



HIMS

Hospital Information and Management System

- Scalable
- Highly Available and Redundant
- Load Balanced
- Flexible
- Highly Performance

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HIMS SPECIAL FEATURES

- Single Window service to Patients for billing & Collection
- Site implementation & fine tuning of Software for Procedures
- Facilities Controlled by User-definable Parameters
- Multiple Tariff Lists with very flexible option for Rate Revision
- Health Packages for the OPD and IPD Patients
- Pre-defined Multiple Medical Summary & Discharge Summary Formats
- Powerful Search Engine for locating any type of information related to Patient.
- Graphical Presentation of the Data for Top Management
- Online Electronic Patient Records Management with Web Camera & Digitized or Scanned Images
- Interface with the latest Laboratory Equipment

HIMS BENEFITS OFFERED

- Customized Solution with Total Support for smooth running by Medical & Software Specialists with over a Decade Experience in Health Care I.T
- Eliminates Redundant Paper work & maintenance of Records
- Builds Efficiency & Productivity with better Work Flow management
- Simple to learn & Operate by non-Computer background Users
- Elegant printouts helps in building image of Institution
- Enables Graphic Charts & Web enabled Clinical Information System
- Facilitates generation of accurate billing & revenue control
- Centralized Database Management storage
- Maintains records accurately with relevant details
- HAPPY AND SATISFIED CUSTOMERS

COMPETITIVE ADVANTAGES

Sys Dev Ltd. has successfully created strong market presence and built an impressive roster of corporate clients to deliver healthcare software services. Sys Dev Ltd. was among the first few IT companies in Bangladesh to aggressively differentiate our core competencies as well as go to the market approach for the portfolio of Healthcare services. The company's No. 1 corporate objective to develop and extend the thought leadership of its personnel dominates all aspects of Sys Dev Ltd.'s operations, from organizational structure to employee training, incentives and compensation to the methodology and tools it uses to spawn new offices and manage its clients.

Some of the key competitive advantages that Sys Dev Ltd. enjoys are:

- Use of standards based technologies, components, methodologies for integration, which support a faster deployment cycle and a lower-cost, pay-as-you-go pricing model.
- The innovative concept development and first-to-market advantage
- Over the last few years Sys Dev Ltd. has developed a unique model of service delivery to its customers. Our products and services demand that there is quite an extensive level of involvement with the customers.
- Sys Dev Ltd. practices the principles of account management throughout the life cycle of engagement with the customer. The process of buy-in starts quite early at the prospecting stage with the customer.
- Sys Dev Ltd. invests significantly higher number of hours in the pre-sales stage than its competitors. Account management involves everyone from the pre-sales, sales, project team to post-sales support team.
- Faster response to customer queries and quick turnaround to customer problems has uniquely helped us retain and grow with the customers.

HIMS ADVANTAGE

Less Maintenance	HIMS needs very little maintenance cost at the users end.
Connect multiple branches easily.	HIMS needs very little maintenance cost at the users end.
Access software from anywhere, anytime	HIMS is available anywhere, anytime.
Remote support system never gets you breakdown.	HIMS maintenance can be performed remotely. Zero hrs.' downtime.
Never Slows down, browser based software	HIMS is browser based HIS. It runs on all browser and all platforms.
Easily upgradable	HIMS up gradation is easy and thru web instantly.
Complete database driven	HIMS is purely written in parameters. No hard coding anywhere.
Integrated with all depts. of hospital	Web HIMS is fully interconnected HIS with all Hospital depts. covered.
No papers, complete EMR record online	Web HIMS make hospital paperless. All information is available instantly, anywhere, Anytime.
Patients can be registered from any location.	Web HIMS makes possible to register patients from remote location. Local congestion can be avoided.
Ease of Use	Web HIMS allow opening multiple branches, multiple clinics. Operations are more easy and dynamic using Quanta Web HIMS HIS.
SMS alert facility	Web HIMS generate SMS/email alerts for immediate attention
Doctors can access patient record from anywhere.	Web HIMS allow showing patient records from anywhere using internet.
MIS access from anywhere	Web HIMS makes easy for you to travel and see progress of Hospital from anywhere.
Complete worries free HIS software.	Web HIMS are absolutely worry free software.
Parameter driven	User defined parameters
Interface enabled	Smart card interface enabled Barcode interface enabled Biometric Fingerprint enabled
Web Architecture	Full browser based web enabled , N-tier architecture
Interconnectivity	All departments are interconnected

