ABSTRACT

Temperature and humidity are factors that greatly affect the comfort for humans, not only humans who need comfort in the room sometimes living creatures such as animals and plants also need a comfortable temperature and humidity. Stabilizing the temperature and humidity using a DHT22 sensor is an alternative to making it easier for the temperature and humidity to stabilize automatically. DHT22 sensor is a sensor to detect temperature and humidity and NODEMCU ESP8266 is a microcontroller as a device that can be connected with wifi. By connecting devices to a system the development of tools to automatically stabilize temperature and humidity is created.

Keywords: DHT22 sensor, NODEMCU ESP8266, temperature and humidity