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**MOUNT KENYA UNIVERSITY**

**SCHOOL OF PURE AND APPLIED SCIENCES**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**PROJECT TITLE: AUTOMATED OFFLINE EXAMINER**

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OF BUSINESS INFORMATION TECHNOLOGY**

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## ABSTRACT

The Information System was developed to build an inventory management system for various universities in Kenya. The Automated offline-examiner formally did not have an automated information system for doing examinations. It usually relied on manual paperwork for its activities. A need arose whereby automated system was to be developed to reduce manual paperwork and record filing system. The methodology employed was the system and analysis design method. Data collection and review was made possible by the use of observation as a tool for data gathering. Open ended interviews were also conducted to determine what the users of the existing system would like included. Questionnaires was also used as a method of data collection. For the system design, the dataflow diagram was used. Tests were done in the areas of functionality and integration of the system. The management agreed to adopt the system. They also suggested that some adjustments such as report generation be implemented.