

# HOSPITAL MANAGEMENT SYSTEM

Empowering Healthcare  
with Smart Digital Solutions

# INTRODUCTION

CODCrafters proudly presents an all-in-one Hospital Management System built on Odoo - a modular, scalable, and customizable solution tailored for clinics, hospitals, and healthcare institutions globally. Our system streamlines medical, administrative, and financial operations with maximum efficiency.



# CORE MODULES & FEATURES

## 1. PATIENT MANAGEMENT

The CODCrafters Hospital Management System (HMS) ensures efficient patient registration, comprehensive record-keeping, and personalized treatment plans—all while maintaining data accuracy and accessibility.

This screenshot shows the Patient Management module interface. At the top, there's a navigation bar with 'Patient' selected. Below it, a toolbar includes 'New', 'Patient' (with a dropdown for Henry), 'Body Chart', 'Dental Chart', 'Documents' (4 items), and a 'More' dropdown. The main area displays a patient profile for 'Henry'. The profile includes: Identification Code (HMS001), Date of Birth, Gender (Male), Age, Primary Care Doctor, Departments, Title, Tags, General Information, Hospital Info, Clinical Assessment, Diseases, Skin/Aesthetic, Family, Address, Street, Street 2, City, State, Zip, Phone, Mobile, and OTP SMS. To the right, a sidebar titled 'Preview Documents' lists various medical documents with zero entries: Treatments, Appointments, Physiotherapy, Ophthalmology, Evaluations, Prescriptions, Patient Procedures, Ambulance Services, and Certificates. A 'Take Picture' button is also present.

This screenshot shows the attachments section for patient Henry. The top navigation bar and toolbar are identical to the previous screenshot. The main area displays a grid of attachments, all named 'body.jpg'. The attachments are arranged in two rows of three. The first row contains attachments from 06/11/2025 at 12:30:48, 06/04/2025 at 15:35:41, and 06/04/2025 at 15:33:11. The second row contains attachments from 06/04/2025 at 15:32:37 and 06/04/2025 at 15:14:55. Each attachment has a small preview icon and a delete button.

# END-TO-END PATIENT MANAGEMENT

## Structured Patient Profiles

HMS captures critical patient details (e.g., identification code, gender, contact information) in a structured format for quick retrieval.

## Demographic & Hospital Information

Fields such as address, phone number, and hospital-related data ensure seamless communication and location tracking.

## Medical Alerts & Tags

The system allows categorization via patient tags, medical alerts, and disease tracking, enhancing clinical decision-making.

This screenshot shows the HMS Patient Management interface. At the top, there's a navigation bar with 'Patient Configuration' selected. Below it, a toolbar includes 'New Patient' (with 'Henry' selected), 'Body Chart', 'Dental Chart', 'Documents' (showing 4 items), and a 'More' dropdown. The main area displays patient details for 'Henry': Identification Code (HMS001), Gender (Male), Primary Care Doctor, Title, Address, Phone, Mobile, and OTP SMS. To the right, a sidebar titled 'Preview Documents' lists various medical records: Treatments (0), Appointments (0), Physiotherapy (0), Ophthalmology (0), Evaluations (0), Prescriptions (0), Patient Procedures (0), Ambulance Services (0), and Certificates (0). A 'Take Picture' button is also present.

This screenshot shows the HMS Patient Management interface with the 'Configuration' tab selected. On the left, a sidebar lists 'Medical Alerts', 'Family Relation', 'Patient Tags', 'Religion', 'Ethnicity', 'Diseases', 'Diseases', 'Disease Categories', and 'Genetic Disease'. The main area is currently empty, showing a search bar and navigation controls.

## PERSONALIZED CARE WITH INTEGRATED RECORDS

### Unified Clinical Assessment

The "Clinical Assessment" and "Diseases" tabs (visible in the first screenshot) enable healthcare providers to maintain a holistic view of patient health, from diagnoses to treatment history.

### Specialized Tracking

Modules like "Skin/Aesthetic" and "Family" support specialty-specific care, ensuring tailored treatment plans.

### Search & Filter Capabilities

The "Search" functionality (seen in the second screenshot) allows instant access to patient records, improving efficiency during consultations.

This screenshot shows the Clinical Assessment module. On the left, a sidebar titled 'Configuration' lists categories: Medical Alerts, Family Relation, Patient Tags, Religion, Ethnicity, Diseases, Disease Categories, and Genetic Disease. A patient profile for 'Henry' is displayed, showing code HM and gender M. The main area features a search bar with placeholder 'Search...' and navigation controls for pages 1-1 / 1.

This screenshot shows the Attachments module for patient Henry. It displays a grid of five attachments, each with a preview icon (showing a person silhouette), the file name 'body.jpg', and the upload date and time. The attachments are: body.jpg (06/11/2025 12:30:48), body.jpg (06/04/2025 15:35:41), body.jpg (06/04/2025 15:33:11), body.jpg (06/04/2025 15:32:37), and body.jpg (06/04/2025 15:14:55). The interface includes a search bar, navigation controls for pages 1-5 / 5, and a toolbar with various icons.

## 2. PHYSICIAN & NURSING MANAGEMENT

The CODCrafters HMS provides comprehensive tools for physician management and nursing operations, ensuring seamless coordination between medical teams while maintaining accurate patient care documentation.

The screenshot shows the Physician Management module. At the top, there are tabs for Physician, Referring Doctors, and Configuration. A search bar is at the top right. Below the tabs, a table lists physicians. One row is selected, showing a large green profile picture with a white letter 'D' and the details: Dr. Robert, Code: DR001, Specialty: Therapist, and a note: No rating yet. The left sidebar shows a tree view under SPECIALTY, with All and Therapist expanded, showing 1 item under Therapist.

The screenshot shows the Patient Procedures module. At the top, there are tabs for Nursing, Patient Procedures, Nurse, and Ward Rounds. A navigation bar below the tabs includes buttons for New, Preview Documents, Body Chart, Running, Cancel, Create Invoice, Scheduled, Running, and Done. The main area contains a form for scheduling a procedure. On the left, patient details are listed: Name (Henry), Patient (Henry), Date (empty), Duration (00:00), Disease (empty), Treatment (empty), Department (empty), Appointments (empty), and Inpatient (empty). On the right, physician and procedure details are listed: Physician (Dr. Robert), Procedure (empty), Price (0.00), Invoice (empty), Recurrent (checkbox), and Invoice Exempt (checkbox).

# PYTHON & DASHBOARDS

## PHYSICIAN PROFILE MANAGEMENT

### Detailed Professional Records

- Track education (MBBS), license info, doctor ID (DR001), and specialties (Therapist).
- Configure consultation durations, follow-up services, and department assignments.

### Specialty-Based Filtering

Quickly locate physicians by specialty for optimized patient referrals.

The screenshot shows a web-based physician profile management system. At the top, there's a navigation bar with tabs for 'Physician' (selected), 'Referring Doctors', and 'Configuration'. Below the navigation is a toolbar with buttons for 'Assigned Patients' (0), 'Treatments' (0), 'Appointment' (0), 'Prescriptions' (0), and a 'More' dropdown. On the right, there are icons for a microphone, a camera, and a search function, along with page navigation controls (1/1, back, forward, etc.).

The main content area displays the details for 'Dr Robert'. It includes fields for Name (Dr Robert), Education (e.g. MBBS), Doctor ID (DR001), Medical License, Consultation Service, Followup Service, Ward Round Service, Default Consultation Duration (00:15), and Primary Surgeon (checkbox). To the right, there are sections for Specialty (Therapist) and Departments (Company employee). A large green button labeled 'D' with a camera icon and the text 'Take Picture' is visible. At the bottom, there are tabs for 'General Information' and 'Personal Information'.

This screenshot shows a filtered list of physicians. The left sidebar has a 'SPECIALTY' section with 'All' selected (Therapist: 1). The main area lists a single physician entry for 'Dr Robert' with code DR001, specialty Therapist, and a note that there are no ratings yet. The interface is similar to the previous screenshot, with a search bar at the top and navigation controls on the right.

# NURSING PROCEDURE TRACKING

## Patient-Centric Task Management

- Log procedures with patient name (Henry), duration, disease, and treatment details.
- Categorize tasks by status (Scheduled, Running, Done) for real-time progress tracking.

## Clinical Documentation

- Attach body charts and review documents directly within the system.
- Monitor inpatient status and appointments for coordinated care.

**Patient Procedures Creation Form:**

Name:			
Patient:	Henry	Physician:	Dr Robert
Date:	→	Procedure:	
Duration:	00:00	Price:	0.00
Disease:	Invoice		
Treatment:	Recurrent <input type="checkbox"/>		
Department:	Invoice Exempt <input type="checkbox"/>		
Appointments:			
Inpatient:			

**Patient Procedures List:**

	Name	Patient	Procedure	Toths	Surface	Price	Physician	Department	Date	End Date	Status	Invoice
DP001	Henry	Care By Dr				1.00	Dr Robert				Scheduled	
1.00												

### 3. APPOINTMENT MANAGEMENT

Our Appointment Management system provides end-to-end control over scheduling with smart features that reduce administrative burden while improving patient experience.

The screenshot shows a detailed view of a patient appointment. At the top, there are tabs for 'Appointment', 'Online Appointments', 'Appointment Slots', and 'Configuration'. Below the tabs, the appointment ID 'AP002' is displayed. A toolbar includes 'New', 'Appointment' (selected), 'Body Chart', 'Treatment', 'Prescription', 'Hospitalization', 'More', and navigation icons. The main content area shows appointment details: Patient (Henry), Age (7), Department (Emergency), Physician (Dr Robert), Date (06/06/2025 13:28:45), Duration (00:15), and Schedule Date (06/06/2025). Buttons for 'Confirm', 'Print', 'Send by Email', 'Cancel', and 'Preview' are available. A status bar at the bottom indicates 'Draft' and other options like 'Confirm', 'Waiting', 'In consultation', and 'Done'. On the right, there's a camera icon with a plus sign.

