

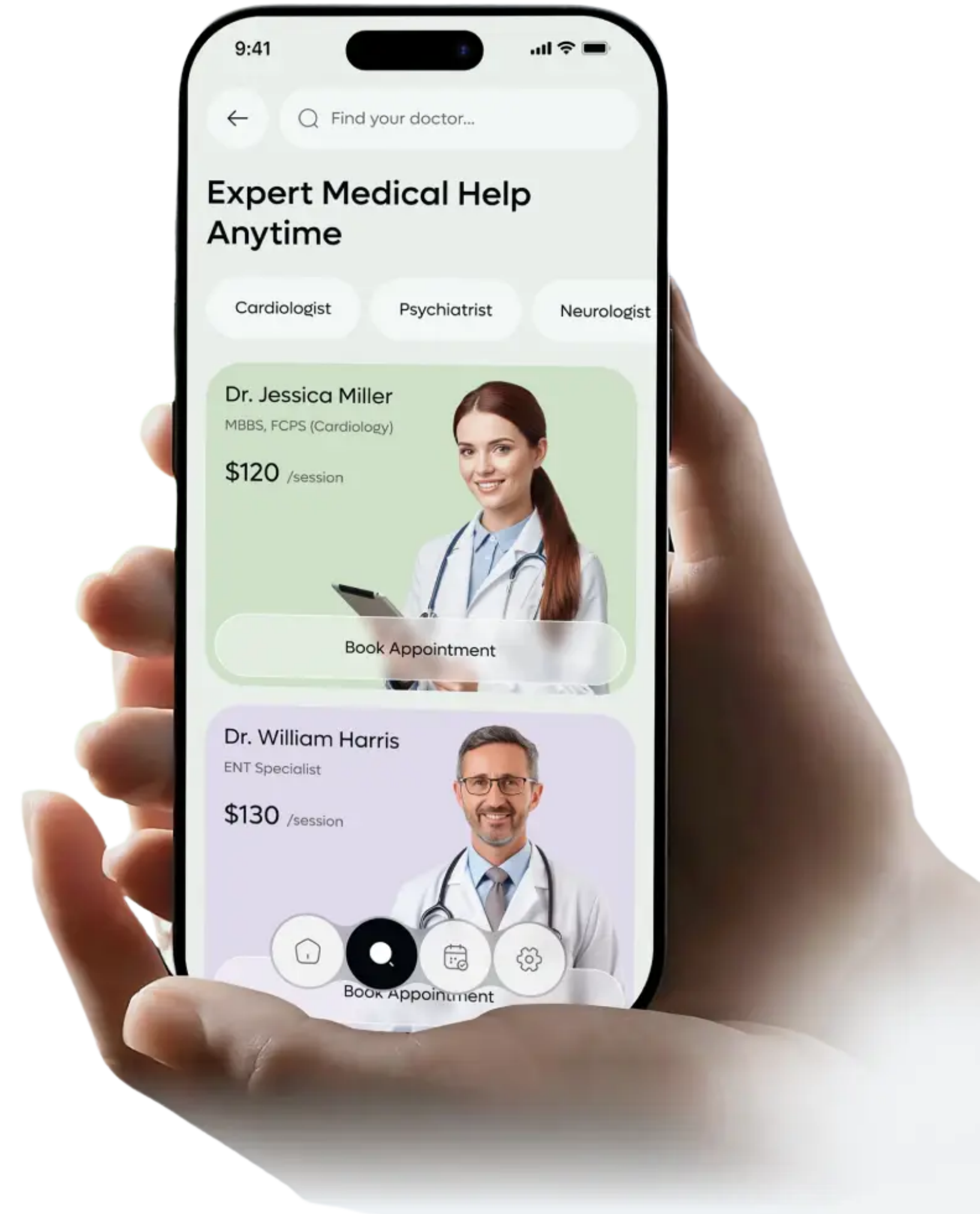


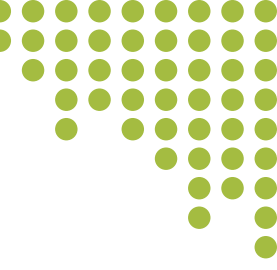
THE GEMINI[®]
Inspiring Innovations

Pocket HIS

HIS Mobile App Solution for Complete **Healthcare** Ecosystem

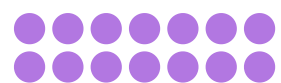
Empowering Digital Care Across Borders
Patient App | Doctor App | Admin Integration





