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DEPARTMENT OF INFORMATION TECHNOLOGY**

HOSPITAL MANAGEMENT SYSTEM:

(Case study of KIRWARA HOSPITAL)

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CHAPTER ONE

1.1 Introduction

Hospitals, medical centers and dispensaries were set up in various geographical areas in the continent to serve the locals with basic medical services. With time this concept has grown to involve and accommodate modern facilities and more personnel. As Kirwara Hospital has and is still in this process of development.

Medical health centers are organized into departments each serving a large chunk of the fast growing population. Managing the hospital data for instance in case of revisits and follow up of patient data is a big challenge especially since the records belong to a large number of patients and these records are based on the traditional and manual record entry to registers. .

1.2 Background information

Kirwara hospital is hospital located in the outskirts of Thika town, along Thika-Gatanga road. It have been in operation for a relative number of years as a health care center to provide health services to the resident of the area. It came to be in place due to locals initiatives to access health facilities in the area. For that reason, the Hospital has drastically shown feasible development as a result of demographic growth around its location. The Hospital ran its operations for instance patient information was recorded manually by writing the patient's name, age and gender on paper sheets and whenever the patients visited the hospital again his information was recorded again afresh. The forms were later filled and stored in large registers. The files kept on piling up and were destroyed after sometime to reduce the paper load in patient's registry office. Initially, the Hospital operated in a non departmental organization but as development has called for implementation of department based structured organization.

1.3 Problem statement

Kirwara Hospital had been using a manual system that created stored and managed records. Although they were able to run the hospital using the manual system, the hospital had been experiencing a number of problems. The problems were as follows;