

Hospital Management System (HMS)

Comprehensive Care, Seamless Management

What is HMS?

An HMS (Hospital Management System) is a digital platform that automates and manages all core operations of a hospital—from patient registration and appointment scheduling to billing, inventory, and staff management. It streamlines processes, improves patient care, ensures compliance, and enhances overall operational efficiency.

Key Features & Concepts



Landing Page

- Beautiful, mobile-friendly landing page with attractive interface.
- Add your business information, including About Us, Contact Us, FAQs, and Pricing pages.
- Users can register for their hospital and check pricing plans directly from the landing page.



Super Admin Panel

- Registered Hospitals: View lists of registered hospital users and their current subscribed plans.
- Subscription Plans: Add customizable plans (trial, free, paid) with multi-currency support.
- Prorating Plans Support: Seamlessly switch plans with automatic amount adjustments.
- Transactions: See detailed transaction lists for hospital users, including Stripe/PayPal payments.
- Subscribers: Manage followers who subscribe via the landing page for notifications.
- Front CMS: Configure and manage all landing page content, including header text.
- Settings: Manage application-wide settings like Application Name, Email, Phone, Logo, and Favicon.



Hospital Admin Panel Overview

- Hospital Landing Page: Each hospital gets a separate, customizable landing page with basic info, services, and staff. Supports 9 languages.
- Dashboard: Get insights into invoices, bills, payments, advance payments, doctors, patients, and available beds.
- Users: Add new users with specific roles (e.g., Doctor, Nurse, Receptionist).
- Covid-19 Vaccination Support: Manage vaccines and patient vaccinations.
- Expense/Income Charts: Visualize financial data with date-range filtering.
- Module On/Off Support: Admin can enable/disable any module, controlling user access.
- Front Setting: Admin can change front-side page settings.
- Mail Service: Send emails to employees.
- Export Data Support: Export data to Excel in necessary modules.
- Settings (Hospital Admin): Manage Notice Boards, Testimonials, System Language, Brand Name, Multi-Currency (7 currencies), Multi-Language (9 languages), Hospital Name, Address, Email, Open/Close Hours.



Patient Management

- IPD (In Patient Department): Manage patient admissions, bed reservations, charges, and bill generation.
- OPD (Out Patient Department): Track outpatient records, visits, timelines, and diagnosis details.
- Cases Management: Track and manage patient cases, and assign Case Handlers.
- Patient Admissions: Manage patient admission details, including insurance policies.
- Book Appointment: Patients can book doctor appointments with specific time slots.
- Diagnosis (IPD/OPD): Doctors can add diagnosis details, report types, dates, and attach documents.
- Timeline (IPD/OPD): Doctors/Admin can add timeline records with dates and documents; patients can view them.
- Prescription: Doctors can write detailed prescriptions with header/footer notes and medicine dosages.



Financial & Billing Management

- Billing: Manage Accounts Types (Credit, Debit), Invoices (digital, PDF export, discounts), Bills (patient, admission, extra items, PDF export), Payments (received/due), and Advanced Payments.
- Employee Payrolls: Admin/Accountant can add salaries for various staff roles; users can view payslips.
- Finance: Record Income and Expense details with dates and attachments.
- Hospital Charge: Create Charge Categories (e.g., Blood pressure check) and specific Charges with unique codes.
- OPD Charges: Admin can add different types of charges for specific doctor.



Resource & Inventory Management

- Bed Management: Define Bed Types (VIP, AC, Non-AC), manage Beds (availability, assignment), and view Bed Availability Graphically.
- Blood Bank: Manage Blood Bags (inventory by group), Blood Donors (list), Blood Donations (donor details, bag count), and Blood Issues (to patients).
- Medicines: Manage Medicine Categories, Medicine Brands, and Medicines (inventory stock, details, side effects).
- Inventory Management (within HMS): Manage system items stock, price, and quantity. Includes Item Categories, Items, Item Stock (purchasing), and Issue an Item (deducts quantity).



Diagnostics & Reports

- Radiology: Manage Radiology Categories and Radiology Tests.
- Pathology: Manage Pathology Categories and Pathology Tests.
- Diagnosis (Tests): Manage Diagnosis Categories and Patient Diagnosis Tests (with custom properties and PDF export).
- Reports: Generate Birth, Investigation, Death, and Operation Reports.



Staff & User Roles

- Doctors: Manage doctor profiles, schedules, prescriptions, and daily operations.
- Consultant Register: Add consultants and extra instructions for patients.
- Accountants: Manage billing/invoicing.
- Nurses: Manage patients, beds, medication, blood bank, and reports.
- Receptionist: Assist patients, handle inquiries, appointments, and front office tasks.
- Pharmacists: Prepare and dispense medications.
- Lab Technicians: Perform laboratory tests on specimens.



Communication & Front Office

- Appointments: View and manage appointments with calendar support for Admin/Doctors/Patients.
- SMS (Using Twilio): Send SMS to multiple users based on department selection.
- Live Consultations: Admin/Doctor can create and start remote video calls via Zoom; patients can join.
- Live Meetings: Admin/Doctor can create and start remote video calls via Zoom for all users except patients.
- Front Office: Manage Call Logs, Visitors, Postal Receive, and Postal Dispatch records.



Documents & Services

- Documents: Store and manage various Document Types and Documents (with user-specific access).
- Services: Manage Insurances (third-party tie-ups), Packages (bundled services), and individual Services (Ambulance, Home visit).
- Ambulance: Add ambulance vehicle details, track Ambulance Calls (patient usage, availability).

Industries that Use Inventory Software

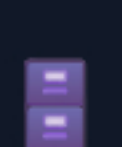
- Retail stores (clothing, electronics, general store)
- Medical shops & pharmacies
- Manufacturing units
- Warehouses & logistics companies
- Mobile shops
- Restaurants & Cafes
- Wholesalers and distributors

Technical Requirements



Platform:

- Web-based
- Desktop (Windows)



Database:

- MySQL
- Cloud-based



Languages:

- PHP
- Java
- .NET (varies by vendor)



Security:

- SSL encryption
- 2FA
- Role-based access



Deployment:

- Cloud
- On-Premise
- Hybrid

Benefits of Using Inventory Software



Saves time and reduces manual errors



Ensures stock is always updated



Helps improve customer satisfaction



Accurate data for financial planning



GST-compliant invoicing

Ready to transform your hospital operations?

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