Social Or Business Impact:

Electronic Voting Systems (EVS) leveraging blockchain technology have significant social and business impacts.

- **Enhanced Trust:**
  Traditional voting systems have encountered persistent challenges related to security vulnerabilities, transparency issues, and doubts regarding the integrity of results. By integrating blockchain technology into electronic voting, these concerns can be effectively addressed. The paper examines the advantages of blockchain technology, including its capacity to offer heightened security measures, ensure transparency and auditability, and cultivate trust among participants. The technical considerations and implementation challenges associated with adopting a blockchain-based approach to electronic voting are thoroughly examined. Real-world case studies and examples are analyzed to provide practical insights into the application of blockchain technology in voting systems. Additionally, the paper explores limitations and potential avenues for future research and implementation. Ultimately, this paper contributes to the understanding and adoption of blockchain technology as a means to bolster trust and integrity in electronic voting systems, thereby reinforcing democratic processes and instilling public confidence in the electoral process.

- **Reduced Fraud:**

  As a technology, blockchain is quickly becoming unrivaled. Although the Internet has long been familiar with other peer-to-peer applications for file sharing, music streaming, and more, the idea that these types of networks can provide their own security and resources has only been around since 2008. In the decade since its inception, blockchain was mostly tied to the success of the technology that created it, bitcoin.

  In recent years, however, it has quickly become a star on its own. With the rise of the world's favorite cryptocurrency, awareness of the mysterious and unique technology behind it also grew. Developers who recognized the value of blockchain are now racing to create new use cases for it and put their ideas into production.