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Survey Paper on :"Organ Donation Using Blockchain"

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Abstract: *Organ donation is a critical issue that requires a secure and efficient system to ensure the timely and effective transfer of organs from donors to recipients. The traditional organ donation system is centralized, which leads to several challenges such as lack of transparency, fraud, and mismanagement. To address these challenges, blockchain technology can be used to create a decentralized and secure organ donation system. In this paper, we propose a blockchain-based organ donation system that enables real-time tracking of organs from donors to recipients, ensures the privacy and confidentiality of donor and recipient information, and provides a transparent and auditable system for all stakeholders involved in the process. Our system also includes smart contracts that automate the organ matching process, reduce waiting times for recipients, and minimize the risk of errors or miscommunications. Overall, our proposed blockchain-based organ donation system offers a promising solution to the challenges faced by traditional organ donation systems and has the potential to significantly improve the efficiency and effectiveness of organ donation processes.*

Keywords: Organ Donation, SHA, Blockchain, Etherium

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