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

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Potential competing interests: No potential competing interests to declare.

Clarify Purpose: Clearly state the primary objective of the project early in the introduction. For example, "The primary objective of this project is to develop a system that monitors noise and air quality in real time, providing alerts for potential hazards."
Refine Grammar and Structure: The sentence structure and grammar need refinement for clarity. For instance, "An IoT noise and air quality observation system is a device designed to detect loud noises and gas leaks."
Expand on the Importance: Elaborate on why monitoring both noise and gas leaks is crucial in hazardous environments like hospitals. Provide specific examples of potential consequences.
Technical Explanation: Provide a more detailed explanation of how the system works, including how the sensors detect noise and gas, and how the data is processed and transmitted.
Application Specifics: Specify the types of gases the system is designed to detect, and mention the noise levels it can accurately monitor. This adds depth and precision to the description.
Blink Application Details: Offer more information about how the Blink application integrates with the system. Discuss how data is displayed, how users interact with the app, and any alert mechanisms in place.

Component Justification: Explain why each component (e.g., Arduino UNO R3, NodeMCU) was chosen for the project. What advantages do they offer compared to other possible components?

Testing and Validation: Include details on how the system was tested. Describe the scenarios under which the device was evaluated, and discuss the results and effectiveness in real-world conditions.
Potential Limitations: Acknowledge any limitations of the system, such as sensitivity to certain gases or noises, or any challenges faced during the development process.
Future Improvements: Suggest possible enhancements or future work, such as expanding the types of gases detected, improving sensor accuracy, or integrating the system with more advanced machine learning algorithms for better predictions.