DECENTRALIZED VOTING MACHINE

ABSTRACT

The current voting system is facing challenges in terms of security and transparency, which can be resolved using blockchain technology. Our project aims to develop a decentralized voting machine that will be managed by a network of nodes, ensuring that the system does not depend on a centralized authority. This approach will eliminate any chances of manipulation or fraud, making the voting process more secure and transparent.

In this project, the decentralized voting machine utilizes the Metamask wallet to ensure the security and transparency of the voting process. This will be a web application that will be easy to use, with a user-friendly UI/UX design using JavaScript and CSS, that will make the voting process simple for users. With Metamask, voters will be able to cast their votes securely, and the decentralized nature of the system will ensure that the votes are not susceptible to manipulation or fraud.

The backend development of the voting machine will involve integrating smart contract technology, which will ensure that the rules of the voting process are enforced automatically. The voting machine aims to enable voters to securely cast their votes using their Metamask wallets. The voting process will be transparent and auditable, with all transactions recorded on the blockchain. The system will also incorporate smart contract technology to ensure that the results of the election are accurate and verifiable.

In conclusion, our project aims to provide a secure, transparent, and decentralized voting system using blockchain technology. This project has the potential to revolutionize the way we conduct elections, providing a more democratic and secure process for all. Our decentralized voting machine will offer a secure and transparent voting process, enabling voters to cast their votes confidently and with complete peace of mind.

KEYWORDS: Blockchain, metamask wallet, JavaScript, smart contracts

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