

Health Pulse

Smart Healthcare Reminder System

Streamline your clinic operations with intelligent automation

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Healthcare Facilities Face Critical Challenges:



Lost Track of Patients Appointments

Clinics and private doctors struggle with follow-up management.

- X Inefficient appointment scheduling
- X Poor patient-doctor communication
- X Disconnected data across departments
- X Lack of real-time analytics for decision making



Market Opportunity

Medical Dashboard Pro - All-in-One Platform

Smart Appointment Management

Automated scheduling with conflict detection

Automated scheduling with conflict detection and reduce cancellations

Intelligent Doctor Assignment

Al-powered matching based on specialization

Automated Reminder System

Multi-channel notifications (Email, SMS, WhatsApp)

Real-time Analytics

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Data-driven insights for clinic optimization

Patient Engagement Tools

Feedback collection and follow-up automation

Made with **GAMMA**



Key Features Deep Dive & Technology Stack

© Smart Doctor Assignment

- Random and manual assignment options
- Real-time notifications to doctors
- · Specialization-based matching
- Workload distribution optimization

📊 Advanced Analytics Dashboard

- Real-time metrics and KPIs
- Appointment trends analysis
- Doctor performance insights
- Patient satisfaction tracking

🔔 Automated Reminder System

- Customizable reminder schedules
- Multi-channel delivery (Email/SMS/WhatsApp)
- Automated follow-up sequences
- Reduces no-shows by up to 40%

Frontend:

- React + TypeScript for robust UI
- Tailwind CSS for responsive design
- Real-time updates with WebSocket integration

Backend:

- Supabase for database and authentication
- Edge functions for serverless computing
- Real-time data synchronization

Integrations:

- Twilio for SMS/WhatsApp notifications
- Resend for email delivery
- RESTful APIs for third-party integrations



Human-Centered, Joy-Driven Design User Experience Flow



Patient Prioritization

Patient experience is central to every design choice.



Customizable Options

Patients choose SMS, email, or call reminders.



Friendly Tone

Messaging is designed to be positive and less clinical.



Joyful UI

User interface reduces health-related anxiety.

For Clinic Administrators:

- 1. Dashboard Overview See all metrics at a glance
- 2. *Patient Management* Add, edit, track patient records
- 3. *Doctor Assignment* Intelligent scheduling and workload management
- 4. Analytics Insights Data-driven decision making

For Healthcare Providers:

- 1. *Automatic Notifications* Get alerted about new assignments
- 2. Patient Information Access complete patient history
- 3. *Schedule Management* View upcoming appointments
- 4. Feedback Collection Gather patient satisfaction data



Tangible Results and Impact

Efficiency Gains







in appointment scheduling time

40% decrease in patient no-shows

→ 80% faster doctor assignment process

Real-time insights for immediate action

Cost Benefits:

- 💰 Market:
- AI in healthcare = \$120B by 2028.
- 86% of healthcare organizations use AI.
- · Reduced administrative overhead
- Eliminate manual reminder calls
- Increased patient satisfaction scores



Competitive Advantage What Sets Us Apart:

- **Real-time Everything Live updates across all modules
- intelligent Automation Al-powered scheduling and assignments
- Nighly Customizable Flexible reminder rules and workflows
- Mobile-First Design Responsive across all devices
- **Enterprise Security** HIPAA-compliant data handling



Implementation & Scalability

Quick Deployment:

- Setup completed in 30 minutes
- Smooth and seamless data migration
- Integrated user training modules
- X Around-the-clock technical support

Scalable Architecture:

- Supports clinics of all sizes
- Facilitates multi-location operations
- API-first approach for easy integration
- Cloud-native infrastructure for scalability



Next Steps: Future Roadmap

Next-Generation Features:

- in AI Predictive Analytics Forecast appointment patterns
- *Mobile App* Native iOS/Android applications
- Telemedicine Integration Virtual consultation support
- *Electronic Health Records* Complete patient history management

Get Started Today:

- Free 30-day trial No credit card required
- @ Custom demo Tailored to your clinic's needs
- *Personal consultation* Expert implementation guidance
- **§** Flexible pricing Scale with your practice

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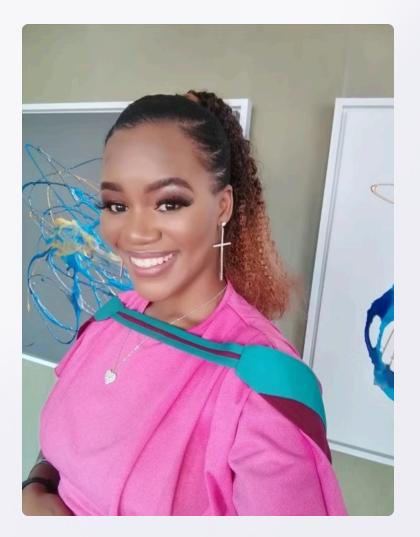
From the team: Thank You for your time

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2. Brian Ouma - Kenya



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We appreciate your time and interest in Health Pulse. We are dedicated to transforming healthcare management.

Questions & Discussion

We welcome your questions.

Health Pulse: Where Technology Meets Healthcare