

ABSTRACT

Generally condition monitoring of temperature, humidity and gas is still done manually. For example, to determine the state of a temperature, humidity and gas should be in the room. This makes it less efficient in monitoring the state of the room. Under these conditions, one solution is to create a method of monitoring. This monitoring method is very helpful for automatically delivering information so that others can know a current information despite being in another place. in this study presents an information directly via the Internet. In a system that will be built consists of a sensor which serves to detect the temperature and humidity in the room as well as sensors used to detect gas in that space. To process the data used arduino nano. Data sent using wifi module and stored in web cloud. With the method of this monitoring, can facilitate the monitoring of temperature, humidity and gas in the room.

Keywords : Monitoring, Sensor, Arduino, Cloud Web