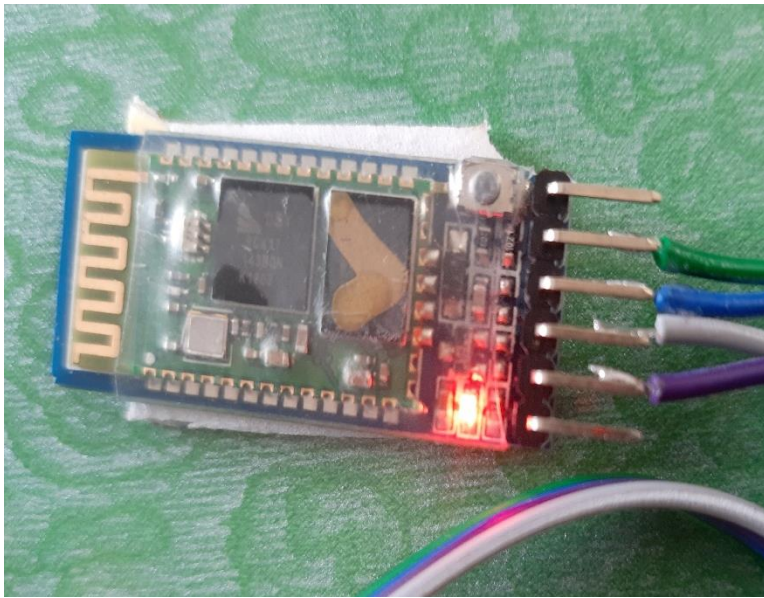
WIRELESS DEVICE (HC-05):

• The wireless device which is used for connecting the mobile application developed by MIT app.

• Here the temperature and humidity data will be viewed in app frontend design of application**.**