KEY MODULES

Patient Management



- Registration / Master Patient Index
- Accident & Emergency
- Appointment Scheduling
- Outpatient Management
- Order Entry & Result Reporting
- Housekeeping & Linen Management
- Insurance
- Billing -OPD/IPD
- Clinician's Access
- Medical Records
- Notes Tracking
- Inpatient Management

Resource Management



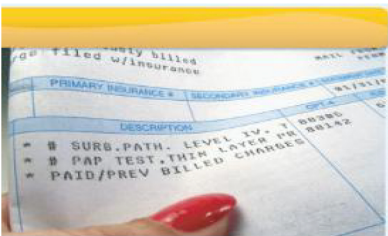
- Pharmacy Management with Stock Control
- Dietary
- Nursing Management
- Ambulatory Management
- Specialty Clinic Room Management

Clinical Management



- Laboratory Information System
- Radiology Information System
- Operation Theatre Management
- Blood bank
- ICCU / ICU
- General Electronic Medical Records

Finance and Administration



- Finance Management
- Inventory Management
- Doctors Accounting
- Budgeting and planning
- Costing
- Fixed Asset Management

Support Services Management



- Linen Management
- Kitchen Management
- Materials Management
- Stores & Procurement Management
- Human Resources Management
- House Keeping
- Asset Management
- Emergency Services

Management Information



- Administrative statistics
- Case Mix Management
- Resource utilization reports
- Clinical statistics
- Decision Support System
- Financial Analysis

DETAIL MODULES

EMERGENCY



- Patient Entry and HN Creation
- Emergency slip / ticket generation
- Emergency Billing Cash payment
- Emergency Billing Due payment
- Emergency Billing Due collection
- Emergency doctor assignment
- Emergency Service entry for tests
- User reports for collection, service , pathology

OPD



- Patient Entry and HN Creation
- Service entry
- OPD Billing for cash payment
- OPD due and due collection
- OPD due collection
- OPD doctors billing
- OPD service entry and collections Report
- User reports for collection and service
- OPD voucher for accounts process

IPD



IPD Service

HN No: HN20160400000011 Patient Type: Member Address: Siddeswari Dhaka Ramna Kavre
 Admission No: R400692016 Blood Group: B+
 Patient Name: Mr. Monirul Islam
 Age: 25 Years Ward No: ST PRIVATE
 Gender: Female Bed No: ST-03 Consultant: Mubanga, MD(CCU)

Current Bed Information

Speciality Name	Ward Category	Ward Name	Floor No	Room Name	Bed No	New Bed	Tick
ST PRIVATE	EXECUTIVE	EXE-01	G	EXE 01	B01	EXE R-01	
ST PRIVATE	EXECUTIVE	EXE-01	G	EXE 01	B02	EXE R-02	
ST PRIVATE	HIGH COST	HIGH COST R-1	G	HIGH COST F	B01	HC-06	<input checked="" type="checkbox"/>
ST PRIVATE	HIGH COST	HIGH COST R-1	G	HIGH COST F	B01	HC-06-A	<input type="checkbox"/>

Ward Name: ST PRIVATE Bed Name: ST-03 From Date: 12/04/2016 08:16:58 PM End Date: 30/04/2016 Time: 08:00 AM

Ward Name	Bed Name	From Date	End Date	Reason	Status
ST PRIVATE	ST-03	12/04/2016 08:16:58 PM			Active

Financial Settlement

- Patient Entry and HN Creation
- Patient Entry
- Bed / Word / doctor allocation
- Defining corporate patient
- Define package patient
- IPD Service entry
- IPD bed cabin management
- IPD bed / Cabin full delete or edit
- Discharge Certificate
- Birth Certificate
- Un settlement patient information
- Unsettled patient billing information
- IPD corporate due bill collection
- Refunding
- Advance bill receive
- Financial settlement
- Discharge
- Voucher edit/delete
- Package edit
- Receivable vouchers list
- Payment details
- Unsettled discharge
- IPD collection summary by user
- IPD total Collection by user and service category
- Bill identifying for Hospital and doctors
- Integration to pathology and pharmacy
- Service alert setup for 50K or 60K due patient

PHARMACY



- Company Entry
- Product wise company define
- Company wise requisition Raise
- Spot purchase requisition
- Requisition approval
- Requisition cancel
- Requisition Edit
- Company wise medicine receive
- Medicine receive return
- Sales invoice to patient
- Medicine return
- Stock entry

