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**Master of Science (Information System)**  
**PROJECT**

**Project Title: A SECURE ELECTRONIC VOTING  
SYSTEM PROTOTYPE**

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## **ABSTRACT**

The growth of computers and information technology over the last few years has been explosive. Computers have become necessities in virtually every area of modern life; they have brought vast benefits to fields as diverse as space exploration, artificial intelligence and a host of applications from trivial to the most life enhancing. The trend has caught on in the voting industry and E-voting systems have been developed to complement the traditional methods of voting. However, most people have refused to embrace the e-voting systems blindly and are questioning the security of the systems.

This project identifies the challenges of implementing e-voting systems, proposes and designs a secure e-voting system prototype using Kenya's general elections as the test bed and describes how the proposed system should be implemented.