General Information	Clinical Assessment	Vital Signs & Symptoms	D/D & Advice	Other Information
Assigned Nurse				Urgency Level Medical Emergency
Consultation Room (Cabin)				Purpose <input type="checkbox"/>
Diseases				Outside Appointment <input type="checkbox"/>

The screenshot shows a weekly calendar for 'June 2025' from Sunday to Saturday. The days of the week are labeled S, M, T, W, T, F, S. The date '5' is highlighted with a red circle. The calendar includes a search bar and navigation buttons for 'Week', 'Today', and 'June 2025 Week 23'. The left side shows a vertical timeline from 07:00 to 13:00. A sidebar on the right displays the full month of June 2025 with specific dates circled in blue.

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7

June 2025 < >  
 S M T W T F S  
 1 2 3 4 5 6 7  
 8 9 10 11 12 13 14  
 15 16 17 18 19 20 21  
 22 23 24 25 26 27 28  
 29 30 1 2 3 4 5  
 6 7 8 9 10 11 12

# COMPREHENSIVE APPOINTMENT DETAILS

## Patient-Physician Matching

Clear assignment of patient to physician with department visibility.

## Smart Time & Priority Management

- Standardized appointment durations with intelligent calendar tracking
- Built-in urgency level classification system

The screenshot shows a medical software interface for managing appointments. At the top, there's a navigation bar with tabs for Appointment, Online Appointments, Appointment Slots, and Configuration. Below the navigation is a toolbar with buttons for New, Appointment (highlighted), Body Chart, Treatment, Prescription, Hospitalization, More, Confirm, Print, Send by Email, Cancel, Preview, Draft, Confirm, Waiting, In consultation, and Done. The main area displays appointment details for patient AP002. The patient's name is Henry, age is listed, and the department is Emergency. The physician assigned is Dr Robert. The appointment date is 06/06/2025 at 13:28:45, and the duration is 00:15. The schedule date is also 06/06/2025. There are tabs for General Information, Clinical Assessment, Vital Signs & Symptoms, D/D & Advice, and Other Information. On the right side, there's a camera icon with a plus sign, likely for adding images or notes. Below the main details, there are sections for Assigned Nurse (Urgency Level: Medical Emergency), Consultation Room (Purpose: Consultation Service), and Diseases.

The screenshot shows a continuation of the medical software interface. It features a navigation bar with tabs for Appointment, Online Appointments, Appointment Slots, and Configuration. Below the navigation is a toolbar with buttons for New, Appointment (highlighted), Body Chart, Treatment, Prescription, Hospitalization, More, and a search bar. The main area contains various treatment-related fields: Treatment (Treatment type: Consultation, Service: Consultation Service, Pricelist: Responsible), Patient Wish, Subscription, Referring Physician, Feedback Survey Invite, Survey Status, Invoice Exempt (checkbox), Insurance Policy, Insurance Company, Claim, Refer Reason, and Booked Online (checkbox). The interface uses a clean, modern design with a light blue header and white background.

## BILLING & OPERATIONAL EFFICIENCY

### Automated Invoicing

Link procedures to billing systems with price tracking and exemption flags.

### Departmental Coordination

Assign tasks to specific departments (e.g., "Therapist") to streamline workflows.

The screenshot shows a medical software interface. On the left, a sidebar displays patient information for AP004: Patient John, Age ?, Department Emergency, Physician Dr Robert. Below this are tabs for General Information, Assigned Nurse, and Consultation Room (Cabin). At the top, there are buttons for Appointment, Online Appointments, Appointment Slots, Configuration, and a New Appointment button. A modal window titled 'Configure your document layout' is open, showing options for Layout (Light, Boxed, Bold, Striped), Font (Lato), Company Logo ('Your logo'), Colors, Layout Background (Blank), and Company Tagline (e.g. Global Business Solutions). Below the modal is a preview of an invoice titled 'Invoice INV/2023/00003' with details like Date, Description, Quantity, Unit Price, Tax, and Amount. The invoice total is \$10,000.00.

The screenshot shows a medical software interface. On the left, a sidebar displays patient information for AP004: Patient John, Age ?, Department Emergency, Physician Dr Robert. Below this are tabs for General Information, Clinical Assessment, Vital Signs & Symptoms, D/D & Advice, Other Information, Assigned Nurse, and Consultation Room (Cabin). At the top, there are buttons for Appointment, Online Appointments, Appointment Slots, Configuration, and a New Appointment button. A modal window titled 'More' is open, showing links for Patient Procedures, Preview Documents, Whatsapp, Chat History, Certificates, Consent Form, Surgery, and Vaccinations. To the right, a sidebar shows status indicators: Confirm (green), Waiting (yellow), In consultation (blue), and Done (grey). A timestamp indicates the last update was at 06/11/2025 13:01:37.

## 4. EMERGENCY MODULE

Our Emergency Module provides real-time case prioritization and resource coordination, ensuring life-saving interventions are delivered with maximum efficiency.

The screenshot shows the 'Emergency' module interface. At the top, there are tabs for 'Emergency', 'Emergency', and 'Beds'. A 'New' button is highlighted, and the ID 'ME001' is displayed. To the right are buttons for 'Prescription' and '1/1 < >'.

The main area is titled 'Under Care' and contains the patient's name 'ME001'. Below it, patient details are listed:

Patient ? Henry	Admission Date 06/05/2025 13:46:32
Age ?	Discharge date 06/14/2025 13:00:00
Physician ? Dr Robert	Ward/Room Emergency Ward
Department	Bed No. Bed 1

Below the details, there are tabs for 'General Information', 'Clinical Assessment', 'D/D & Advice', 'Disease History', 'Consumed Products/Services', and 'Other Information'. A note states: 'NOTE: Details are shown based on Patient Evaluation. [Create Evaluation](#)'.

Physical parameters listed include Weight 0.00, Height 0.00, Temp 0.00, RR 0, Systolic/Diastolic BP 0/0, and SpO2 0.

The screenshot shows the 'Beds' section of the Emergency module. At the top, there are tabs for 'Emergency', 'Emergency', and 'Beds'. A 'New' button is highlighted, and a search bar with placeholder text 'Search...' is present. To the right are buttons for '1-1 / 1 < > [ ]'.

The main area displays a single bed entry:

Bed 1
Ward: Emergency Ward
Bed Type: Gatch Bed

# RAPID PATIENT INTAKE & EVALUATION

## Instant Record Creation

Auto-generated emergency case IDs (ME001) with critical patient details.

## Structured Triage Assessment

- Vital sign capture (BP, RR, weight/height)
- Clinical evaluation templates
- Disease history visibility

The screenshot shows a software interface for managing patient intake and evaluation. At the top, there are navigation tabs: 'Emergency' (selected), 'Emergency', and 'Beds'. Below the tabs, a sub-menu shows 'New' and 'Emergency ME001'. On the right side of the header, there are icons for 'Prescription' and other system functions, along with a status bar showing '1 / 1' and navigation arrows.

The main content area is titled 'ME001'. It displays patient details: 'Patient' (Henry), 'Age' (not specified), 'Physician' (Dr Robert), and 'Department'. To the right, it shows 'Admission Date' (06/05/2025 13:46:32), 'Discharge date' (06/14/2025 13:00:00), 'Ward/Room' (Emergency Ward), and 'Bed No.' (Bed 1). A camera icon with a plus sign is visible on the right.

Below the patient details, there is a horizontal tab bar with six categories: 'General Information', 'Clinical Assessment', 'D/D & Advice', 'Disease History', 'Consumed Products/Services', and 'Other Information'. Under 'General Information', there is a note: 'NOTE: Details are shown based on Patient Evaluation. Create Evaluation'. Below this, vital signs are listed: Weight (0.00), Height (0.00), Temp (0.00), RR (0), Systolic/Diastolic BP (0/0), and SpO2 (0).

The screenshot shows a software interface for managing patient intake and evaluation. At the top, there are navigation tabs: 'Emergency' (selected), 'Emergency', and 'Beds'. Below the tabs, a sub-menu shows 'New' and 'Emergency'. On the right side of the header, there are icons for search, filter, and other system functions, along with a status bar showing '1 / 1' and navigation arrows.

The main content area shows a summary card for patient 'ME001 [Henry]'. The card includes the patient's name, physician (Dr Robert), and location (Emergency Ward/Bed 1). There is also a 'Draft' button. To the right of the card, there is a search bar with placeholder text 'Search...' and a dropdown menu.

# DYNAMIC RESOURCE MANAGEMENT

## Bed Status Dashboard

Real-time tracking of:

- Bed types (Gatch Bed)
- Ward assignments (Emergency Ward)
- Availability alerts

## Priority-Based Allocation

Automated bed assignment by case severity

The screenshot shows a software interface for managing beds. At the top, there are tabs for 'Emergency', 'Emergency', and 'Beds'. Below the tabs, a search bar contains the placeholder 'Search...'. On the left, a button labeled 'New' is next to a 'Beds' button with a gear icon. To the right of the search bar, there is a page number '1-1 / 1' and some navigation icons. The main content area displays a single bed entry in a card format. The card shows a small icon of a person in a bed, followed by the text 'Bed 1', 'Ward: Emergency Ward', and 'Bed Type: Gatch Bed'. The background of the dashboard is white.

