

MedShare Hub

UI Design & Wireframes



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Secure Healthcare Data Exchange

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1. Design System

1.1 Brand Identity

MedShare Hub's visual identity reflects trust, professionalism, and innovation in healthcare. The design uses calming blues and greens associated with healthcare, complemented by vibrant accent colors for interactive elements.

1.2 Color Palette

Brand Color Palette

							
Primary #2C5F8D	Secondary #34A853	Accent #00BCD4	Success #4CAF50	Warning #FF9800	Error #F44336	Dark Gray #333333	Light Gray #F5F5F5

1.3 Typography

Element	Font	Size	Weight	Usage
Headings H1	Helvetica	24-32px	Bold	Page titles
Headings H2	Helvetica	18-24px	Bold	Section headers
Headings H3	Helvetica	16-18px	Semibold	Subsections
Body Text	Helvetica	14-16px	Regular	Main content
Small Text	Helvetica	12-14px	Regular	Labels, captions
Buttons	Helvetica	14-16px	Bold	Interactive elements

1.4 UI Components

Component	Description	Design Notes
Buttons	Primary, Secondary, Text	Rounded corners (4px), clear hover states
Cards	Content containers	Shadow depth for hierarchy, 8px border radius
Forms	Input fields, dropdowns	Clear labels, inline validation, helpful errors
Tables	Data display	Alternating row colors, sortable headers, pagination

Navigation	Top nav, sidebar	Sticky header, breadcrumbs for deep navigation
Modals	Dialogs, confirmations	Center-screen, backdrop blur, escape to close
Icons	Material Icons	Consistent 24px size, use sparingly
Alerts	Success, Warning, Error	Color-coded, dismissible, auto-hide after 5s

2. Wireframes

2.1 Provider Dashboard

The provider dashboard is the central hub for healthcare professionals. It provides quick access to patient lists, pending tasks, messages, and recent activity. The design prioritizes efficiency and clarity, with a clean layout and intuitive navigation.

Provider Dashboard - Wireframe

The wireframe illustrates the layout of the Provider Dashboard:

- Header:** MedShare Hub, Dashboard, Patients, Records, Messages, Dr. Chen, Settings, and a user icon.
- Search Bar:** A search input field with placeholder text "Search patients..." and a magnifying glass icon.
- Quick Actions:** A button labeled "+ New Record" and a button labeled "Messages".
- Statistics Cards:** Three cards: "My Patients" (247), "Pending Tasks" (12), and "New Messages" (5).
- Recent Patients:** A table listing recent patients with columns: Name, MRN, Last Visit, Status, and Action. The data is as follows:

Name	MRN	Last Visit	Status	Action
Jennifer Park	MRN-001234	2026-01-28	Active	View
Robert Kim	MRN-005678	2026-01-25	Follow-up	View
Maria Garcia	MRN-009012	2026-01-20	Active	View
James Wilson	MRN-003456	2026-01-15	Discharged	View

Footer: HIPAA Compliant | Secure Connection | Last Updated: 2 min ago

- **Search Bar:** Instant patient search with autocomplete
- **Quick Actions:** One-click access to common tasks
- **Statistics Cards:** At-a-glance metrics for patient load and pending items
- **Recent Patients:** Quick access to frequently viewed patient records
- **Status Indicators:** Color-coded badges for patient status

2.2 Patient Medical Record View

The patient record view displays comprehensive medical information in an organized, tabbed interface. Healthcare providers can quickly navigate between different types of records while maintaining context about the patient.

Patient Medical Record - Wireframe

The wireframe illustrates a patient medical record interface. At the top, a header bar includes a back button ('< Back to Dashboard') and a title ('Patient Record'). Below the header is a patient summary card for 'Jennifer Park' (Female, DOB: 03/15/1985, MRN: 001234), with an 'Active Patient' status indicator. A navigation bar below the summary card features tabs for 'Overview', 'Records' (which is selected), 'Lab Results', 'Medications', and 'Allergies'. The main content area displays three record cards: 'Office Visit - Routine Checkup' (Dr. Sarah Chen, 2026-01-28, general checkup, vitals normal), 'Lab Results - Blood Panel' (Quest Diagnostics, 2026-01-25, CBC results attached), and 'Prescription - Lisinopril 10mg' (Dr. Sarah Chen, 2026-01-20, 90-day supply, refills: 2). Each record card includes a 'View Details' button. At the bottom of the interface, a footer bar shows an access log ('Access logged: Dr. Chen viewed record') and a secure status indicator ('Secure').

