

**MOUNT KENYA**



**UNIVERSITY**

**SCHOOL OF PURE AND APPLIED SCIENCES**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**PROJECT TITLE: WATER SUPPLY BILLING SYSTEM**

**BY: BETT K WYCLIFFE**

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## **ABSTRACT**

In this project, the main area of study is to analyze functionality of the current manual system and come up with a computerized system that will aid in the development of the company. This report will help the management to identify problems with the current system, prepare for the project funding, make necessary adjustments and give the go ahead for the project development to start. During this analysis the organizational functionality, problem areas and the association with external entities must be analyzed in detail. As a system analyst it is required that a cost benefit analysis must be carried out for the proposed new system to make sure new system brings the highest returns to the organization.

The main objective here is to come up with a systematic development of the new system starting with the system analysis, system design, programming, testing, implementation, training and finally changeover and maintenance. The new system too must be developed within constraints of the available resources in terms of aim at ensuring that all functionalities of the billing are automated hence eliminating the need for the manual of preparing drivers, company and owners bills