

# E-Voting System Using Blockchain

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**Abstract:** *Electronic voting, or e-voting, has been around since the 1970s and is better than paper-based systems because it's faster and has fewer mistakes. But there are still problems, especially making sure it's reliable. Blockchain is a new technology that could help with this. This paper talks about using blockchain to make e-voting better. It explains how blockchain can make e-voting fairer and more reliable by using things like cryptography and transparency. The paper also describes a specific e-voting scheme using blockchain and how it's been tested. Overall, it shows that using blockchain can make e-voting trustworthy and easy to check.*

**Keywords:** electronic voting, e-voting, blockchain, reliability, cryptography, transparency, resilience, efficiency, verification