

Donation Based System using Blockchain

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Abstract: *A donation-based system using blockchain technology can provide transparency and accountability in charitable giving, addressing concerns about the misuse of donated funds. The system would allow donors to contribute directly to specific causes or organizations, with each transaction recorded on a public blockchain ledger, ensuring that funds are used as intended. Smart contracts could be used to automate the distribution of funds according to predetermined rules and conditions, reducing administrative overhead and ensuring that funds are distributed fairly. In addition, the use of cryptocurrency could eliminate the need for intermediaries such as banks, reducing transaction fees and increasing the speed of transfers. The system would also allow for real-time tracking of donations and impact, providing donors with greater visibility into how their contributions are being used and the overall effectiveness of the charitable organizations they support. Overall, a blockchain-based donation system has the potential to improve transparency, efficiency, and accountability in charitable giving, ultimately helping to create a more equitable and sustainable world.*

Keywords: EB - Ethereum Blockchain, CF – Crowdfunding, DC – Decentralized

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