Executive Summary

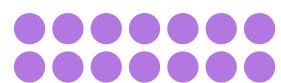
- A unified **Mobile HIS Platform** tailored for hospitals, clinics, and medical groups across GCC
- Enables **seamless patient engagement** throughout the care journey
- Empowers **clinical mobility** with real-time access for doctors anytime, anywhere
- Supports **bilingual interface** for enhanced user accessibility
- Delivers **real-time synchronization** with existing HIS/EMR systems
- Enhances **operational efficiency** by reducing manual processes
- Improves **patient satisfaction** through digital convenience and faster services
- Optimizes **revenue cycle management** with integrated billing & payments
- Scalable and future-ready platform supporting **telemedicine and digital health expansion**

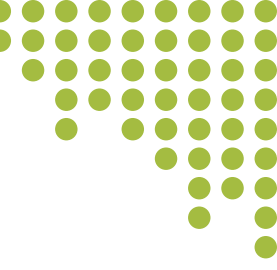




Project Objectives

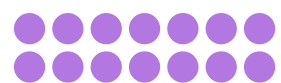
- Deliver **anytime, anywhere** healthcare access
- Digitize **patient engagement lifecycle**
- Enhance **doctor productivity & decision-making**
- Enable **real-time data synchronization with HIS**
- Ensure **data privacy & regulatory compliance**
- Improve **clinical outcomes through smart workflows**





Market Need

- Increasing need for **remote healthcare access** due to travel disruptions and safety concerns
- Rising demand for **telemedicine & virtual consultations** to minimize physical hospital visits
- Need for **continuity of care** for chronic patients during uncertain situations
- Importance of **real-time access to medical records** across locations and facilities
- Growing focus on **decentralized healthcare delivery models**
- Requirement for **rapid communication** between patients and doctors during emergencies
- Enhanced need for **data security & patient confidentiality** in sensitive environments
- Demand for **scalable digital infrastructure** to handle sudden patient surges
- Support for **cross-border healthcare coordination**
- Alignment with government initiatives for **digital health resilience and crisis preparedness**

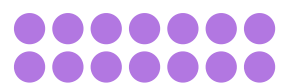




Solution Overview

A Unified Mobile Platform for Patients & Doctors

- **Patient Mobile App (iOS & Android)**
- **Doctor Mobile App**
- **Core HIS (Web-based)**



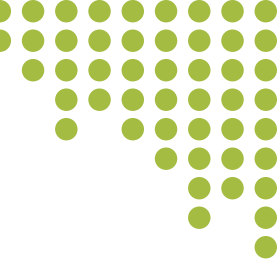
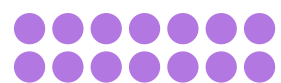
User Personas

Doctor App Users

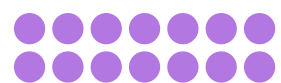
- Physicians & Specialists
- Consultants & Surgeons
- On-call Doctors

Patient App Users

- Patients & Family Members
- Chronic Care Patients
- Remote/Rural Patients

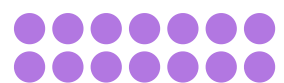
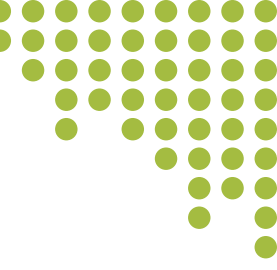


