**PROPSAL TO INTEGRATE HOSPITAL MANAGEMENT SYSTEM**

**INTRODUCTION**

Hospital Management System is the system that gather information of daily activities of hospital and store the information for future use or reference. It help in planning and budgeting of health institution and the staff. The System has huge advantages if implemented very well. The mode of operation is very easy, and the topology design will be very scalable, flexible and upgradeable. There are many design on Hospital Management System today that manages the details of patients and other activities but might not tailored to the standard of the need for the proposed hospital. Therefore, this proposal is to design a comprehensive modulus system that can auto-manage the activities of the hospital and meet the standard of WHO.

**REASONS**

The reasons for this proposal are:

1. To eliminate the delay in searching of record
2. To ease the management of patients’ information
3. Cost-Effective
4. Reduces Scope of Error
5. Increase Data Security and Retrieve-ability
6. Improve Patient Care
7. Better Revenue Management

**OBJECTIVE**

The objective of the proposal is to design a System that can manage records of the following sections:

1. Out Patient Department
2. In Patient Department
3. Lab
4. Pharmacy
5. Nurse duties
6. Doctor duties
7. Consultant
8. Record

The System absorb the record of the above units for the purpose of future reference and accessibility of record within a short period of time.

**DESIGN**

The design of the Hospital Management System will be based on the recommendation of WHO (World Health Organization), and be customizable in such a way that it will adapt to the local system of operation.

The design will inculcate the local system with the cloud system. The internal operation will be easy and quick to access. The speed will very fast while the cloud system monitor the changes in the local system and update itself automatically. This will eliminate the fluctuation in internet system if there is.

Each of the specified unit will be able to input their record easily, either on the mobile system or desktop system. The design will be compatible with mobile system.

In the design the followings items will embedded.

1. Computer System for the input of record - This might be iPad, Laptop, tablet, desktop computer.
2. A local Server for the storing of the captured information
3. A Dedicated cloud Server for the keeping of local records
4. A Dedicated Internet link
5. Application that do the internal operation for the capturing of records.
6. Networking of the Hospital through a wireless mesh system and Fiber.

With the above listed items will can do a technical design on the operation of the Hospital Management System on approval of this proposal.

We will be glad to be invited for technical presentation of this proposal.

Thanks.