KABALAKA REPRODUCTIVE HEALTH CENTER

MANAGEMENT INFORMATION SYSTEM

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ABSTRACT

The Kabalaka Reproductive Health center patient's information are stored, retrieved, updated and organized manually. Problems such as difficulty of retrieving patient's information, maintaining several duplicates of filled-up forms of the patient's record, monitoring of medicine and contraceptive supplies and incomplete patient's medical records due to some files or forms that may be misplaced or lost were identified.

The objective of the study aims to develop an MIS which can provide a faster and easier retrieval of patient information; eliminate unnecessary duplicates of records; monitor medicine supplies on hand and inform user when minimum stock level has been reached; and provide reliable and accurate patients' information.

A modified Waterfall model which has 6 phases; system concept, requirement analysis, analyzing design, detailed design, coding and debugging and system testing; was used to gather the information needed in the development of the system.

Kabalaka Reproductive Health Center Management Information System was designed to store patients' information and processes securely, manage and update all new and existing information of patient, drugs, clinical supplies, billing and inventory, monitor and ensure sufficient stocks of drugs and contraceptive supplies and generate

necessary reports such as patients' information sorted by place of origin, by services availed, medicine and contraceptives sold. The system is capable of storing data in a single shared database. All data can be flexibly retrieved, selected and sorted accordingly using generate report function.

The further enhancing of the database of the system particularly in classifying medicines is recommended. Future designers can also convert the back-end from Microsoft Access to MySQL to enhance the performance of the system in terms of reliability, consistency and speed.