Hospital Management System

INTRODUCTION

Proliferating technological advances posses new challenges for the service industry to keep up with the surging competition. There has to be reason as to why any hospital would jump on the bandwagon of autabmization? This is the most elementary question, which crops up when talking about autabmization of any system. In order to foster growth, an institution employs inter disciplinary resources in an organized manner and deploys the same. The process should seamlessly manage the operations involved. The work response should be in a cohesive manner. The strategies, which work behind any good system, are the basic factors, which make the process easy and enhance its functionality. HMS by Cybermate Infotek™ provides the winning combination of all the factors to the health service providers. Acute care settings are required to provide prompt service to the patients, this fact calls for formalized and predetermined sets of methods to be followed. Formerly, a time consuming and tedious process of data storage and retrieval has been vanished and replaced by a system which makes the tasks easy, efficient thus facilitating the preliminary operations of the hospital to extend the services to more number of patients. The basic need for such a system arises from the fact that there is a rise in demand from the consumers to avail of the services provided by health service providers. This demand can be met only if the hospital takes a step towards imbibing the advantages provided by such a system. HMS by Cybermate Infotek™ gives flexible choices to meet evolving needs and enhance the overall value the customers derive from our product.
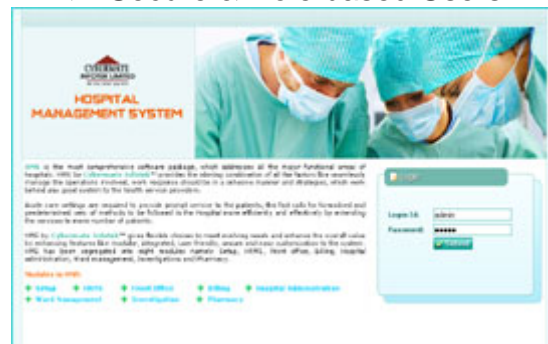
HMS FROM CYBERMATE

Cybermate Infotek has developed an absolute package, which addresses all the major functional areas of hospitals. It is segregated into seven modules namely Setup, HRMS, Front Office, Billing, Investigation, Hospital Administration, Ward Management, Pharmacy, Marketing, Accounts and EDP. This Web Based Application has been developed in Java as Frontend & Oracle as Backend. Each hospital has some unique features and this application is made keeping this factor in mind. This application can be easily customized to suit the customer's needs.

SALIENT FEATURES
- Modular
- Integrated
- Dashboards
- User friendly
- Graphical user Web interface
- Easy to customize
- Secure & Role based Users

ADVANTAGES
- Streamlined operations
- Enhanced administration and control
- Improved response time
- Cost control
- Improved profitability

MODULES IN HMS

SETUP
This module takes care of hospital details like hospital Detail Information, number of beds, promoters, licenses and concerned officials, the location and branches.

HRMS

This module as the name suggests covers overall human resource management in typical hospital. The following master details are gathered pertaining to:

Departments, which Facilitates the creation of department, under departments, their classification and location.

Employee's details, which Gathers all the master data of the employees regarding their date of joining, pay details, and personal details

Attendance keeps track of the attendance of the employees and their leaves. It facilitates entry from the bar code mechanism or manual entry of the attendance.

Payroll generates the payroll for all the types of employees keeping in View of their eligibility. It also facilitates the provision of statutory obligations.

Hms_a1.jpg

FRONT-OFFICE

Front Office is the first point of interaction for anybody coming to the Hospital. It has all the information of the In and Out patients, doctors, departments and services of the Hospital. All enquiries and appointments are scheduled through this module.

This module is take care of registration, out patient details, doctor information, doctor patient, vacant beds, inpatient admission etc,

BILLING

Billing Module, which provides detail billing of the Inpatient & Outpatient services.

The bill is calculated and the payment collected from patient on time to time. Provisional and Final bills are generated which includes the complete information about the Services availed, its Charges, Advance collected, appropriate Receipts, Concession allowed, etc.

HOSPITAL ADMINISTRATION

Hospital administration, which includes information about hospital, rooms and tariffs, room facility, beds information, critical care equipments, package creation and administrative facilities.

WARD MANAGEMENT

Ward management takes care of laboratory requisition, drug requisition, critical care readings entry, ICU orders by doctors, systematic review of patients and daily bed status.

INVESTIGATION

Investigation module witch provides the various types of investigations are carried out for Inpatient & Outpatient. The number of investigation tests and making the results available promptly is very crucial for assessing the patient's medical status and deciding on the further course of action.

The tests parameters are pre defined with the interpretations & formulae wherever applicable. The test results are entered into the software manually and a descriptive smart report is printed after verification and validation.

PHARMACY

Pharmacy Module deals with the Sale of medicines to patients and Issue of medicines to the In-patients in the hospital. This module consists of sub-modules namely:

Masters which maintains information about the drug types, drug details, drug supplier, stock position, setup margin for drugs and various reports relating to pharmacy.

Requisition includes issue indents, transfer indents, and indents report.

Issues has IP issues, department issues, issues report, pharmacy report etc.

Returns include patient returns and department returns.

Drug receipts includes receipts and reports

 New items includes sell rate and quantity update ect.

ACCOUNTS

This module includes financial setup, Groups, ledgers, vouchers, trail balance, profit and loss accounts, balance sheet, journal report, cashbook, sales register, debit and credit note.

MARKETING

This module takes care of reference doctors, Corporate marketing of activity, marketing advertising.

EDP

This module is exclusively for granting privileges to the employees in the different departments for using the application and maintenance.

Development Environment

The present version is using Web Technology with Oracle as database.

Optimum Hardware

A Windows Server or Linux and workstations with browser as clients would be sufficient to start of the operations.

Conclusion

HMS enables the customer to achieve greater productivity, reduce costs and increase profitability.

It helps decision makers to be more proactive with market dynamics.

Contact Us

Cybermate Infotek Limited
 11, Sripuri Colony, Kakaguda, Karkhana, Secunderabad – 500 015
Ph.No:+91-40-66326447/8
Fax : +91-40-66486446
sales@cybermateinfotek.com