**Introduction**

This is a proposed project meant to come up with a system that is efficient and reliable in operation that will impact change in tech high school management system. The need of change as requested by the institution is brought about by the tremendous growth in technology area especially the network part that allows communication to take place to a great range of different parts of the world.

Tech high school is situated in Kenya. Is an institution that embraces change in terms of technology. Moreover, its head department decided to computerize its departments such as the examination department, games, nursing, accounts etc. this was done to curb the problem (s) that arises due to storage, inaccuracy and also inefficiency in various departments.

The school also requires regular report generation, better and clear services i.e large storage places which are secure.

**Organization overview**

The school is organized in various departments, the academic a examination department where exams are set, stored, marked and ranked. Academics focus on the overall school performance. Catering and boarding department that is concerned with the food of the school and various facilities or equipments such as tables, chairs, beds etc are kept. The nursing and accounts departments focus on the sanitation and budgetary constraints within the school.

**Problem statement and the scope of the proposal**

The institution in place faces challenges brought in by the manual system of operation in the overall system of the school. Below are some of the major cause of the problems the institution faces.

Data storage in various departments is done manually i.e records for the sick students in nursing department are recorded in books and this brings the issue of retrieving and updating records to be difficult and time consuming. Also exam results are recorded on non lasting foolscaps for storage.

School budget in various departments is also done on rough papers. the huge calculations of the of the various commodities to be bought becomes cumbersome and hectic when done by paper and pen as this is likely to bring in the issue of inaccuracy.

Also, movement of data within the institution consumes the time and energy of the members to move it to the required place a scenario that is hectic in nature.

The reports produced by various departments to the managing board of the school do not show exactly the flow of events since errors are inevitable and the methods used to present the reports are of low standards. I.e its not easy to analyze a graph given on paper drawn by a pen to show how the school has performed during the year.

The proposed management system project attempts to solve the above problems in the following ways:

Automate using computers, results process.

Implement the applications such as spreadsheets for entry and calculation of budgets in all departments.

Installation of network applications to enable data movement and communication in various departments

By use of computers report generation will embrace analysis of data.

***Description of the current system***