- Stock adjustment
- User panel setup
- Date wise bill for patient
- View all bill
- Stock list
- Daily stock list
- Daily sales
- Daily purchase
- Company wise daily purchase
- Patient wise medicine billing
- Patient wise medicine summary
- Date wise medicine sale summary
- Date wise medicine return summary
- Date wise medicine sales & returns
- Date wise medicine return details
- Date & patient wise medicine
- Company wise purchase statement
- Company wise stock report
- Generic wise product stock list
- Doses wise product stock list
- Product purchase / sales stock list
- Doses wise Sales and Purchase
- Generic wise sales and purchase
- Product transaction
- User wise sales
- User wise purchase

PATHOLOGY



- User wise test done report
- Re-printing report
- Pathology test editing
- Complete Specimen tracking
- Pathology test list with voucher
- Test Results input with authorization facility
- Administrative and Clinic Management Reports
- Test request can be raised from OPD and Wards.
- Sample Dispatched to Patient Report delivered, tracking.
- Configuration based on Sample Collection, Dispatch & Acknowledgement.
- Test Repeat facility (In case of container breakage, sample hemolysis, missing, and re- run).

- Configurable Test
- Test Name
- Faculty to which it belongs to
- Test wise container defined
- Re-agent used
- Formula base test.
- Multicolumn base test.
- Sample Collection
- 250 around Pathology test
- Date wise test list
- Date wise pathology billing
- Patient wise pathology bill
- Doctor wise pathology bill
- Category / test wise bill

DETAIL MODULES

FRONT/HELP DESK



- Patient Status [where admitted & Last Position]
- Employee status
- Doctor information
- Bed / cabin status
- Used or released bed status
- Service list
- Service price
- Discharge patient list
- Admitted patient list
- Bed or cabin charge
- Doctor's visit
- Pathological information [Test price]

OT SCHEDULING



- OT Setup (Charge, Quantity, Location, Specialty etc)
- Pre Booking for OT
- Special or On Call OT Booking
- OT Scheduling Edit / Cancel
- Re-Scheduling OT
- Emergency OT
- OT-wise patient (Report)
- Doctor wise reporting
- Date range wise various OT Report

BLOOD BANK

BLOOD BANK



- Blood Donor Listing
- Group Wise Blood
- Expired Blood Information
- Crosse Matching Information
- Patient Wise Blood Report
- Blood Transfer & Received Information
- Blood Stock Information

FIXED ASSET



- Fixed Asset information setup
- Fixed Asset Location setup
- F A Department wise categorization
- F A Depreciation
- F A Transfer
- F A Retirement
- F A Valuations
- F A Reports

ATTENDANCE & PAYROLL



- Pay slip
- Advance salary
- Commission Receive/ payment
- Salary deduction
- Increment
- Punishment
- Dismissal of employees
- Customize Reports

- Employee Information / profile
- Employee Designation
- Employee Commission setup
- Attendance
- Leave
- Loan
- Overtime
- Bonus
- Salary process



HOSPITAL MANAGEMENT

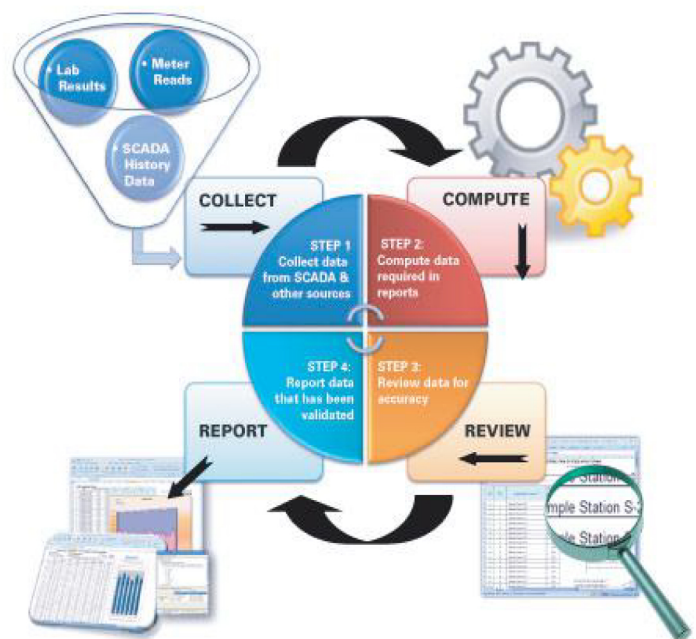


- Hospital department Setup
- Employee Designation setup
- Employee Information with password
- Doctor type setup
- Doctor entry by designation or other criteria
- Hospital Root service setup
- Hospital service category setup
- Pathological test setup
- Laboratory test wise group setup
- Parameter wise reagent setup
- Package policy setup
- Bank entry
- Corporate setup
- Patient Bill limit setup
- Disease setup
- Unit Measurement Setup
- ICU, HD etc individual category setup
- Imaging test setup
- Ward setup
- Bed setup
- Room setup
- Specialty wise hospital setup
- Supplier or vendor company list setup
- User security setup

