Review of: "A Proposed Secure Wearable Device Payment System Based on Blockchain Technology"

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Potential competing interests: No potential competing interests to declare.

This study proposed a blockchain-based secure wearable payment system aimed at addressing security concerns inherent in wearable technology. Wearable payment systems have increasingly influenced global payment ecosystems, providing significant benefits to the banking and FinTech sectors. Blockchain technology, with its decentralized and immutable ledger, was identified as a promising solution to enhance the security and reliability of these systems. Furthermore, the paper would benefit from the inclusion of more updated references to strengthen its relevance and reliability. Integrating recent studies and findings related to the topic will demonstrate the author's awareness of current developments in the field and ensure that the paper remains up-to-date.

https://www.researchgate.net/publication/331049288_Internet_of_things_utilization_for_ehealthcare_monitoring

These enhancements will contribute to the overall quality and impact of the paper, enhancing its value to the academic community and readers interested in the subject matter. To validate the feasibility and efficacy of the proposed system, the following steps are recommended for future research:

Prototype Development

- Build a functional prototype of the blockchain-based wearable payment system, including key components such as:
  - **User Interface (UI):** Intuitive and user-friendly design to ensure ease of adoption.
  - **Security Measures:** Robust encryption, authentication, and privacy mechanisms.
  - **Networking Protocols:** Seamless integration with blockchain networks and wearable devices.

Broader Implications

- Explore how this technology can be extended to other domains like healthcare, retail, or IoT devices where wearable systems are widely used.
- Investigate regulatory and compliance considerations to ensure widespread adoption and trust in the system.

By focusing on these areas, future studies can refine and enhance the proposed system, paving the way for its successful adoption in the global payment ecosystem.