

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.

The paper seems to be written based on a general theoretical concept rather than on a real implementation. There are no details on implementation. A large portion of the paper is a literature review that mostly contains well-known materials.

The proposed concept itself is based on a common misunderstanding that by using blockchain, your data or your system is secured. It is not that simple. The real benefit of blockchain is integrity, not security in general. Blockchain itself has many limitations. It is very slow, not much data can be stored on it, and it has a scalability issue. In reality, blockchain is only suitable for very specific use cases.