



Guru Technologies Limited
Creativity with Intelligence

HMS GURU

HOSPITAL MANAGEMENT INFORMATION SYSTEM

A COMPLETE ERP FOR HEALTHCARE ORGANIZATIONS

|| Healthcare Solutions | Education & E-Learning | Business Solutions | Multimedia | Training | Network ||

www.guru.co.ke

Guru Technologies Limited has now introduced an integrated revolutionary product “E-Medic” that covers all the major functional areas of modern multi-specialty Hospitals.

The E-Medic HMS is designed to improve the Hospital’s quality and services. It provides the benefits of streamlined operations, enhanced administration and control, improved response to patient care, cost control and improved profitability. Each of the department’s work processes are in tandem with the system’s business process which enables user-friendliness to the software. It also provides an accurate, electronically stored medical record of the patient. A data warehouse of such records can be utilized for statistical requirements and for research. It empowers the workforce to performance to their peak ability, in an optimized and efficient manner, thus provides benefits to both the recipients and providers of Hospital Management System.



Reports generated enable the organization to have an entire look up of the happenings.

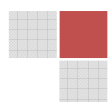
The software can be customized for a variety of hospitals such as medium sized clinics, large sized hospital, super specialty hospital or purely private hospitals.

The Hospital Management System is a software product suite that is Easy to install, scalable, removes complexity affordable and can be used by hospitals, nursing homes or any health care centers. It ensures systematic approach to the way that can transform your healthcare to its highest productivity and efficiency. Our Hospital Management System is currently being used by thousand of hospitals, nursing homes or healthcare organizations worldwide. It is also useful for Out Patient Department management as it has 21 distinct modules that make the management of health care extremely efficient. Moreover, more modules can be added according to requirement of hospital which makes the system customizable that can also be tailored as per client



specification. It provides utmost satisfaction to patients, staff and administration with reduced costs and paperless operation. The retrieval of any real time information becomes very easy. Doctors waste time on clerical activities, the time that could be used for patients. "HMS" is also known as an ERP for hospitals Hospital. The following features of "HMS" makes it distinct from other Hospital software available in the market.

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Guru Technologies Limited has introduced an integrated **Hospital Management System (HMS)**, which addresses all the major functional areas of modern multi-specialty hospitals. Guru's HMS enables better patient care, patient safety, efficiency and reduced costs. It provides easy access to critical information there by enabling the management to take better decisions on time.

The package has been developed on the latest relational database system technology SQL SERVER 2005 and VB.Net provides the benefits of streamlining of operations, enhanced administration and control, improved response, cost control and improved profitability. And to add on, the system can be easily customized to the requirements of any hospital.

Features of HMS:

Office staff can perform various functions like appointment scheduling, billing, entering prescriptions, vaccination, lab results, patient charts, etc.

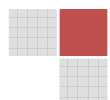
Doctors can look up their schedules, enter schedule changes, review patient charts, look at lab results and enter prescriptions.

E-Medic can maintain the Hospital quality, exercise and sales tax etc E-Medic can also maintain the patient financial and discharge details.



Direct Electronic Billing avoids paper work.

- Registration
- Electronic Medical Record.
- Billing
- Financial Accounting
- Fixed Assets
- Staff Attendance (Barcode or Biometrics)
- Payroll (Automated Tax Calculations , Earnings, Deductions)
- Outpatient Management
- Inpatient Management
- Pharmacy
- General Store & Inventory
- Laboratory
- Radiology
- Physiotherapy
- Dental
- User Management
- Utilities
- Backup to Hard Disk/CD/DVD/Floppies/Pen Drive etc
- Restore
- Database Maintenance
- Financial Year Ending





The E-Medic HMS also includes a back office system that handles accounting, this means that one software installed at your organization takes care of your data flow starting from the very first point (Registration) all the way to clinical records, prescription as well as pharmacy and discharge. The system since it deals with the billing of the patients which means it has to be integrated with an accounting system to make life easier.

Hospitals use different accounting packages available in the market in order to keep track of transactions and records. E-Medic takes care of all that as just one system.

E-Medic has lots of other features that come along with it for example. Outpatient section automation, radiology department.

The new technology that the E-Medic HMS features is the integration of hardware to the software installed for example the new X-Ray machines, MRI and CT Scan systems can now be directly integrated to the E-Medic HMS comfortably to reduce paper, costs and wastage of time.

Below are some few features explained:

Registration:

This module deals with opening a new file for every new patient that comes to the hospital. The module handles registration of the client in terms of personal details, date and time of registration and a short history about oneself just for record purposes

Reception

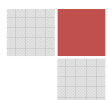
The reception module handles various enquiries about the patient's admission and discharge details, bed census, and the patient's movements within the hospital. The system can also handle fixed-cost package deals for patients as well as Doctor Consultation and Scheduling, Doctor Consultancy Fees and Time Allocation.

OPD, IPD Registration and Admission

This module helps in registering information about patients and handling both IPD and OPD patient's query. A unique ID is generated for each patient after registration. This helps in implementing customer relationship management and also maintains medical history of the patient.

Administration

This module handles all the master entry details for the hospital requirement such as consultation detail such as doctor specialization, consultancy fee, and service charges.





Security

This module handles multi level security of TACL-IT DIVISION HMS so that every admission and transaction can be traced with the help of user ID.

