Secure Voting using Blockchain Technology

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Abstract: Online voting using blockchain technology is a promising solution for improving the security and transparency of the voting process. By leveraging the decentralized and immutable nature of blockchain, online voting systems can prevent fraud and ensure the integrity of votes. This paper explores the concept of online voting using blockchain technology, including the benefits and challenges of this approach. It also discusses the various blockchain-based online voting systems that have been developed and the potential future applications of this technology. Overall, the use of blockchain technology in online voting has the potential to revolutionize the way we conduct elections and increase the confidence of citizens in the democratic process.

Keywords: Blockchain, Voting, Ethereum, Security.

REFERENCES