MIS



- IPD Bill discount panel
- Emergency and OPD discount Panel
- Date wise user collection summary
- Date wise user collection matrix
- Un settled patient release
- IPD bed charge edit
- User wise collection details
- User wise transaction information
- Patient bill limit setup
- Patient bed charge remove
- Voucher / advance/ bed remove
- Date wise total hospital Income
- Service wise hospital income
- Department wise hospital income/ bill
- Doctor (date or all) wise total income/ bill
- Patient wise medicine summary
- Patient wise medicine total
- Total IPD patient
- Total Bill of IPD all patient
- Un used bed list
- Ward & bed list
- Date wise pathology test
- Patient wise pathology test
- Date wise discount statement
- Date wise refund statement
- Category wise hospital income / bill
- Emergency detail bill with user and voucher
- OPD detail bill with voucher
- Date wise all bill with voucher and user
- Patient wise advance Due
- Patient wise Unsettle due
- Patient wise corporate due
- Total Bill of emergency patient
- Total bill of OPD
- Patient wise doctor's Bill
- Un settle patient bills for doctors
- Disease information



DETAIL FEATURES

Patient Registration



The registration module handles Inpatient, emergency and outpatient registration process. The system automates the patient administration functions to have better and efficient patient care process.

Appointment Scheduling



Appointment scheduling deals with scheduling of physician appointments for the patients. The user can view the schedule for a particular doctor; the appointments scheduled for the doctor, the free slots available, blocked slots. Based on the slot availability, the appointment can be fixed. The appointment can be rescheduled and Cancelled based on the scenario. The user can view all patients' previous visitations to the hospital.

Help Desk



The Help Desk Module automates the day-to-day functions of the Front office management of a hospital. This module helps in assisting patient with accurate information and supports in handling patient related enquiries efficiently

OPD Billing



This module handles all the billing related to outdoor patients. Using these module users should be able to get patient registration and investigation request data.

User Management



User management is a security workflow control module, which controls the accessibilities of screens for which the user group has rights. It also deals with the System Related Activity like User Monitor, Creating User Group Master, User Master and view the User Group Lookup of employee database, Users across the application. Any user associated with a user group can access only those.

Admission



The admission module handles patient admission after the patient is registered. This is the second step of an inpatient's journey.

Outpatient Management



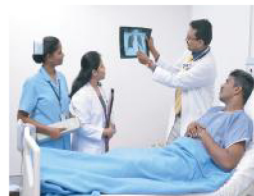
The Outpatient module serves as an entry point to schedule an appointment with the Hospital Resident Doctor or Consultant Doctor for Medical Consultations and diagnosis. This module provides instant access to comprehensive patient information. Patient visits are divided into New, Follow-up and Review. This module also handles requests and results of laboratory tests and other examinations.

Doctor's Workbench/CPOE (Computerized Physician Order Entry System)



The doctor's workbench is the main module for doctor's of the hospital to administer and manage patients. It provides for a single point access to current and future appointments, past history, reminders, latest laboratory/radiology test results for both outpatients and inpatients. Using this module the physician can record the patient symptoms, diagnose and suggest treatment plans.

Inpatient Management Module



Inpatient management module handles the admission, discharge and transfer functions of patients. This module automates the day to day patient administrative activities and provides instant access to other modules, which leads to a better patient care.

Central Sterile Supply Department (CSSD)



The sterile supply department within a hospital receives stores, sterilizes and distributes to all departments including the wards, outpatient department and other special units such as operating theatre.

DETAIL FEATURES

Nursing Module



Nursing module is a tool provided in the hospital management system software to the nurses to manage their routine tasks with the objective of improving patient care. It is tightly integrated with the Inpatient module and other clinical modules for smooth flow of information.

Pharmacy



Pharmacy module deals with the automation of general workflow and administration management process of a pharmacy. It caters to the retail outpatient pharmacy, general walk in pharmacy and Inpatient pharmacies.

General Expenses Module



This module handles hospital's day to day general expenditure like utilities bill, stationery bill and other miscellaneous expenditures.

Machine Maintenance



All Equipments & Machineries are monitored and maintained by the system with it's robust monitoring method.

