



COMPLETE INTEGRATED IT SOLUTION FOR HOSPITALS AND CLINICS

Modules

- Admin
- Registration
- OPD
- IPD
- Store
- Lab
- Help Desk
- Blood Bank

HOSPITAL MANAGEMENT SYSTEM

- Casualty
- OT
- Immunization
- Warden
- Billing & Reports
- Physiotherapy
- OBG
- In-house Chatting





eHMS Hospital Management System is powerful, flexible and easy to use and has been designed and developed to deliver really conceivable benefits to hospitals and clinics. And more importantly it is backed by reliable and dependable HMS support. eHMS is designed for small and Medium size hospitals to cover a wide range of Hospital administration and management processes. It is an J2EE based Server application, uses Java/J2EE as the front-end and JBoss as Application server and MySQL

Registration

The Registration module is an integrated patient management system, which captures complete and relevant patient information. The system automates the patient administration functions to have better and efficient patient care process. It provides enquiries about the patient, patient visit, appointment scheduling, doctor's weekly schedule etc. It keeps the unique patient detail. It allows easy retrieval of medical records of a patient.

- Patient Registration Details
- Medical Alert Details
- Appointment Scheduling
- Doctors' Schedule Summary
- Doctors' Daily appointment List
- Patient Visit History
- Patient Visit Slip
- Attendance Register

Administration

The User Manager module basically deals with security through controlling the access to the information available in the application. Any user associated with a user group can have access to only those screens for which the user group has rights. It also deals with the system related activity like user Monitor, creating user group master and user. This module takes care of doctor and employee details. All miscellaneous information related to vendor, available bed and hospital services are handled by this module.

- User creation
- User group and associated rights allocation
- Doctor and employee creation
- Logo and hospital information
- All available lab test and Physiotherapy in hospital
- All Doctor availability

Inpatient Management

The inpatient module is designed to take care of all the activities and functions pertaining to Inpatient Management. This module automates the day-to-day administrative activities and provides instant access to other modules, which leads to a better patient care. It provides comprehensive data pertaining to Admission of Patients & Ward Management, Availability of Beds, Collection of Advance, Patient Investigation, Patient Prescription, Systematic Examination, Discharge Sheet etc. Inpatient Management contains the Warden module also. This module is used to keep the patient record on daily basis and maintain the day order book according to doctor's advice. The Module tracks every visit made by the patient and caters to follow-up visits of patients, along with multiple appointments.

- Patient discharge sheet
- Doctor's advice
- Doctor's prescription
- Diet master
- Bed transfer
- Intake output



Outpatient Management

The out patient management module serve as an entry point to diagnosis, examination and investigation of patient with consulting doctors or visiting doctors. This module supports doctors to take better and timely consultation decisions by providing instant access to comprehensive patient information. This module also handles requests and results of laboratory tests and other examinations. This module supports the online physiotherapy and immunization requests after doctor's advice.

Further more, confidentiality of doctors' observation, previous history of patients visit, online prescription, online request for investigation and so on. This system calculates the cost for the services rendered to the patient and reflects in the billing modules appropriately resulting in smooth billing process. This system also takes care of patient history, complaints and prescription.

- Examination
- Investigation/Treatment History
- Systematic Examination
- Transfer to IPD
- Previous visit record
- Diagnosis Details
- Services referred by doctor
- Doctor Prescription
- Certification/Letters for patient



Laboratory

The Laboratory module automates the investigation request and the process involved in delivering the results to the concerned department/doctor of the hospital. Laboratory module starts with receiving the online request from doctors and also allows laboratory personnel to generate requests. The Laboratory module supports to perform various tests under the following disciplines:

Biochemistry, Cytology, Hematology, Microbiology, Serology, Neurology and Radiology.

If the test result requires approval, the supervisor has to approve the result and it is made available to concerned doctors.



Physiotherapy

This module facilitates tracking the service given to patients depending on the consultant's recommendations. Physiotherapy sessions are carried out both Inpatient and Outpatient. Appointment has to be fixed by the patient for these sessions. All the Appointments to the Physiotherapy will be through the consultant. There will be no direct appointment.



Service

The Service module deals with all the services available in the hospital and the charges for these services are stored through this module. There are various services that are available in the hospital which can be seen in:

SERVICE MASTER: This master gives the details about package detail, Group detail.

ROOM TYPE MASTER: This gives the details about Room Type (Ex: Private, Semi-private, Deluxe, ICU, Suite etc.) and their charges.

CONSULTATION CHARGE MASTER: This gives the details about Doctor and the charges (Like New visit Follow-up, Review and Call-on).

REVENUE TYPE MASTER: This gives the predetermined charges for various services given by hospital (Like Ambulance, Anesthetists Fee, Baby Cot etc.)



Pharmacy

Pharmacy module deals with the automation of general workflow and administration management process of a pharmacy.

Main Store

General Stores and Inventory module deals with Purchase of Items, Issue of Items, Maintenance of Stock, Automatic Reorder level Setting, Online request for stock from various sub-stores, Online stock transfer, maintenance of stock at different sub-stores, Physical stock verification and adjustment, Return of items to suppliers etc.

Central and Pharmacy Store

Central and Pharmacy module deals with the OPD and IPD patient's medicinal requirement. This module takes care of online stock transfer, physical stock verification and online stock return to main store. Pharmacy module handles the bill records according to OPD patient. Central store deals with IPD patient requirement. These store maintain the cross check from main store.

- Medicine transfer
- Medicine recieved
- Medicine issued to OPD or IPD
- Details of patient's medicine bill
- Details of expired medicine
- Details of transfer/recieved medicine



Hardware Requirements

eHMS[®] System operates on computers running Intel or compatible processors. The processors must be running at a minimum of **500 MHz**.

Software Requirements

The following software requirements have to be met before attempting to install eHMS[®].

- Application Server: JBoss
- Java 2 SDK, version 1.4.0
- MySQL 5.0

Operating Systems

eHMS[®] Software operates on **Windows** and **Linux** Operating Systems.

Platform

Platform Independent **Windows** or **Linux**

Hardware	Minimum Requirement	Recommended Requirement
Processor	Intel [®] or compatible Pentium II	Pentium 4 or Higher
Memory	256 MB	512 MB
Hard Disk	20 GB	80 GB
Monitor	VGA 1024 by 768 Pixel	
Pointing device	Microsoft Mouse or compatible	
CD-ROM drive	24x and above	48x and above
Printer	Laser Or DeskJet	Min. 300 DPI

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