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

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Potential competing interests: No potential competing interests to declare.

This is a simple student-level project to detect noise and gas using sensors and Arduino. I guess this is not suitable for publication.

This paper proposes an IoT device to detect noise levels and gas leaks, with the data being sent to a Blink application. However, there are several major issues that make this work unsuitable for publication:

1. Lack of novelty: The concept of using sensors to monitor environmental parameters like noise and gas levels, and transmitting the data over IoT, is not new. There is no clear contribution or advancement over existing systems.
2. Inadequate technical details: The paper lacks critical details on the sensing mechanisms, data processing algorithms, communication protocols, Blink application integration, etc. Without these, it is impossible to evaluate the technical merits of the work.
3. Limited application scope: The claimed application of using this in "dangerous places like hospitals" is rather narrow and not well justified. Hospitals already have dedicated environmental monitoring systems that likely outperform this basic setup.
4. No evaluation: There are no performance evaluations, case studies, experimental results, or data provided to demonstrate the actual capabilities and usefulness of the proposed system.
5. Poor writing quality: The abstract is poorly written, lacking clarity, proper motivation, and coherent flow. It reads more like a generic project description than a research paper abstract.

In summary, this paper does not present any substantial novel contributions, lacks critical technical details, has a limited practical scope, provides no actual results or evaluation, and has substandard writing quality. It fails to meet the expectations of a research publication. I would recommend rejecting this paper and suggesting that the authors rework it significantly by adding technical depth, rigorous evaluation, clear novelty, and substantially improving the writing quality and clarity.