- **Patient Header:** Always-visible patient demographics and key identifiers
- **Tabbed Navigation:** Easy switching between record types
- **Record Cards:** Visual hierarchy for different record types with color coding
- **Access Logging:** Transparent display of who accessed the record
- **Quick Actions:** Add new records without leaving the view

2.3 Patient Portal

The patient portal empowers individuals to take control of their health information. The design uses friendly colors and clear language to make healthcare data accessible to non-medical users.

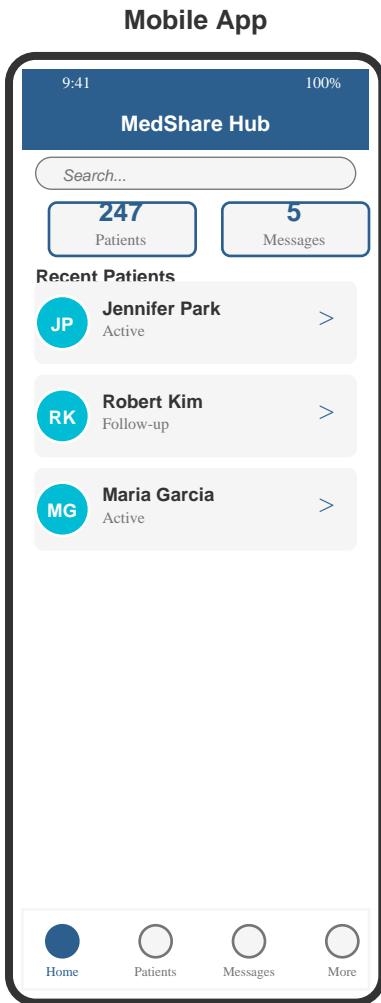
Patient Portal - Wireframe

The wireframe illustrates the layout of a patient portal dashboard. At the top, a green header bar features the "My Health Portal" logo, a user profile for "Jennifer" with a placeholder profile picture, and navigation links for "My Records", "Messages", "Appointments", and "Access Control". Below the header is a large, light-green callout box with rounded corners containing the text "Welcome back, Jennifer!" and a message stating "You have 2 new messages and 1 upcoming appointment". Underneath this is a section titled "Quick Actions" with four buttons: "Download Records" (blue), "Request Appointment" (green), "Manage Consent" (orange), and "View Access Log" (dark blue). The next section, "Recent Activity", displays a list of five recent events, each with a small circular icon and timestamp: "Dr. Chen accessed your cardiac records" (2 hours ago), "Lab results available" (1 day ago), "New message from Dr. Rodriguez" (2 days ago), and "Prescription refill approved" (3 days ago). Finally, the "Health Summary" section contains three boxes with vital signs: "Blood Pressure 120/80", "Glucose 95 mg/dL", and "Medications 3 Active".

- **Personalized Welcome:** Contextual information about new messages and appointments
- **Quick Actions:** Common tasks like downloading records and managing consent
- **Recent Activity:** Transparency into who accessed their records
- **Health Summary:** Easy-to-understand vital signs and medication tracking
- **Access Control:** Granular control over data sharing preferences

2.4 Mobile Application

The mobile app provides on-the-go access for healthcare providers. The design is optimized for single-handed use with large touch targets and simplified navigation.



- **Optimized Layout:** Single-column design for easy scrolling
- **Bottom Navigation:** Thumb-friendly navigation bar
- **Touch Targets:** Minimum 44x44px for all interactive elements
- **Offline Support:** View recently accessed records without connection
- **Biometric Auth:** Face ID / Touch ID for quick, secure access

3. Design Principles

Principle	Implementation
Clarity	Use clear language, avoid medical jargon in patient-facing interfaces. Provide tooltips for technical terms.
Efficiency	Minimize clicks to complete tasks. Use keyboard shortcuts for power users. Provide quick actions.
Accessibility	WCAG 2.1 AA compliance. Support screen readers. Keyboard navigation. High contrast mode.
Security	Visual indicators for secure connections. Timeout warnings. Clear session management.
Consistency	Reusable components across all interfaces. Consistent terminology and icons.
Feedback	Loading states for all actions. Success/error messages. Progress indicators for long operations.
Responsiveness	Mobile-first design. Adaptive layouts for tablets and desktops. Touch-friendly on all devices.
Trust	Professional appearance. HIPAA compliance badges. Transparent audit logs.

Conclusion: The MedShare Hub UI design balances professional healthcare aesthetics with modern, user-friendly interactions. By maintaining consistency across web and mobile platforms while adapting to each platform's strengths, we create a seamless experience for all users.