Laboratory and Radiology Modules



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. Tests are grouped under various sections and sample type (specimen). Based on the request the user can input the sample and generate the sample number. Results can be entered based on the sample type either to one test or multiple tests. Test results are immediately available for viewing to concerned doctors.

House Keeping Module



Housekeeping in any hospital is defined as the provision for a clean, comfortable and safe environment in the hospital for patients and general public. Housekeeping in the hospital management system software involves the maintenance of beds in wards, rooms, cubicles. The various housekeeping tasks can be planned, assigned and tracked in the module.

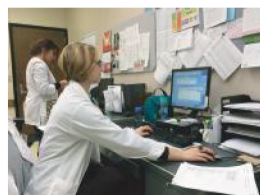
Beds are released for Housekeeping after the discharge of the patient. If a bed is posted for housekeeping, then the bed is not allocated to the next patients till the Housekeeping Department releases it after making the bed available.

Operation Theater Management Module



Operation Theatre management module tracks and manages all the information covering from patient wise surgery, doctor information to OT register. It maintains complete record of operation.

Patient Billing Module



The Patient Billing module handles all types of billing for inpatients. This module generate bill for different categories of patients like Outpatient and Inpatient. It provides automatic posting of charges related to different services like bed charges, lab tests conducted, medicines issued, consultant's fee, OT charge and other hospital and doctors related charges. Also corporate credit billing can be processed using this module and can be seamlessly integrated with the Financial Accounting Module.

DETAIL FEATURES

EMR (Electronic Medical Record)



Electronic medical record is the central repository for all the clinical information of the patient. The EMR Module is a fully integrated knowledge repository that caters to Medical and clinical records of patients in the hospital. The system supports medical professionals of various departments of the hospital with relevant information like medical examinations, diagnoses, treatment histories, test results and so on. The module provides access to critical and complete patient data that leads to high quality cost effective and efficient patient care.

Fixed Asset Module



The Fixed Assets Module deals with all the activities that are related to the Fixed Asset Part of Financial Accounting of any hospital management system software. This module handles all the assets of the company, the activities that are related to identifying an item as a fixed asset and then allocating specific depreciation on that asset, managing the movement of the asset, Maintenance of the asset, Revaluation and Disposal etc.

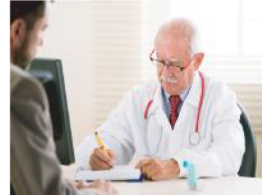
Depreciation based on any of the popular depreciation methods. Straight-line method or reducing balance method are the two important Asset Depreciation methods followed. Asset adjustments, Asset Transfer, Asset revaluation, Asset Disposal should be possible in this module.

MIS Dashboard



The dashboard in the hospital management system software is a summary of key parameters values covering all areas of the hospital that are generally monitored by the top management on a regular basis. Some of the parameters could be current bed occupancy, revenue for a period, collections, top selling medicines etc.

Online Prescription



Enables multiple location based clinic/ doctor access. From remote stations doctors / physicians can input vitals, chief complain, on examination etc and submit the data. Sr. consultants can input diagnosis and medication for the patient and in moment the first doctor will get the prescription.

Procurement Module



General purchase module is the key module to manage all the purchases of the hospital. All the department wise purchases like radiology films, pathology kits, housekeeping items etc. are made using this module.

Emergency/ Casualty Module



Emergency module allows fast registration of patients by the capture of key and very specific registration details such as demographic information.

Ward/Room Management



This module administers the use of rooms and beds by patients. Using these module users will be able to view occupied and available rooms.

SMS



Billing and critical moments there is provision for sms sending to patient's relatives/ next to kin and doctors.

PHARMACEUTICALS ERP



Pharmaceuticals Core Modules

- Procurement Management System (Local/Import)
- Material Resource Planning
- Production Scheduling
- Production System (WIP) Real time GMP base
- Quality Control Management System (QCMS)
- Quality Assurance Management System(QA)
- Finish Goods Management(FGS)
- Warehouse Management (Raw Materials, Packaging Materials, etc) -WHRP
- Central Store Management System(CSMS)
- Sales Management Information system (SMIS)
- Export Management Information System
- Finance & Accounting Management System
- Management Information System (MIS)
- Human Resource Information Management (HRIS)
- Sample, PPM & Gift Management



Others

- Stationery Management System
- Welfare Management System
- Doctor & Prescription Survey System
- Engineering Operation Management System
- Hardware & Others Equipment System
- Vehicle Management & Vehicle Maintenance System