

Advanced E-Voting System

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Abstract: *Advancements in technology have led to the evolution of voting systems, paving the way for sophisticated e-voting solutions. This abstract delves into the design and critical components of an advanced e-voting system. The proposed system integrates cutting-edge security measures, utilizing encryption, blockchain technology, and robust authentication protocols to ensure the integrity and confidentiality of votes cast. Accessibility remains a paramount consideration, with provisions made for inclusivity through user-friendly interfaces and support for diverse voter groups, including those with disabilities. Scalability and reliability underpin the system's architecture, ensuring seamless operation during high-demand scenarios without compromising performance. Privacy preservation is addressed through cryptographic techniques that dissociate voter identity from ballots.*

Keywords: Secure authentication, Encrypted ballots, Biometric verification, Voter privacy

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