The screenshot shows a software interface for managing beds, specifically focusing on 'Bed Allocation'. At the top, there are tabs for 'Emergency', 'Emergency', and 'Beds'. Below the tabs, a search bar contains the placeholder 'Search...'. On the left, a button labeled 'New' is next to a 'Beds' button with a gear icon. In the center, there is a button labeled 'Bed Allocation'. To the right, there is a page number '1 / 1' and some navigation icons. The main content area displays a detailed view of a bed. It includes sections for 'Name' (Bed 1), 'Ward/Room' (Emergency Ward), 'Invoice Policy' (Days (Full)), 'Patient' (empty field), 'Department' (Emergency), and 'Notes...' (empty field). To the right, there is a summary table with columns for 'Bed Product' (Bed), 'Price' (1.00), 'Type' (Gatch Bed), and 'Telephone' (empty field). Above the summary table, there are buttons for 'Free', 'Reserved', 'Occupied', and 'Out of Use'. The background of the interface is white.

## 5. HOSPITALIZATION

Our Hospitalization Module provides complete visibility and control over inpatient workflows, integrating clinical, administrative, and financial operations for seamless patient care transitions.

This screenshot shows the Hospitalization module interface. At the top, there are tabs for Hospitalization, Surgery, Beds, Wards/Rooms, Death Register, and Configuration. A sub-menu bar below the tabs includes New, Hospitalization (selected), HOSP001, Procedure (0), Surgery (0), Bed Allocation (0), Evaluations (0), and More. On the right, there are icons for a camera and a plus sign, and a status indicator showing 1/1. Below the tabs, a "Confirm" button is visible. The main content area displays patient details: Hospitalization # (HOSP001), Patient (Henry), Primary Physician (Dr Robert), Primary Doctors (Dr Robert), Diseases (Cholera due to Vibrio cholerae 01...), Hospitalization Date (06/05/2025 13:57:35), Discharge date, Department, and a photo placeholder icon. Below this, there are tabs for General Information, Checklist, Clinical Assessment, and Legal Details. Further down, sections for Patient Relative Name, Number, and Cashless are shown, along with fields for Ward/Room, Bed No., and Admission type (Routine). A "Patient" link is also present.

This screenshot shows the Patient Death Register module. At the top, there are tabs for Hospitalization, Surgery, Beds, Wards/Rooms, Death Register, and Configuration. A sub-menu bar below the tabs includes New, Patient Death Register (selected), and a search/filter section for This Month. To the right, there are icons for a grid, a plus sign, and a search function, and a status indicator showing Hospitalization and Physician. Below the tabs, a table header row shows columns for Status, Name, Patient, and Date of D... There is a note "No Record Found" with a "Click to add new record." link. A dropdown menu is open from the Configuration tab, listing options like Surgery Template, Care Plan Template, Health Center, Hospital Building, Hospital Operation Theater, Checklists, Admission Checklist, and Pre-Ward Checklist. A small icon of a document with a red mark is also visible.

# STRUCTURED ADMISSION PROCESS

## Automated Case Tracking

Unique hospitalization IDs (HOSP001) with:

- Patient-physician assignment (Henry → Dr. Robert)
- Diagnosis documentation (Cholera due to Vibrio cholerae)

## Legal & Administrative Compliance

- Relative contact tracking
- Cashless treatment authorization
- Departmental bed assignment (R1/R2 wards)

The screenshot shows a software interface for managing hospital admissions. At the top, there's a navigation bar with tabs for Hospitalization, Surgery, Beds, Wards/Rooms, Death Register, and Configuration. Below the tabs, a sub-menu bar includes New, Hospitalization (selected), and HOSP001. To the right of the sub-menu are icons for Procedure (0), Surgery (0), Bed Allocation (0), Evaluations (0), and More. On the far right, there are icons for a speaker, a magnifying glass, a refresh, a close button, and a settings gear.

The main content area is titled "Confirm" and shows the following patient information:

- Hospitalization #
- Patient: Henry
- Primary Physician: Dr Robert
- Primary Doctors: Dr Robert
- Diseases: Cholera due to Vibrio cholerae 01...
- Hospitalization Date: 06/05/2025 13:57:35
- Discharge date: (empty)
- Department: (empty)

Below this, there are tabs for General Information, Checklist, Clinical Assessment, and Legal Details. Under General Information, fields include Patient Relative Name, Ward/Room, Bed No., and Admission type (Routine). Under Legal Details, there's a section for Legal Case with a checked checkbox, and options for Reported to police (Yes or No) and FIR No. (56566).

This screenshot shows the Legal Details section of the hospitalization tracking interface. It includes a sub-menu bar with New, Hospitalization (selected), and HOSP001. The main content area has tabs for General Information, Checklist, Clinical Assessment, and Legal Details. Under Legal Details, there is a section for Legal Case with a checked checkbox. Below it, there are options for Reported to police (Yes or No) and FIR No. (56566).

# SURGICAL WORKFLOW INTEGRATION

## End-to-End Surgery Management

- Pre-op checklists → Post-op orders  
→ Discharge summaries
- Surgeon team assignments  
(Primary/Assisting)

## Resource Allocation

- Surgery-specific bed reservations
- Template-driven procedure documentation

Hospitalization Hospitalization Surgery Beds Wards/Rooms Death Register Configuration

New Surgery New Prescription Invoices

Confirm Create Invoice Draft Confirmed Done

Patient Hospitalization

Diseases Date

Surgery Name

General Information Pre Operative Checklist Medication Post-Operative Orders Discharge Summary

TEMPLATE DETAILS SURGEON DETAILS

Surgery Template Tem1 Main Surgeon Dr Robert

Surgery Product P1 Primary Surgeons

Assisting Surgeons

Hospitalization Hospitalization Surgery Beds Wards/Rooms Death Register Configuration

New Surgery New Prescription Invoices

TEMPATE DETAILS SURGEON DETAILS

Surgery Template Tem1 Main Surgeon Dr Robert

Surgery Product P1 Primary Surgeons

Assisting Surgeons

OTHER DETAILS ANESTHESIA DETAILS

Scrub Nurse Anesthetist Dr Smith

Operation Theater Anesthesia

Appointment

Treatment

Department

Insurance Policy

# FINANCIAL & BILLING AUTOMATION

## Real-Time Cost Tracking

- Prescription-to-invoice synchronization
- Automated discharge billing triggers

## Departmental Charge Capture

- Room/ward fees
- Surgical procedure costing

The image displays two screenshots of a hospital financial management system.

**Screenshot 1: Draft Invoice**

This screenshot shows a "Customer Invoice" screen for a "Draft" entry. The customer is listed as "John". The invoice details include an "Invoice Date" of "06/11/2025", a "Payment Reference" of "P1", and a "Currency" of "PKR". The "Invoice Lines" section lists a single item: "Surgery Charges" for "P1" at a quantity of 1.00, with a total price of 1.00 and a tax of 17% (1.00 Rs). The "Tax excl." column shows a value of 1.00.

Product	Label	Quantity	Price	Taxes	Tax excl.
⋮ Surgery Charges	⋮ P1	1.00	1.00	17%	1.00 Rs

**Screenshot 2: Patient Death Register**

This screenshot shows a "Patient Death Register" screen. A dropdown menu is open, showing options such as "Surgery Template", "Care Plan Template", "Health Center", "Hospital Building", "Hospital Operation Theater", "Checklists", "Admission Checklist", and "Pre-Ward Checklist". Below the dropdown, a message says "No Record Found" and "Click to add new record." The header of the screen includes links for "Hospitalization", "Surgery", "Beds", "Wards/Rooms", "Death Register", and "Configuration".

## 6. SURGERY & OT BOOKING

Our Surgery & OT Booking system delivers military-grade coordination from pre-op planning to post-op recovery, integrating all stakeholders through a single command center.

The screenshot shows the Surgery module interface. At the top, there are tabs for Surgery, Surgery, Package, and Configuration. Below the tabs, there are buttons for New, Surgery, Prescription (with a count of 0), and Invoices (with a count of 0). A navigation bar at the bottom includes buttons for Confirm and Create Invoice, and status indicators Draft, Confirmed, and Done.

The main content area is divided into sections: Patient, Hospitalization, Diseases, Date, Surgery Name, General Information, Pre Operative Checklist, Medication, Post-Operative Orders, and Discharge Summary. Below these are sections for TEMPLATE DETAILS (Surgery Template, Surgery Product) and SURGEON DETAILS (Main Surgeon, Primary Surgeons, Assistant Surgeons).

The screenshot shows the OT Booking module interface. At the top, there are tabs for OT Booking, OT Booking, Operation Theater, and Surgery Report. Below the tabs, there are buttons for New, OT Booking, and a camera icon with a plus sign. A navigation bar at the bottom includes buttons for Confirm and Cancel, and status indicators Draft, Confirmed, and a camera icon.

The main content area is titled "New" and contains fields for Operation Theater, Date (06/05/2025 14:25:28), Hospitalization, Treatment, Patient, Surgery Template, Surgery, Note, and a note section. At the bottom, there are buttons for Send message, Log note, Activities, and Today.

# INTELLIGENT OT SCHEDULING

## Real-Time Theater Status

Color-coded availability tracking  
(Free/Occupied)

## Block Scheduling

- 2-hour procedure windows (14:25-16:25)
- Building/floor-level resource mapping

## Automated Cascading Alerts

- Surgeon notifications
- Equipment prep triggers

The screenshot shows a web-based application for managing operation theater bookings. At the top, there's a navigation bar with links for OT Booking, Operation Theater, and Surgery Report. Below the navigation, a modal window is open for a 'New' booking. The modal has tabs for 'Confirm' and 'Cancel'. In the center, there's a large 'New' button. The booking details are listed in a table:

Operation Theater	Date	06/05/2025 14:25:28	→ 06/05/2025 16:25:28
Patient	Hospitalization		
Surgery Template	Treatment		
Surgery			
Note			

On the right side of the modal, there's a camera icon with a plus sign, likely for adding attachments. At the bottom of the modal, there are buttons for 'Send message', 'Log note', and 'Activities'. To the right of the modal, there are icons for search, refresh, and follow.

