

Mt Kenya University



SCHOOL OF PURE AND APPLIED SCIENCES

DEPARTMENT OF INFORMATION TECHNOLOGY

PROJECT TITLE:

ELECTRONIC BUSINESS MANAGEMENT SYSTEM

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This project is submitted in partial fulfilment of requirement for the Mount Kenya University award of BACHELOR OF BUSINESS INFORMATION TECHNOLOGY

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EXECUTIVE SUMMARY

Electronic Business Management System is a management discipline that focuses on improving corporate performance by managing and optimising an organization's business processes. Organizational structure is an expression of who is performing the various functions and tasks of an organization and how these people relate to one another. Everyone needs to know what they're doing. Organizational structure and design help companies to understand themselves and ideally work together to accomplish all the tasks and achieve all the goals of an organization.

Organisational structure must be based on a clear understanding of the purpose and direction of the work area: how each position contributes to the area's purpose; and the relationships between positions. Positions then need to be designed to provide clear accountabilities, relationships between positions and reporting lines. The development of an electronic business management system that satisfies all operational rules and needs in an organisation, while at the same time fulfils as many of the wishes and requirements of the staff is an important but extremely difficult task for the staff involved. The current process is prone to errors as is evident with lack of coordination, unclear roles, poor workflow and conflicting communications. Having an electronic business management system in an organization is also associated with the improvement of regulatory compliance. The project will involve data collection from all departments of the Organisation to give a clear picture of what challenges the staff is facing. Personal interview is generally recognized as the most important and most often used fact finding technique. Interviews shall also be conducted between the researcher and the staff. Once this is all arrayed the project will attempt to use a manual system to allocate each staff responsibilities to achieve using a model similar to the Continuous Improvement Process model. This shall be used as a baseline. Next an algorithm shall be developed using MYSQL whereby the project is intended to develop a Constraint Logic. The entire project should take approximately 22 weeks to complete.