

Review of: "Visualization of Home Security Sensor System Based on IoT Server"

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Potential competing interests: No potential competing interests to declare.

- Could you provide more details about the visualization plan of the home security system using motion sensors and gas sensors? How will the system visually represent the security status of the home? What specific features or information will be displayed through the visualization?
- In the paper, you mentioned that the research aims to provide convenience in monitoring home security when the house is empty. Could you elaborate on the specific functionalities or capabilities of the system that enable remote monitoring? How will the system communicate with the user or homeowner?
- What are the hardware and software components involved in the implementation of the home security system? Could you describe the role of IoT-based Arduino in the system? How does it contribute to the overall functionality and effectiveness of the security system?
- How will you evaluate the effectiveness of the home security system with IoT-based Arduino? What specific metrics or criteria will you use to measure its performance? Will there be any user testing or feedback collection to assess the usability and practicality of the system?
- What are the potential challenges or limitations you anticipate in implementing the home security system? How do you plan to address these challenges and ensure the reliability and robustness of the system?
- In the paper, you mentioned conducting qualitative research using an experimental method. Could you provide more details about the experimental setup and procedures? What specific experiments or tests will be conducted to evaluate the system?
- How does this research contribute to the existing knowledge or literature on home security systems? Are there any similar studies or approaches that you are building upon or extending? What unique aspects or innovations does your research bring to the field of home security?
- Based on your research findings and initial design, what are some potential improvements or enhancements that could be made to the home security system? Are there any additional features or functionalities that could be incorporated to further enhance the security and convenience for homeowners?
- What are the implications of your research for homeowners in Indonesia? How can the visualization of the home security system using IoT server benefit them in terms of crime prevention and material loss avoidance? Are there any specific recommendations or guidelines that you would provide to homeowners based on your research findings?
- Author can read the following papers to improve the quality of research:[10.1002/cpe.4946](https://doi.org/10.1002/cpe.4946),

[10.1016/j.future.2017.04.039](#), [10.4018/IJSWIS.306260](#), [10.4018/IJSWIS.300824](#), [10.3390/fi14100297](#),
[10.1109/TNSE.2022.3176407](#)

- What are the next steps in your research? Are there any follow-up studies or experiments planned to further validate and refine the home security system? What future research directions do you envision in the field of IoT-based home security systems?