

Review of: "IoT Noise And Air Quality Observation System"

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Potential competing interests: No potential competing interests to declare.

The paper is interesting for novel engineers to design a simple circuit to monitor sound and gas leaks . The authors can improve this paper taking into account the following comments:

-English should be revised by a native speaker, as an example (not included all):

“The NodeMCU ESP8266 notified a signal from the sound sensor when it detects sound from any sources that exceed the maximum rate”. Check grammar and meaning.

-references are placed at the end, but they should be called from where they are used.

-some expressions do not sound correct:

“The sound sensor will pick up the sound and determine whether to go beyond its limit rate or not.” Pick up? Limit rate? Beyond?

“NodeMCU ESP8266 will send the information to the smartphone”. How?

“Thinkercad was used for this project to design a complete circuit of noise and air quality observation system.” Thinkercad?

In section 2.4 authors should mention in the text the MQ2 sensor.

In section 2.7, what reference is the sound sensor?

Figure 3.1, why an Arduino and ESP8266?

Figure 4.1 and 4.2 we cannot see the details.

The measurements in **Table 4.2**. *Result for detect leaks gas is based on what kind of sensors. I guess that are the ones shown, but no specified in the text.*