The screenshot shows a web-based application for managing operation theaters. At the top, there's a navigation bar with links for OT Booking, Operation Theater, and Surgery Report. Below the navigation, a modal window is open for an 'Operation Theater'. The modal has tabs for 'New' and 'Operation Theater'. The details are listed in a table:

Name ?	Current Status	Free
Bulding	Telephone Number ?	0

# SURGICAL PACKAGE CONFIGURATION

## Procedure Templating

- Pre-packaged surgery kits (Product/Description lines)
- Anesthesia protocol integration

## Financial Precision

- Line-item costing (Qty/Price Unit/Discounts)
- Real-time subtotal calculations (0.00 Rs untaxed)

The screenshot shows the 'Surgery' module with the 'Package' tab selected. The main area displays fields for 'Start Date' and 'End Date'. Below these are two tabs: 'Lines' (selected) and 'Description'. A table header row includes columns for 'Product', 'Description', 'Qty', 'Price Unit', 'Discount', 'Taxes', and 'Subtotal'. At the bottom left of the table area, there are buttons for 'Add a line' and 'Add a section'. At the bottom right, it shows 'Untaxed Amount: 0.00 Rs.'

This screenshot shows the same 'Surgery' module and 'Package' tab as the previous one. However, a sidebar menu is open, displaying options: 'Pre-Operative Checklist', 'Surgery Template', and 'Anesthesia'. The main configuration area is identical to the first screenshot, with the 'Lines' tab selected and the table for entering surgical packages.

## END-TO-END CASE MANAGEMENT

### Pre-Op → Op → Post-Op Continuity

- Checklist compliance tracking
- Nursing handoff automation
- Discharge medication reconciliation

### Team Synchronization

- Primary/assisting surgeon assignment
- Anesthesiologist availability checks

The screenshot shows a software application window titled "Surgery". At the top, there are buttons for "New", "Prescription", and "Invoices". Below the title bar, there are buttons for "Confirm" and "Create Invoice". A status bar at the top right indicates "Draft", "Confirmed", and "Done". The main area is divided into sections: "Patient" (with fields for "Diseases" and "Surgery Name"), "Hospitalization" (with a "Date" field), and "General Information", "Pre Operative Checklist", "Medication", "Post-Operative Orders", and "Discharge Summary" tabs. Below these tabs are sections for "TEMPLATE DETAILS" (with "Surgery Template" and "Surgery Product" fields) and "SURGEON DETAILS" (with "Main Surgeon", "Primary Surgeons", and "Assisting Surgeons" fields). A vertical scrollbar is visible on the right side of the main content area.

The screenshot shows a software application window titled "Package". At the top, there are buttons for "New", "Configuration", and "Pricelist". The "Configuration" tab is selected. A dropdown menu shows options: "Pre-Operative Checklist", "Surgery Template", and "Anesthesia". Below the configuration section, there are fields for "Start Date" and "End Date". A table header row includes columns for "Product", "Description", "Qty", "Price Unit", "Discount", "Taxes", and "Subtotal". Below the table, there are buttons for "Add a line" and "Add a section". At the bottom right, it says "Untaxed Amount: 0.00 Rs.". A vertical scrollbar is visible on the right side of the main content area.

## 7. TREATMENTS & PRESCRIPTIONS

Our Treatment & Prescription system creates an unbroken clinical chain from diagnosis to drug administration, powered by real-time decision support and automated safety checks.

The screenshot shows the 'Treatment Detail' section of a medical software. At the top, there are tabs for 'Treatments', 'Patient Procedures', and 'Configuration'. Below the tabs, there are buttons for 'New', 'Treatment', 'Body Chart', 'View Invoice', 'Appointments', 'Patient Procedures', and 'More'. A toolbar at the bottom includes 'Confirm', 'Create Invoice', 'Cancel', and status indicators for 'Draft', 'Running', and 'Completed'. The main area is titled 'Treatment Detail' and contains fields for 'Patient', 'Physician', 'Diagnosis', 'Age when diagnosed', 'Department', 'Date of Diagnosis', 'End Date', and 'Primary Doctors'. Below these fields is a section for 'Findings from treatment...' and a 'PRESCRIBED MEDICINE' section.

The screenshot shows the 'Prescription Order' section of a medical software. At the top, there are tabs for 'Prescription', 'Configuration', and 'Prescription'. Below the tabs, there are buttons for 'New', 'Prescription Order', and a camera icon. A toolbar at the bottom includes 'Confirm', 'Draft', and 'Prescribed'. The main area contains fields for 'Patient', 'Prescribing Doctor', 'Medicaments Group', 'Diseases', 'Prescription Date', and 'Pregnancy Warning'. Below these fields is a section for 'Prescription Lines' and 'General Information'. The 'Prescription Lines' section includes columns for 'Medicine Name', 'Dosage/Frequency', 'Qty Dose', 'Days', 'Total Qty', and 'Comment'. At the bottom of the 'Prescription Lines' section are buttons for 'Add a line', 'Add a section', and 'Add a note'.

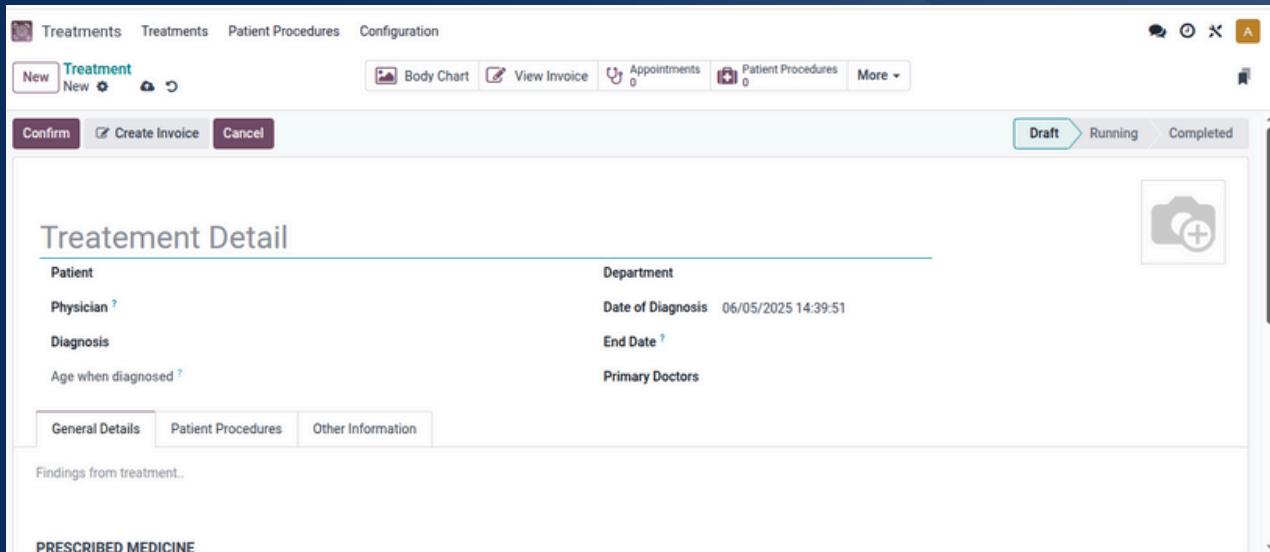
# STRUCTURED TREATMENT PROTOCOLS

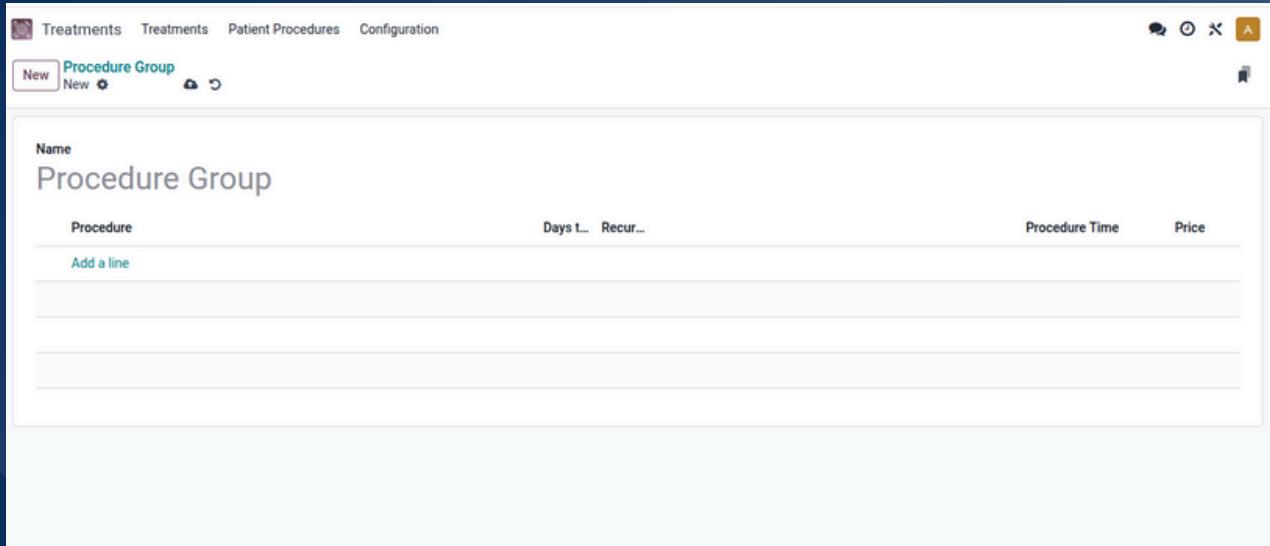
## Procedure Standardization

- Grouped treatment plans with duration/recurrence tracking
- Time-cost matrices for resource planning

## Therapy Roadmapping

- Day-by-day regimen visualization
- Cross-departmental procedure synchronization

A screenshot of a software interface titled "Treatment Detail". The top navigation bar includes "Treatments", "Patient Procedures", and "Configuration". Below the navigation is a toolbar with "New", "Treatment", "Body Chart", "View Invoice", "Appointments", "Patient Procedures", and "More". A status bar at the bottom shows "Draft", "Running", and "Completed". The main form has sections for "Patient" (Physician, Diagnosis, Age when diagnosed) and "Department" (Date of Diagnosis, End Date, Primary Doctors). A tab bar at the bottom includes "General Details", "Patient Procedures", and "Other Information". A note "Findings from treatment..." is present. A "PRESCRIBED MEDICINE" section is visible at the bottom.

