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VoteChain: Decentralized Voting System using Blockchain

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Abstract: *A decentralized voting system harnesses blockchain technology to revolutionize the election process by enhancing security, transparency, and efficiency. Unlike traditional voting systems that depend on central authorities, a decentralized approach distributes control across a network, significantly reducing the risk of vote tampering and improving the verifiability of results. This system addresses the vulnerabilities of centralized voting, such as susceptibility to fraud, manipulation, and hacking, which can undermine the integrity of the electoral process. By utilizing blockchain, decentralized voting apps offer avmore secure, transparent, and democratic alternative, ensuring that every vote is accurately counted and the process remains trustworthy.*

Keywords: Decentralized voting, blockchain technology, election security, transparency, efficiency, vote tampering prevention, verifiability, electoral integrity, democratic voting systems

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