Pharmacy Store

This module deals with all medical items. This module helps in maintaining Item Master Maintenance, Receipt of Drugs/consumables, issue handling of material return, generating retail bills, stock maintenance. It also helps in fulfilling the requirements of both IPD and OPD Pharmacy.

Purchase

This module helps in raising purchase orders, maintaining purchase details and other purchase related details.

Phlebotomy

This specific module caters in maintaining test requisitions, sample collection status and various procedures for collection of sample for the tests prescribed.

Laboratory

This module enables the maintenance of investigation requests by the patient and generation of test results for the various available services, such as clinical pathology, X-ray and ultrasound tests. Requests can be made from various points, including wards, billing, sample collection and the laboratory receiving point. The laboratory module is integrated with the in-patient/ outpatient registration, wards and billing modules.

Emergency

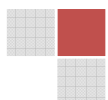
The development of this module keeps in mind the criticality of this department. Every care has been taken to ensure that minimum of time is taken to register the patient, so as to reduce the tension of the already stressed out relatives. Neither any detailed contact information of the patient is required nor any information about the payment type is solicited.

OT Management

This module deals with operation theatre activities such as equipment used detail, resource ordering, drug order, gynecology detail recording, laboratory order and reports transfer requisition, patient monitoring, blood request, new born baby detail and details of delivery.

Minor Surgery

This module is same in features as in OT management though the function is different. This module deals with the surgeries minor in nature, which does not require complete anesthesia.





Blood Bank

The blood bank module provides information on the collection and storage of blood, results of blood tests, cross-matching identifications, and transfusion reactions. It also enables the maintenance of donor mailing lists and donation ledgers.

Ward Management

The ward management module takes care of medical equipment, doctor visit, vitals recording, patient case sheet, diet ordering, blood requisition, transfer intimation and discharge intimation etc. It also deals with the maintenance of the wards, inter- and intra-ward transfers.

OPD and IPD Billing

The billing module facilitates cashier and billing operations for different categories of patients and automatic posting of charges for different services such as lab tests, medicines supplied, consulting fees, food and beverage charges, etc. It enables credit party billing through integration with the financial accounting module.

Intensive Care Unit (ICU)

This module caters to scheduling, maintaining ICU Record, drug orders, consultant details, specific blood requests etc.

Food and Beverages

This module facilitates collection of information regarding various diet routines of patients and identifies the resources required to satisfy diet orders. Depending on the diet orders and other requests from canteen, the kitchen order plan can be prepared to decide the menu for the day. Analysis of the consumption patterns helps in better and efficient management of the kitchen.

Discharge Summary

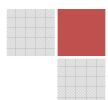
The module helps in generating patient's discharge summary, which includes patient's health at the time of discharge, medical history, various diagnosis and drug prescriptions, history of present illness and course in hospital.

Financial Accounting

This module deals with cash/bank, receipts/payments, journal vouchers, etc. Various books of accounts, such as cashbook, bankbook and ledgers, can be generated and maintained using this module. It can also generate trial balance, balance sheet, and profit and loss statements.

Marketing Module

This module ensures that the hospital gets maximum exposure to the general public and vice versa. This module keeps track of the enquiries made at the reception and follows the lead.





Doctor's Module

This module helps the doctors to keep a track of the entire medical history of a particular patient. Details such as the medicines prescribed, general medical records, previous consultations are all available to the doctor.

HR Management

This module deals with pay calculations, printing of salary slips, salary certificates and PF statements, and enables a monthly analysis of these operations. The personnel module deals with the maintenance of employee bio-data and attendance/overtime details. It also generates reports on absenteeism, leave encashment, etc.

MIS Reports

Various MIS Reports are generated on the above modules for the smooth functioning of the hospital management so that checks can be made on any irregularity done in the hospital.

Users

The Hospital Management System is mainly designed

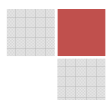
by keeping in mind all the possible users, which are:

- Doctors
- Staffs
- Patients

Reports Generated:

Patient List Reports

- Patient List
- Patient list visit wise
- Patient list Doctor wise
- Ref patient file.





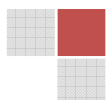
Cash receipt reports

- All Patient daily Charges
- Cash receipt
- Daily Pantry sale
- Pantry cash Bill
- Pantry Credit Bill
- Pantry cash sale summary
- Pantry credit sale summary
- Daily cash receipt with Doctor
- Daily cash receipt patient wise
- Daily cash receipt for account
- Doctor Appointments
- Medicine Kit
- Census reports
- Masters
- Patient Id Card
- Occupied room detail
- Patient Birthday
- Immunization record
- Room Status chart
- Charge Group wise
- Patient discharge summary
- Medicine Issued
- IPD Bill
- Admit Dispatch
- Report centre

Doctors Reports

The Doctor can Generate the following reports

- Aging and open items
- Daily reports
- Period reports





- Accounting Reports
- Patient Reports
- Referral
- Analysis

Staff Report

Staff can generate reports for the following:

- Aging and open items
- Daily reports
- Period reports
- Accounting Reports
- Patient Reports
- Referral
- Analysis

Staff's – Patient Chart

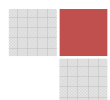
Staff's patient charts section is where Staff can:

- Enter charts
- View Charts
- History

For the patient he had under his list.

Staff's – Lab Results

The Lab results are available to the staff in electronic form and which is added to the patient's record.





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