A screenshot of a software interface titled "Procedure Group". The top navigation bar includes "Treatments", "Patient Procedures", and "Configuration". Below the navigation is a toolbar with "New", "Procedure Group", "Body Chart", and "View Invoice". The main form has a "Name" field and a table for "Procedure Group". The table columns are "Procedure", "Days t...", "Recur...", "Procedure Time", and "Price". A button "Add a line" is available to add more rows.

# SMART PRESCRIPTION ENGINE

## Medication Safety System

- Pregnancy/contraindication alerts
- Dosage calculators  
(Qty/Days/Total Qty)
- Drug-disease interaction flags

## Intelligent Grouping

- Physician-specific formulary limits
- Condition-based medication kits

This screenshot shows the Prescription Order screen. At the top, there are tabs for 'Prescription', 'Prescription', and 'Configuration'. Below that, a 'New' button is highlighted, followed by 'Prescription Order' and other icons. A 'Confirm' button is visible on the left. On the right, there are status indicators for 'Draft' and 'Prescribed'. The main area contains fields for 'Patient', 'Prescribing Doctor', and 'Medicaments Group'. To the right, there are sections for 'Diseases', 'Prescription Date' (06/05/2025 14:41:22), and 'Pregnancy Warning' with a checkbox. A table header for 'Prescription Lines' includes columns for 'Medicine Name', 'Dosage/Frequency', 'Qty Dose', 'Days', 'Total Qty', and 'Comment'. Below the table, there are buttons for 'Add a line', 'Add a section', and 'Add a note'.

This screenshot shows the Medicaments Group screen. At the top, there are tabs for 'Prescription', 'Prescription', and 'Configuration'. Below that, a 'New' button is highlighted, followed by 'Medicaments Group' and other icons. The main area has a 'Name' field containing 'Medicine Group'. Below it, there are sections for 'Physician' (with a 'Limit' of 0) and 'Diseases'. A table header for 'Medicine Name' includes columns for 'Allow ...', 'Dosage Frequency', 'Dosage', 'Unit of Dosage', 'Category', 'Qty Per D...', 'Days', 'Total Qty', and 'Comment'. Below the table, there are buttons for 'Add a line'.

## 8. MEDICINES & PHARMACY

CODCrafters HMS provides a fully integrated pharmacy solution that synchronizes medication management across clinical, inventory, and financial workflows while ensuring complete medication safety.

The screenshot shows the CODCrafters HMS Medicines module interface. At the top, there are tabs for Medicines, Medicines, Medicament Group, Product Kit, and Configuration. A search bar with placeholder text "Search..." is positioned above a grid of product cards. The grid contains 10 items, each with a small image, the product name, its code in brackets, and its price. The items listed are:

- A 1 5mg Tablet [MED-5719] Price: 12.33 Rs.
- A Clin Gel [MED-4155] Price: 110.00 Rs.
- A Cort 0.5mg Tablet [MED-5354] Price: 3.80 Rs.
- A Flox OZ 200 mg/500 mg Tablet [MED-4185] Price: 89.10 Rs.
- A Nil Tablet [MED-6145] Price: 6.72 Rs.
- A 250 Suspension [MED-5434] Price: 28.50 Rs.
- A Clo SP Tablet [MED-3141] Price: 70.00 Rs.
- A Doxid 100mg Capsule [MED-1566] Price: 26.30 Rs.
- A Kare CombiPack [MED-182] Price: 595.00 Rs.
- A Plus 100mg/500mg Tablet [MED-2485] Price: 40.00 Rs.
- A Cef 1gm Injection [MED-2444] Price: 50.30 Rs.
- A Cold 5mg/500mg/30mg Tablet [MED-3918] Price: 19.00 Rs.
- A Doxid L 100mg Capsule [MED-2203] Price: 60.00 Rs.
- A Mol 650mg Tablet [MED-2075] Price: 9.00 Rs.
- A Ret HC Cream [MED-771] Price: 166.00 Rs.

The screenshot shows the CODCrafters HMS Product Kit module interface. At the top, there are tabs for Medicines, Medicines, Medicament Group, Product Kit, and Configuration. A "New Product Kits" button is highlighted. Below the tabs, there's a "Name" field containing "Product Kit Name". Underneath, there's a table with columns for Product, Unit of Measure, Quantity, Product Pri..., and Total Price. A link "Add a line" is visible. At the bottom, there's a "DESCRIPTION" section with a "Description..." placeholder.

Product	Unit of Measure	Quantity	Product Pri...	Total Price
Add a line				

# INTELLIGENT MEDICATION MASTER

## Comprehensive Drug Database

- Medications with pricing
- Formulation-specific tracking  
(Tablets/Injections/Creams)

## Smart Cataloging

- Unique MED-codes for inventory control
- Therapeutic category tagging

This screenshot shows the 'Product Kits' section of the application. It includes a table for entering product details like name, unit of measure, quantity, price, and a description area.

This screenshot displays a catalog of medications. Each item is listed with its name, MED code, and price. Examples include A1 Sero Tablet, A250 Suspension, A Cef 500mg/50mg Tablet, and A Ret HC Cream.

This screenshot shows the 'Medicaments Group' section. It includes fields for the group name, physician, diseases, and a detailed table for managing individual medicine entries with columns for medicine name, dosage frequency, dosage, unit of dosage, category, quantity per dose, days, total quantity, and comments.

# PRECISION PRESCRIPTION MANAGEMENT

## Physician Workbench

- Dose calculators (Qty/Days/Total)
- Condition-based medication grouping
- Formulary limit enforcement

## Safety Protocols

- Drug-disease contraindication alerts
- Pregnancy

This screenshot shows the 'Prescription Order' screen. At the top, there are tabs for 'Prescription', 'Prescription', and 'Configuration'. Below the tabs, there's a 'New' button and a 'Prescription Order' section with a 'New' button and a file icon. The main area is divided into two columns: 'Patient' and 'Diseases'. Under 'Patient', fields include 'Prescribing Doctor' and 'Medicaments Group'. Under 'Diseases', fields include 'Prescription Date' (06/11/2025 13:23:29) and 'Pregnancy Warning' (unchecked). Below these columns are two tabs: 'Prescription Lines' (selected) and 'General Information'. The 'General Information' tab contains sections for 'Appointment' (with 'Deliver only Once' checked), 'Insurance Policy' (with 'Insurance Company'), 'Pickings', 'Treatment', 'Delivered' (unchecked), and 'Surgery'. There's also a 'Hospitalization?' field with a question mark. At the bottom, there's a 'Notes' section.

This screenshot shows the 'Medicaments Group' screen. At the top, there are tabs for 'Prescription', 'Prescription', and 'Configuration'. Below the tabs, there's a 'New' button and a 'Medicaments Group' section with a 'New' button and a file icon. The main area has a 'Name' field containing 'Medicine Group'. Below it, there are sections for 'Physician' (with 'Limit' set to 0) and 'Diseases'. A table below lists medications with columns: 'Medicine Name', 'Allow ...', 'Dosage Frequency', 'Dosage', 'Unit of Dosage', 'Category', 'Qty Per D...', 'Days', 'Total Qty', and 'Comment'. There is a link 'Add a line' and four empty rows for adding new entries.

# AUTOMATED PHARMACY OPERATIONS

## Kit Assembly

- Pre-configured treatment packages
- Batch production tracking

## Seamless Billing Integration

- One-click invoice generation
- Online payment reconciliation
- Insurance claim automation

Screenshot of the Product Kit creation interface:

**Product Kit Name:** Product Kit Name

Product	Unit of Measure	Quantity	Product Pri...	Total Price
Add a line				

**DESCRIPTION:** Description...

Screenshot of the Customer Invoices list interface:

Number	Customer	Invoice Date	Due Date	Activities	Tax Excluded	Total	Total in Currency	Payment	Status
REF0001		07/07/2017				100.00	100.00		Posted
REF0002		05/07/2017				150.00	150.00		Draft
REF0003		06/07/2017				200.00	200.00		Posted
REF0004		07/07/2017				250.00	250.00		Cancelled
REF0005		08/07/2017				300.00	300.00		Draft
REF0006		09/07/2017				350.00	350.00		Posted
REF0007		10/07/2017				400.00	400.00		Cancelled
REF0008		11/07/2017				450.00	450.00		Draft
REF0009		12/07/2017				500.00	500.00		Cancelled
REF0010		05/15/2017				550.00	550.00		Posted

**Click to create a customer invoice.**

Odoo's electronic invoicing allows to ease and fasten the collection of customer payments. Your customer receives the invoice by email and he can pay online and/or import it in his own system.

