

MOUNT KENYA UNIVERSITY



**SCHOOL OF PURE AND APPLIED SCIENCES
DEPARTMENT OF INFORMATION TECHNOLOGY**

PROJECT TITLE:

MOUNT KENYA UNIVERSITY ELECTRONIC VOTING SYSTEM

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ABSTRACT

This paper introduces an electronic voting system, that has security context or known as e-trusted voting system. In this study, the prototype is built based on a secured and trusted framework for electronic voting. The system allows voters to participate by using a username and password. A voter can enter the system and vote on the existing text during the election date and the voter can see the result after the end of the election date. In order to test whether the system had been fully functioning and meets the user's requirements, we have to apply the system to a sample of 20 persons and finally the prototype achieves the objective and gives us a general prototype system that provides security and trusted electronic voting.