

Decentralized Crowdfunding Platform using Blockchain: A Review

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Abstract: *In developing countries, many people face difficulties in accessing financial support for higher education, medical treatment, or social causes due to a lack of transparency and trust in traditional fundraising systems. To address this issue, this project proposes a Blockchain-Based Crowdsourcing Platform that ensures transparency, security, and trust between donors and recipients. The system will be developed using Java technology with a custom blockchain framework that records every transaction securely and immutably. Each donation or fund request is stored as a block, which cannot be tampered with or deleted. The blockchain ensures that funds are used for their intended purpose, increasing donor confidence. This platform enables individuals, NGOs, and communities to raise funds efficiently while donors can track where their contributions go. It helps build a transparent, decentralized, and corruption-free crowdfunding environment to support education, healthcare, and emergency needs. The proposed solution not only simplifies the process of raising funds but also increases accountability and efficiency. By using blockchain technology, the platform ensures that funds are used only for their intended purposes, providing a reliable and fair environment for both donors and recipients in developing nations.*

Keywords: Custom Blockchain, Crowdsourcing, Fundraising, Transparency, Smart Contracts, Java Web Application, Secure Transactions, etc.