The discussions with your customer are automatically displayed at the bottom of each invoice.

## 9. LABORATORY & RADIOLOGY

CODCrafters HMS delivers end-to-end diagnostic coordination, connecting test ordering, sample tracking, and result delivery into a unified clinical intelligence platform.

The screenshot shows the 'Lab Requests' section of the CODCrafters HMS interface. At the top, there are tabs for 'New', 'Lab Requests', 'Lab Test Results', 'Lab Samples', and 'Configuration'. Below the tabs, there are buttons for 'Submit Request' and 'Send by Whatsapp'. A status bar at the top right indicates 'Draft' and other stages: Requested, Accepted, In Progress, and Done. The main form fields include:

- Patient: Henry
- Age:
- Date: 06/05/2025 15:02:57
- Prescribing Doctor:
- Test Group:
  - Is Group Request:
  - Booked Online:
- Schedule Date:
- Buttons: Lines, Other Information

The screenshot shows the 'Radiology Test Results' section of the CODCrafters HMS interface. At the top, there are tabs for 'Radiology', 'Radiology Requests', 'Radiology Test Results', and 'Configuration'. Below the tabs, there is a 'New' button and a dropdown menu for 'Radiology Tests' and 'Radiology Group'. The main area features a table with columns: Test ID, Test, Patient, Test Date, and Status. A large central message states 'No Record Found' with a smiley face icon and a call to action: 'Click to add new Radiology Test Result.'

# INTELLIGENT TEST ORDERING

## Smart Requisition

- Patient-linked requests with auto-timestamping
- Group test panels for comprehensive profiling

## Multi-Channel Distribution

- WhatsApp result sharing
- External lab routing capabilities

The screenshot shows the 'Lab Requests' section of a software application. At the top, there are tabs for 'Laboratory', 'Lab Requests', 'Lab Test Results', 'Lab Samples', and 'Configuration'. The 'Lab Requests' tab is active, indicated by a red background. Below the tabs, there are buttons for 'New' (highlighted in red), 'Send by Whatsapp', and 'Test Samples'. A progress bar at the top right shows 'Draft' (green), 'Requested' (yellow), 'Accepted' (blue), 'In Progress' (orange), and 'Done' (grey). The main area contains fields for 'Patient' (Henry), 'Age' (optional), 'Date' (06/05/2025 15:02:57), 'Prescribing Doctor' (optional), 'Test Group' (optional), 'Is Group Request' (checkbox), 'Booked Online' (checkbox), and 'Schedule Date' (optional). At the bottom, there are tabs for 'Lines' and 'Other Information'.

The screenshot shows the 'Lab Test Results' section of the software. The 'Configuration' tab is active. A dropdown menu is open, listing options: 'Lab Tests', 'Lab UOM', 'Laboratory', 'Collection Center', 'Laboratory Group', and 'Laboratory Sample Type'. Below the dropdown, there is a table with one row showing 'Test ID' (RLR001), 'Test' (CBC), and 'Patient' (Henry). To the right of the table, there are buttons for '1-1 / 1', navigation arrows, and icons for 'Print', 'Save', and 'Delete'. The status of the row is 'Draft'.

# SAMPLE LIFECYCLE TRACKING

## Chain of Custody

- Barcoded sample identification
- Collection center assignments

## Status Visibility

- Real-time progress tracking (Pending/In-Progress/Completed)
- Technician accountability logging

This screenshot shows the 'Lab Requests' section of the application. At the top, there are tabs for 'New', 'Lab Requests', 'Lab Test Results', 'Lab Samples', and 'Configuration'. Below the tabs, there's a search bar labeled 'Test Samples' and a status filter with options: Draft, Requested, Accepted, In Progress, and Done. A prominent red button at the bottom left says 'Submit Request'. There are also buttons for 'Send by Whatsapp' and a trash icon.

This screenshot shows the 'Configuration' section. On the left, there's a table with columns 'Name' and 'Lab Request'. A dropdown menu is open over the 'Name' column, listing options: Lab Tests, Lab UOM, Laboratory, Collection Center, Laboratory Group, and Laboratory Sample Type. To the right of the table is a search bar and a grid of icons for filtering and sorting.

This screenshot shows a detailed view of a 'Lab Request' form. It includes fields for 'Patient' (Henry), 'Age' (7), 'Date' (06/05/2025 15:02:57), 'Prescribing Doctor' (7), 'Test Group' (with checkboxes for 'Is Group Request' and 'Booked Online'), and 'Collection Center' (with a checkbox for 'Send to Other Laboratory'). At the bottom, there are tabs for 'Lines' and 'Other Information'.

# RADIOLOGY WORKFLOW AUTOMATION

## Modality-Agnostic Management

- Unified dashboard for X-ray/MRI/CT/USG
- Priority flagging for STAT cases

## Structured Reporting

- DICOM integration with PACS
- Normal range auto-flagging

This screenshot shows the 'Radiology Requests' submission interface. At the top, there are tabs for 'Radiology', 'Radiology Requests', 'Radiology Test Results', and 'Configuration'. Below the tabs, a 'New' button is highlighted in red. A 'Submit Request' button is visible on the left, and a 'Send by Whatsapp' button is on the right. A progress bar at the top right indicates the status: 'Draft' (highlighted in green), 'Requested', 'Accepted', 'In Progress', and 'Done'. The main form contains fields for 'Patient' (set to 'John'), 'Age' (with a question mark icon), 'Date' (set to '06/11/2025 13:47:58'), 'Prescribing Doctor' (with a question mark icon), 'Test Group', and 'Is Group Request' (with an unchecked checkbox). Below the form are tabs for 'Lines' and 'Other Information'. At the bottom, there are columns for 'Test', 'Turnaround Time', 'Sale Price', 'Special Instructions', and 'Is Mana...'. The entire interface has a clean, modern design with a light blue header and white background.

This screenshot shows the 'Radiology Requests' list view. At the top, there are tabs for 'Radiology', 'Radiology Requests', 'Radiology Test Results', and 'Configuration'. Below the tabs, a search bar contains the text 'Today's Investigation' and a search icon. To the right of the search bar are navigation icons for '1-1 / 1', arrows, and a refresh symbol. The main area displays a table with columns: 'Request Number' (checkbox), 'Patient' (link to 'John'), 'Date' (set to '06/11/2025 13:47:58'), 'Prescribing Doctor' (with a question mark icon), 'Activities' (with a clock icon), and 'Status' (set to 'Draft'). The table has a light gray background with alternating row colors. The overall layout is clean and professional.

Request Number	Patient	Date	Prescribing Doctor	Activities	Status
	John	06/11/2025 13:47:58			Draft

## 10. VACCINATION MODULE

CODCrafters HMS Vaccination Module provides end-to-end immunization management, ensuring complete vaccine coverage through intelligent scheduling, documentation, and recall systems.

This screenshot shows the 'Vaccination' module interface. At the top, there are tabs for 'Vaccination', 'Vaccination', 'Vaccine', and 'Vaccination Group'. The 'Vaccination' tab is active, indicated by a green background. Below the tabs, there are buttons for 'New' (highlighted in red), 'Done', and 'Cancel'. On the right, there are buttons for 'Scheduled' and 'Done'. The main form area contains fields for 'Name' (placeholder 'Name'), 'Patient' (placeholder 'Vaccination ?'), 'Due Date', 'Given Date', 'Next Dose Date', 'Physician' (placeholder 'Lot/Serial Number'), 'Dose #', 'Observations', and 'Batch Photo' (with a 'Upload your file' button). At the bottom of the form, there are buttons for 'Send message', 'Log note', and 'Activities'. To the right of the form, there are icons for search, filter, and follow, along with a date indicator 'Today'.

This screenshot shows the 'Vaccination Group' configuration screen. At the top, there are tabs for 'Vaccination', 'Vaccination', 'Vaccine', and 'Vaccination Group'. The 'Vaccination Group' tab is active, indicated by a green background. Below the tabs, there is a 'New' button and a placeholder 'Covid'. On the right, there is a page number '1 / 1' and navigation arrows. The main form area has a 'Group Name' field containing 'Covid'. Below it is a section titled 'MEDICAMENTS GROUP' with a table. The table has columns for 'Product' (with rows for 'P1' and 'P2') and 'Days t...' (with values '0' and '0'). There is also a 'Add a line' button and a large empty text area at the bottom.

# PATIENT IMMUNIZATION RECORDS

## Complete Vaccine History

- Dose-level tracking (Dose #0 → Next Dose Date)
- Lot/batch documentation for traceability

## Multi-Media Documentation

- Batch photo upload capability
- Clinical observation logging

This screenshot shows a software application window titled "Vaccination". The main area displays a form for a new vaccination entry. The form includes fields for "Name", "Patient", "Vaccination?", "Due Date", "Given Date", "Next Dose Date", "Physician", "Lot/Serial Number", "Dose #", "Observations", and a "Batch Photo" section with a "Upload your file" button. Below the form are buttons for "Send message", "Log note", and "Activities". A search bar and a "Follow" button are located at the bottom right. The top navigation bar has links for "Vaccination", "Vaccination Group", "Vaccine", and "Vaccination Group".

This screenshot shows a software application window titled "Vaccination Group". It displays a list of groups, with "Covid" being the only item visible. The interface includes a "Search..." field, a page number indicator "1-1 / 1", and navigation arrows. The top navigation bar has links for "Vaccination", "Vaccination Group", "Vaccine", and "Vaccination Group".

