

**MT KENYA UNIVERSITY**

**SCHOOL OF PURE AND APPLIED SCIENCES**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**PROJECT: FARM MANAGEMENT INFORMATION SYSTEM**

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## **ABSTRACT**

Agriculture is the major economic activity in Kenya whereby 75% of Kenyans make their living by farming. Farming in Kenya is typically carried out by small producers who usually cultivate no more than two hectares using limited technology, such as use of fork jembes, machetes (Nationencyclopedia, 2007). Therefore, farm management is very crucial since it deals with the organization and operation of a farm with the objective of maximizing profits from the farm business on a continuing basis. The farmer needs to adjust his/her farm organization from year to year to keep abreast of changes in methods, price variability and resources available.

This report presents a project that aims to create an automated information system for small scale Farmers in order to eliminate the manual management system. With the cost of labor going up regularly, it's becoming increasingly difficult for the farmers to manage the farm therefore incurring large amount of losses. The new automated system will enable famers to easily record and retrieve records, hence facilitate in the better decision making and ultimately raises the standard of living of the farmers.