

Cura Agent is a hospital information system that integrates LLMs to enhance medical decision-making, patient data management, and operational efficiency. The application follows a light-themed, modern visual style optimized for clarity, accessibility, and a calming professional environment suitable for healthcare use. It is designed to assist healthcare professionals in navigating complex hospital workflows with minimal cognitive load, enhanced by structured layouts and visual hierarchy.

Design Notes:

- Theme: Light
- Primary color: Green (#5DAA5D), with accents (#3B8A3B) and dark green highlights (#2A6A2A)
- Background and soft highlights: Light green (#B2E0B2)
- Typography: Sans-serif fonts with medium weight for legibility
- Components: Card-based layout with subtle shadows, soft rounded corners, and visible interactive states
- Icons & Avatars: Minimalist icons with masculine avatars only (exclude women from visuals)

The following screens are prioritized based on their criticality to daily clinical and administrative workflows.

1. Dashboard

Design a clean and efficient dashboard interface for Cura Agent, tailored for hospital staff accessing high-level summaries and real-time updates. The layout should use a card-based system to display metrics such as patient admissions, emergency case load, ICU capacity, appointment flow, and active clinical alerts. The page must prioritize clarity, with green-based visual cues for status and interactivity. Users should quickly grasp hospital-wide performance through structured sections and minimal cognitive effort.

2. Emergency Intake

Create an emergency intake screen that facilitates rapid triage and redirection of incoming emergency patients. The UI should support ultra-fast input, barcode/NID scanning, and minimal field interaction to minimize intake delay. Clearly delineate patient condition severity and suggested flow (ward, surgery, ICU). Visual emphasis should use bold green hues to indicate safety-compliant routing, and the design should facilitate one-handed tablet use for field staff.

3. Patient File Overview

Design a detailed yet navigable patient file overview that includes personal information, medical history, recent tests, treatment plans, and associated documents. The interface should use tabs or vertical sections for subcategories. Maintain clean hierarchy and legibility through consistent green highlights and subtle card containers. Icons for quick actions such as printing or exporting should be minimal, and the avatar used should always be masculine by default.

4. Doctor Consultation View

Create an interface tailored for doctors to conduct and record consultations. The screen should support structured inputs for chronic conditions, family history, medications, and chief complaint. Incorporate responsive forms, expandable sections, and AI-suggested entries powered by LLMs. The theme must maintain medical clarity with white backgrounds and green form borders. Ensure the interface facilitates rapid documentation during live consultation.

5. Lab Orders & Results

Design a dual-purpose screen where doctors can order lab tests and review results. The UI must present available test types in categorized dropdowns or grid tiles. Once ordered, results should be displayed in a chronological list or chart view with interpretation suggestions via LLM integration. Cards showing lab values should use green highlights for normal and dark green for alerts. The interface should prioritize clarity in medical data visualization.

6. Imaging Requests & Results

Construct an interface for submitting imaging requests (X-ray, CT) and viewing corresponding results. Use a clean sidebar structure to navigate between different image types. Include options for AI-generated summaries and annotations. Emphasize visual clarity of the images while preserving the light UI theme. Default avatars, when present, must depict men only.

7. Floor Navigation Map

Develop a digital, interactive hospital map that reflects the multi-floor layout described in the requirements. Users should be able to navigate floors (basement to floor 7), click rooms for details, and view bed occupancy or equipment status. Use a minimalistic top-down schematic style, with floor-specific green tones as a background guide.

8. Patient Flow Tracker

Design a visual workflow interface showing patient movement through departments: emergency, surgery, ICU, wards, etc. Each patient 'card' must display timestamped transitions, status, and next step. Incorporate drag-to-reorder or update functionality for staff. Use green progress indicators and timelines for a calming but dynamic visual experience.

9. Inpatient Room Management

Construct a screen to manage room assignments, bed availability, and occupancy tracking. Display rooms categorized by bed count and color-coded by occupancy status using greens. Include filters for ward, room type, or care level. Masculine avatar placeholders should be used where relevant.

10. ICU Monitoring

Create a data-dense but readable interface for ICU patient monitoring. Use a grid layout to display key metrics (heart rate, oxygen, BP) for each bed. Enable real-time graphing, alerts, and doctor annotations. Apply a darker green for critical conditions and a light background to enhance focus on metrics.

11. Surgery Scheduling

Design an interface for booking and managing surgical operations. Include a weekly calendar view, available surgeons, and patient linkage. Card containers should display procedure type, urgency, and operating room number. Use green to represent available slots and dark green for emergencies.

12. Outpatient Booking

Design an outpatient appointment booking system, supporting new and returning patients. Include calendar widgets, doctor filters, and smart recommendations (LLM-assisted). Keep the layout spacious, intuitive, and consistent with the rest of the light-theme UI.

13. Prescription Generator

Create a screen for doctors to generate prescriptions using AI-suggested medication based on diagnosis. Ensure dosage, frequency, and notes are clearly formatted. The UI should allow template use and exporting or printing. Use card-based input fields and subtle green call-to-actions.

14. Endoscopy Unit Tracker

Design an operational view for tracking endoscopy procedures by type, room, and time. Each procedure should appear as a card on a timeline or list with status indicators. Maintain visual consistency with hospital theme and prioritize procedural clarity.

15. Pediatric Section Management

Develop a pediatric-specific ward screen showing nursery beds, patient ages, and alerts. Icons and visuals should reflect age-specific care but without any feminine imagery. Include tools for vaccination status, feeding schedule, and pediatric notes.

16. Contracts & Payments

Design an administrative interface for managing financial contracts, patient payments, and sponsor tracking. The layout should group by patient, payment type (self/sponsored), and payment progress. Present this with a clean data table, green status indicators, and expandable detail panels.

17. LLM Assistant Chat

Create a dedicated AI assistant chat screen where doctors and staff can ask clinical or operational questions. The UI must resemble a modern chat with AI/LLM avatars (masculine only), response threads, and follow-up suggestions. Include a docked window option for multitasking use.

18. Clinical Decision Support

Design a screen for reviewing AI-assisted decision support suggestions for diagnoses, treatment alternatives, or risk scores. Cards should contain structured suggestions, evidence summaries, and action buttons. Apply green to accepted/safe options and grey to deferred ones.