

Abstract

This project report is about a study that was intended to develop a Patient Information Management System (PIMS) for efficient and effective healthcare management. The study was conducted in Kampala International University Teaching Hospital, in Ishaka Bushenyi. The report is divided into six chapters; and these are: Chapter one, which has the introduction and background, problem statement, objectives, significance and scope of the study. Chapter two is literature review, chapter three has the methods and tools that were used to carry out research and design the computerised system. Information technology developments for health care providers have been seen for years as the perfect supporting tools to assist in the prevention and management of these conditions. Therefore, the study was designed to take lessons from health and information systems literature and existing experience in successful implementations at Kampala International University Teaching Hospital. Case study design was chosen and the methodology included, interviews, observation and participation. After the study was conducted, it was discovered that the current manual system in Kampala International University Teaching Hospital has short comings like subjecting patients to long queues, lack of privacy for patient information, lack of efficiency and security, to mention but a few. At the end of it all, the study led to the birth of a computerised patient information management system for health care, that addresses the bottle necks in the manual system. It is therefore recommended that Kampala International University Teaching Hospital adopts the new computerised system to take advantage of the weaknesses of the existing manual system.