



# AMALA COLLEGE OF NURSING

## AQAR (2023-2024)



### **CRITERION 4 – Infrastructure and Learning Resources**

#### **Key Indicator 4.4–IT Infrastructure**

**Metric No. 4.4.2- Institution frequently updates its IT facilities and computer availability for students including Wi-Fi**

**SUBMITTED TO**



**National Assessment and Accreditation Council**

# **HMS IMPLEMENTATION COMPLETION REPORT**



### HMS Implementation Completion Report

#### Introduction

A hospital information system (HIS) is an element of health informatics that focuses mainly on the administrative needs of hospitals. In many implementations, a HIS is a comprehensive, integrated information system designed to manage all the aspects of a hospital's operation, such as medical, administrative, financial, and legal issues and the corresponding processing of services. Hospital information system is also known as hospital management software (HMS) or hospital management system.

#### Scope

The administrations of healthcare sector are opting IT solutions for the better management and patient care in their hospital campus. Amala Hospital selected 'Info Connections' as our HMS implementation partner and their software name is 'Homes'. Have a look at some salient features of 'Homes'.

Daily functions like patient registration, patient's chart, visits, ordering, pharmacy billing, distribution, medical history, a list of procedures, medicine administration, OT scheduling, IP discharge, monitoring blood bank, managing admission and overall management of various departments can be easily performed with higher accuracy after the installation of hospital software.

#### HMS Implementation Process

1. To conduct a meeting with Assistant Director & COO for make a project plan & select implementation partner.
2. Arrange demo for department HOD's to select best three HMS for detailed demo.
3. Arrange detailed demo for all departments HOD's, dept in charge, all team leaders.
4. Make comparison report to select implementation partner.
5. To help management for financial negotiation.
6. Provide help to implementation partner to complete the GAP analysis.
7. Arrange customized software demo for all team members with the help of implementation partner.
8. Give training to all staff & medical student in their own area.
9. First phase implementation was started April 2014 and completed September 2014.

#### Key Benefits of 'Homes' (HMS)

1. Patient registration.
2. Patient's chart.
3. Visits.
4. Medicine, Services & Consumables ordering.

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5. Pharmacy billing.
6. Medicine distribution.
7. Medical history.
8. A list of procedures.
9. Medicine administration.
10. OT scheduling.
11. IP discharge.
12. Monitoring blood bank.
13. Managing admission.
14. Overall management of various departments.

### **Implementation Steps**

1. Provide help to implementation partner to complete the GAP analysis.
2. Arrange customized software demo for all team members with the help of implementation partner.
3. Give training to all staff & medical student in their own area.

### **Thanks.**

Thanks should be given to all of the following for working on, advising on or just being plain supportive through the project.

### **Project Steering Group**

1. Director.
2. Assistant Director.
3. Chief Operating Officer

### **Project Working Group**

1. Department HOD's.
2. In charge's.
3. Team Leaders.
4. All IT department

### **Project Closure Note**

The HMS project has achieved the main aims and objectives of the project within the defined budget and planned timescale. This report confirms the closure of the hospital Management System. It also details the deliverables and the achievements of the project.

### **Objectives**

The objective of the HMS project was to successfully implement a perfect hospital management system which met the requirements of the Amala medical society.

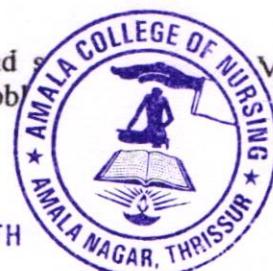
### **Deliverables**

HMS Hardware – The architecture of the HMS hardware resulted in the purchase of 1 application server, 2 Database servers. These servers have been built and installed by IBM/ Lenovo.

Operational Procedures – The service delivery and Operational Procedures. Back up procedures and prob

MS is detailed in the  
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*[Signature]*



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HMS publishing process and model. Computing Services will keep and maintain this document for their own records.

Training Material – In-house training will be provided by Computing Services training team.

### **Benefits**

Hospital information systems provide a common source of information about a patient's health history, and doctors schedule timing. The system has to keep data in a secure place and controls who can reach the data in certain circumstances. These systems enhance the ability of health care professionals to coordinate care by providing a patient's health information and visit history at the place and time that it is needed. Patient's laboratory test information also includes visual results such as X-ray, which may be reachable by professionals. HIS provide internal and external communication among health care providers.

### **Handover**

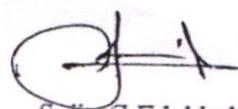
The HMS will now be under the IT team. They will be responsible for assigning logins to users and supporting the HMS application by providing assistance to departments where and when required.

### **Roll Out (Date of Completion: 4/1/2016)**

The IT teams have already begun the roll-out of the HMS. That is, the application is now being implemented in various departments within the Amala medical society. Considering the complexity of the roll-out process and the length of time it will take, appropriate working procedures should be established and followed. The roll-out progress needs to be monitored and working procedures reviewed at regular intervals therefore it may be beneficial to employ an Implementation Manager to priorities, plan and co-ordinate the roll-out.

### **Conclusion**

The HMS implementation was a success because it followed the appropriate project management methodology and had clear objectives from the start. Projects that constantly monitor progress and review plans are more able to adapt to the challenges that arise during the life of the project. Although this accomplishment could not have been achieved without the hard work and effort of the project team over the last six months.



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