# INTELLIGENT SCHEDULING SYSTEM

## Automated Dose Calculation

- Due Date/Given Date/Next Dose tracking
- Age-specific regimen enforcement

## Multi-Channel Reminders

- SMS/Email/WhatsApp recall notifications
- Missed dose escalation alerts

Patient

Vaccination ?

Due Date

Given Date

Next Dose Date

Physician

Lot/Serial Number

Dose # 0

Observations

Batch Photo

---

Today

Vaccination Vaccination Vaccine Vaccination Group									
<input type="button" value="New"/> Vaccination									
<input type="button" value="Search..."/> <span style="float: right;">1-1 / 1 &lt; &gt; <input type="button" value="Print"/> <input type="button" value="Email"/> <input type="button" value="Grid"/> <input type="button" value="A"/></span>									
<input type="checkbox"/>	Name	Patient	Vaccination	Due Date	Given Date	Lot/Serial Number	Dose #	Next Dose Date	Status
	VC001	Henry	Covid 1	06/12/2025	06/11/2025		0	07/02/2025 13:00:00	<input type="button" value="To invoice"/>

## 11. INSURANCE INTEGRATION

CODCrafters HMS delivers end-to-end insurance orchestration, eliminating administrative burdens while maximizing reimbursement efficiency across all service lines.

The screenshot shows the 'Insurance Policy' section of the CODCrafters HMS interface. At the top, there's a navigation bar with links for Insurance, Insurance Policy, Claim, Claim Sheet, and Configuration. Below the navigation, a sub-menu bar shows 'New' and 'Insurance Policy' with a 'New' button. The main area is titled 'Patient' and displays the name 'Henry'. Under 'Insurance Company', there are fields for 'Insured Value' (0.00) and 'Validity'. A checkbox labeled 'Show Patient Share in Insurance Invoice' is checked. Below this, there are tabs for 'Coverage & Deduction' and 'Patient Share Rules'. At the bottom, there are sections for 'APPOINTMENT', 'PHARMACY', 'RADIOLOGY', and 'SURGERY'.

The screenshot shows the 'Claim Sheet' configuration section. The top navigation bar includes 'Insurance', 'Insurance Policy', 'Claim', 'Claim Sheet', and 'Configuration'. The 'Configuration' tab is active, indicated by a blue border. A sub-menu dropdown for 'Insurance Company' is open, listing 'Insurance Plan', 'TPA', 'Checklist', and 'Req Documents'. Below the dropdown, there's a search form with fields for 'Name', 'Date From', 'Date To', and 'Status'. A large central area features a placeholder icon of a document with a smiley face, accompanied by the text 'No Record Found' and the instruction 'Click to add new Business Commission.'

# CENTRALIZED POLICY ADMINISTRATION

## Unified Patient Coverage View

- Policy details  
(Number/Validity/Plan)
- Insured value tracking (0.00  
balance alerts)

## Multi-Payer Support

- Custom pricelists per insurer
- Patient share calculation rules

This screenshot shows the 'Insurance Policy' screen for a patient named Henry. At the top, there's a navigation bar with links for Insurance, Insurance Policy, Claim, Claim Sheet, and Configuration. Below the navigation, there's a toolbar with buttons for New, Save, Undo, Redo, and Print.

The main area is titled 'Patient' and shows 'Henry'. It includes sections for 'Insurance Company' (with 'Insured Value' set to 0.00), 'Policy Number', 'Insurance Plan', and 'Pricelist'. There are two tabs at the bottom: 'Coverage & Deduction' (selected) and 'Patient Share Rules'.

Below this, there are four main service categories: APPOINTMENT, PHARMACY, RADIOLOGY, and SURGERY. Under APPOINTMENT, there are fields for 'Insured Appointments' (checkbox checked), 'Appointment Insurance Type' (Percentage), 'Appointment Insured Percentage' (0.00), 'Appointment Insurance Limit' (0.00), and 'Appointment Create Claim' (checkbox). Under PHARMACY, there are fields for 'Insured Pharmacy' (checkbox checked), 'Pharmacy Insurance Type' (Percentage), 'Pharmacy Insured Percentage' (0.00), 'Pharmacy Insurance Limit' (0.00), and 'Pharmacy Create Claim' (checkbox). Under RADIOLOGY and SURGERY, there are fields for 'Insured Radiology' (checkbox) and 'Insured Surgery' (checkbox).

This screenshot shows the 'Insurance Policy' screen with more detailed settings. The top navigation and toolbar are identical to the previous screenshot.

The main area has four main service categories: APPOINTMENT, PHARMACY, RADIOLOGY, and SURGERY. Under APPOINTMENT, there are fields for 'Insured Appointments' (checkbox checked), 'Appointment Insurance Type' (Percentage), 'Appointment Insured Percentage' (0.00), 'Appointment Insurance Limit' (0.00), and 'Appointment Create Claim' (checkbox). Under PHARMACY, there are fields for 'Insured Pharmacy' (checkbox checked), 'Pharmacy Insurance Type' (Percentage), 'Pharmacy Insured Percentage' (0.00), 'Pharmacy Insurance Limit' (0.00), and 'Pharmacy Create Claim' (checkbox). Under RADIOLOGY, there is a field for 'Insured Radiology' (checkbox). Under SURGERY, there is a field for 'Insured Surgery' (checkbox).

## AUTOMATED SERVICE AUTHORIZATION

### Real-Time Eligibility Checks

- Appointment/Pharmacy/Radiology /Surgery coverage
- Pre-approval workflow integration

### Intelligent Cost Splitting

- Deductible tracking
- Co-pay automation

The screenshot shows a software application window titled "Insurance Policy". At the top, there are tabs for "Insurance", "Insurance Policy", "Claim", "Claim Sheet", and "Configuration". Below the tabs, there are buttons for "New" and "New". On the left, there are dropdown menus for "Insurance Company", "Policy Number", "Insurance Plan", and "Pricelist". To the right, there are fields for "Insured Value" (set to 0.00) and "Validity". A checkbox labeled "Show Patient Share in Insurance Invoice" is checked. Below these settings, there are four main sections: "APPOINTMENT", "PHARMACY", "RADIOLOGY", and "LABORATORY". Each section contains two checkboxes: "Insured Appointments" and "Insured Pharmacy" under APPOINTMENT; "Insured Radiology" and "Insured Surgery" under RADIOLOGY; and "Insured Surgery" under LABORATORY.

This is a zoomed-in view of the "APPOINTMENT" section from the previous screenshot. It shows the "Insured Appointments" checkbox, which is currently unchecked. The rest of the interface elements are visible but slightly faded.

## 12. FACILITY & FLEET MANAGEMENT

CODCrafters HMS provides comprehensive visibility and control over your healthcare infrastructure, combining facility operations with intelligent fleet management in a unified command center.

The screenshot shows the Facility Activity module. At the top, there are tabs for Facility, Facility Activity, and Configuration, with Facility Activity selected. Below the tabs, a sub-tab bar shows New, Activity (selected), and FA001. On the right, there are buttons for Draft and Done, with Draft currently active. The main content area displays activity details: Activity Name (Bed Occupancy), Date (06/08/2025), Assigned To (Dr Robert), Reviewer (Dr Robert), and Review Date (06/20/2025). A Remark section is present but empty. At the bottom, there are buttons for Send message and Log note, along with a search bar and user icons.

The screenshot shows the Fleet Management module. At the top, there are tabs for Fleet, Fleet, Reporting, and Configuration, with Fleet selected. Below the tabs, a sub-tab bar shows New, Vehicles (selected), and Audi/A1/0000. On the right, there are buttons for New Request, To Order, Registered, and Downgraded, with New Request active. The main content area displays vehicle details: Model (Audi/A1), License Plate (0000), Tags, Driver (empty), and Vehicle (empty). To the right, there is an Audi logo. At the bottom, there are buttons for Driver, Mobility Card, Future Driver, Plan To Change Car, Category, Order Date, Registration Date (06/05/2025), and Cancellation Date.

# SMART FACILITY MONITORING

## Real-Time Activity Tracking

- Facility analytics
- Maintenance task assignment
- Review cycle automation

## Preventive Workflow Management

- Draft → Done status progression
- Remark logging for audit trails

This screenshot shows the detail view for Facility Activity FA001. The top navigation bar includes 'Facility', 'Facility Activity', and 'Configuration'. The sub-navigation bar shows 'New' and 'Activity' (selected), with 'FA001' listed below it. A status indicator 'Done' is on the left, and a progress bar at the top right shows 'Draft' on the left and 'Done' on the right, with the cursor hovering over the transition area.

**FA001**

Activity Name	Bed Occupancy	Reviewer	Dr Robert
Date	06/08/2025	Review Date	06/20/2025
Assigned To	Dr Robert	Remark	

This screenshot shows the configuration table for Facility Activity. The top navigation bar includes 'Facility', 'Facility Activity', and 'Configuration'. The sub-navigation bar shows 'New' and 'Activity' (selected), with 'Master Data' selected in the dropdown. A search bar with 'Not Done' and a 'Search...' placeholder is present. A status indicator '1-1 / 1' is on the right.

Sequence	Activity Name	Date	Assigned To	Reviewer	Review Date	Status
FA001	Bed Occupancy	06/08/2025	Dr Robert	Dr Robert	06/20/2025	Draft

# PRECISION FLEET CONTROL

## Vehicle Lifecycle Management

- Registration to retirement tracking
- Driver-card pairing (Mobility Card)

## Maintenance Orchestration

- Service contract integration
- Odometer-based scheduling

The screenshot displays two main sections of the Precision Fleet Control application.

