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(57) Abstract :
The Blockchain-Based Voting System is a secure, decentralized, and transparent electronic voting mechanism built using Ethereum blockchain, Web3, and encryption algorithms. It ensures that votes are immutable and verifiable while maintaining voter privacy. OTP-based authentication enhances security, and blockchain technology enables instant vote tallying and fraud prevention. The system addresses the vulnerabilities of traditional voting methods by providing a tamper-proof, accessible, and efficient voting experience.

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