**Vehicle Details View:**

- Header:** Fleet, Fleet, Reporting, Configuration. Submenu: New, Vehicles (selected), Audi/A1/0000.
- Top Bar Buttons:** Drivers History (0), Contracts (0), Services (0), Odometer (0).
- Toolbar:** New Request, To Order, Registered, Downgraded. Status: 1/1.
- Vehicle Information:**
  - Model:** Audi/A1
  - License Plate:** 0000
  - Tags:** None listed.
  - Driver:** None assigned.
  - Vehicle:**
    - Category:** None assigned.
    - Order Date:** None assigned.
    - Registration Date:** 06/05/2025
    - Cancellation Date:** None assigned.
    - Chassis Number:** None assigned.
- Image:** Audi logo.

**Summary Dashboard:**

- Header:** Fleet, Fleet, Reporting, Configuration.
- Submenu:** New, Vehicles (selected).
- Search Bar:** Search...
- Toolbar Buttons:** Filter, List, Grid.
- Summary Metrics:**
  - New Request: 1
  - To Order: 0
  - Registered: 0
  - Downgraded: 0
- Vehicle Preview:** 0000: Audi/A1 (Audi logo).

# UNIFIED RESOURCE DASHBOARD

## Emergency Dispatch Console

- Ambulance availability monitoring
- GPS-enabled fleet tracking

## Asset Utilization Analytics

- Equipment downtime reporting
- Cost-per-mile calculations

This screenshot shows the 'Vehicles' section of the Emergency Dispatch Console. It displays a summary of vehicle statuses: 1 vehicle is 'To Order', 0 are 'Registered', and 0 are 'Downgraded'. A specific vehicle entry for '0000: Audi/A1' is highlighted, showing its Audi logo icon and model name. A search bar at the top right allows users to search for vehicles.

This screenshot shows the 'Configuration' tab of the Asset Utilization Analytics section. It includes a 'Costs Analysis' dropdown, a 'Measures' button, and an 'Insert in Spread' button. A context menu is open over the 'Settings' option, listing 'Models', 'Manufacturers', 'Models', and 'Categories'. On the right, there is a graph with a vertical axis ranging from 0.4 to 1.0 and a horizontal axis labeled 'Contract'. The graph area is currently empty.

# 13. DASHBOARDS & REPORTS

CODCrafters HMS delivers customizable command centers that transform raw data into clinical, operational, and financial intelligence through role-specific dashboards.

The dashboard displays the following key metrics:

- Patients:** 1 Patient (View Details)
- Total Patients:** 0 (View Details)
- Physicians:** 1 Total Phy., 0 Ref. Phy. (View Details)
- Appointments:** 1 Appointments (View Details)
- Total Schedules:** 1 (View Details)
- Open Invoices:** 0 Total, 0 Amount (View Details)
- Treatments:** 0 Running, 0 Total (View Details)
- Average Time:** Wait Time: 00:00, Cons. Time: 00:00
- Todays Birthday:** 0 Employee, 0 Patient

The dashboard displays two main sections: 'Top 10 Physicians' and 'Top 10 Disease'.

**Top 10 Physicians:**

Physician	Total	Avg. Wait Time	Avg. Consultation Time
Dr Robert	4	0.00	0.00

**Top 10 Disease:**

Disease	Appointment Count
None	4

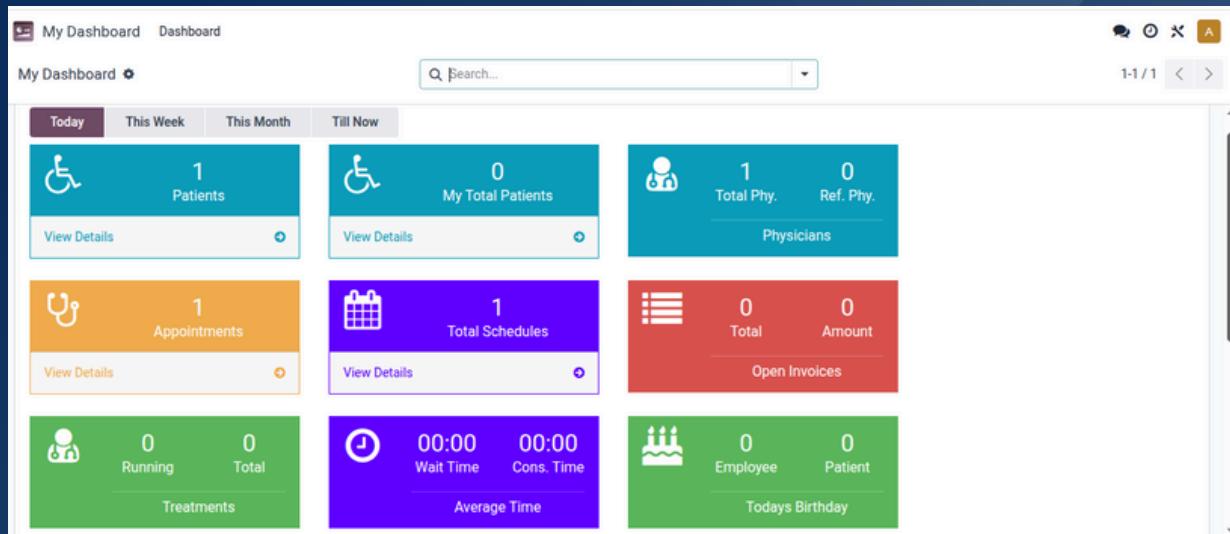
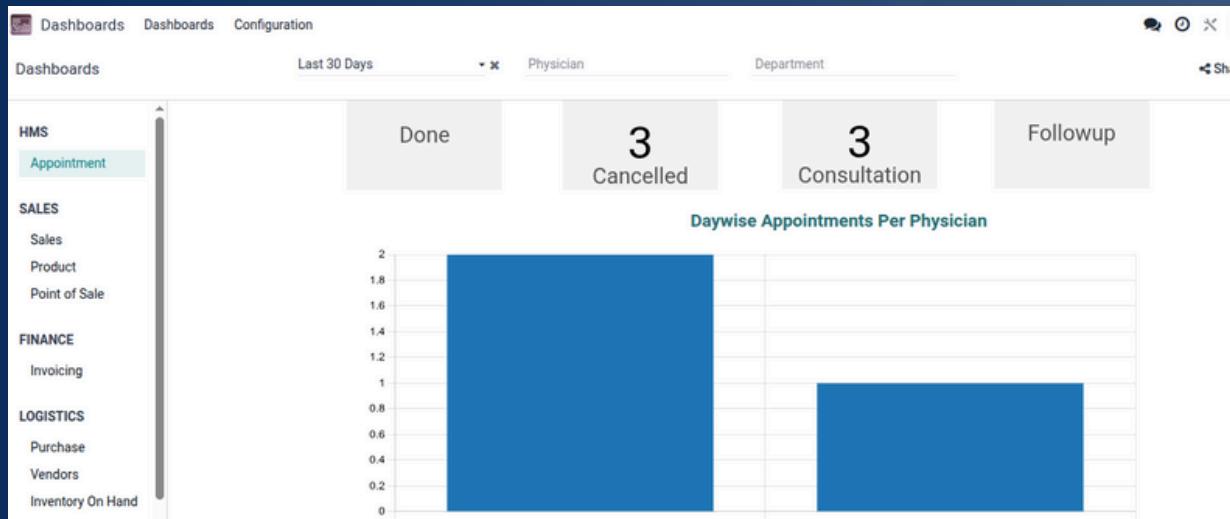
## CLINICAL PRODUCTIVITY SNAPSHOT

### Patient Flow Analytics

- Today/Week/Month patient volumes
- Appointment backlog monitoring

### Treatment Efficiency

- Procedure completion tracking
- Wait time vs consultation time ratios



## SPECIALIZED DEPARTMENT MODULES

### **Gynecology:**

Track prenatal, perinatal, and postnatal care, delivery plans, and gynecological histories.

### **Odontology:**

Manage dental charts, procedures, appointments, and oral health records.

### **Paediatrics:**

Record child growth, vaccinations, and pediatric-specific diagnoses.

### **Ophthalmology:**

Track eye exams, vision correction, and optical prescriptions.

### **Physiotherapy:**

Schedule and monitor sessions, exercises, and therapy progress.

### **Aesthetic Medicine:**

Document cosmetic procedures and treatment outcomes.

### **MR (Medical Records):**

Central repository for all clinical, surgical, and diagnostic records.

## SUPPORTIVE FUNCTIONALITIES

### **Contacts & Employees:**

HR and CRM modules to manage hospital staff, physicians, and patients efficiently.

### **Consent Forms & Certificates:**

Digital document handling with e-signatures and automated template generation.

### **Subscription Management:**

Ideal for private clinics offering membership-based care packages.

### **Invoicing:**

Integrated financial tools for billing, insurance claims, and accounting.

## COMMUNICATION & COLLABORATION

### **WhatsApp Integration:**

Communicate with patients directly via WhatsApp.

### **Website & Online Booking:**

Enable online appointment booking, service listings, and patient engagement.

### **Surveys:**

Gather patient feedback and satisfaction ratings.

### **Calendar & Schedule Management:**

Organize meetings, shifts, and departmental timetables.

## WHY CHOOSE CODCRAFTERS HMS?

### 100% Modular

Deploy what you need, scale as you grow

### Cloud-Ready

Access from anywhere, anytime

### Customizable

Tailored to your hospital's unique workflows

### Global Support

Multilingual, timezone-aware services



CODCrafters

# LET'S TRANSFORM HEALTHCARE TOGETHER

Whether you're a large hospital network or a small clinic, CODCrafters' HMS empowers you to deliver exceptional care while improving operational efficiency.

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**THANK YOU  
FOR YOUR  
ATTENTION**