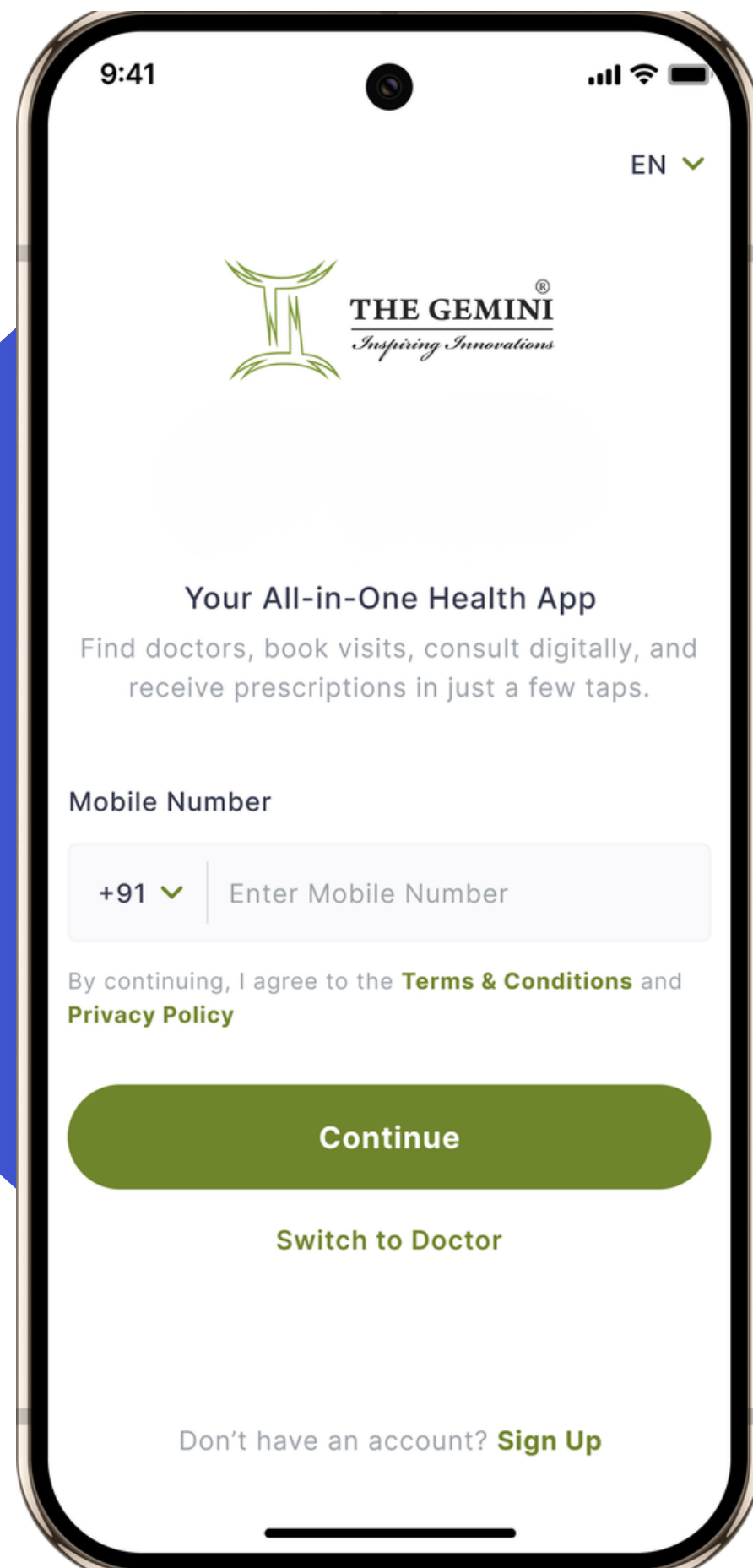
PATIENT APP



Patient App

- One-stop solution for all healthcare needs
- Simplified navigation with intuitive UI
- Personalized dashboard with health insights
- Complete control over appointments & records
- Digital Registration & Profile Management
- Smart Appointment Booking (Doctor/Department-wise)
- Teleconsultation (Video/Chat)
- Access to Lab Reports & Prescriptions
- Online Payments & Billing History
- Medication & Appointment Reminders
- Multi-language (Arabic/English)





ALL-IN-ONE HEALTHCARE APP

Multi-Language Support

English & Arabic for wider accessibility

Role-Based Access

Separate journeys for Patients & Doctors

Easy Appointment Booking

Book and manage visits effortlessly

Digital Health Management

Prescriptions, records & tracking in one place

Secure OTP Login

Fast and safe mobile number authentication

Quick Onboarding

Simple, guided steps to get started

User-Friendly Interface

Clean, intuitive and easy to navigate

SMART HEALTHCARE DASHBOARD

Personalized Home Screen

Greets user with profile & quick health overview

Smart Doctor Search

Search by specialties for faster discovery

Upcoming Appointments

Quick access with date, time & doctor details

In-Clinic & Live Consultation

Book appointments or join instant consultations

Doctor Ratings & Reviews

Helps users choose trusted doctors

AI Health Assistant

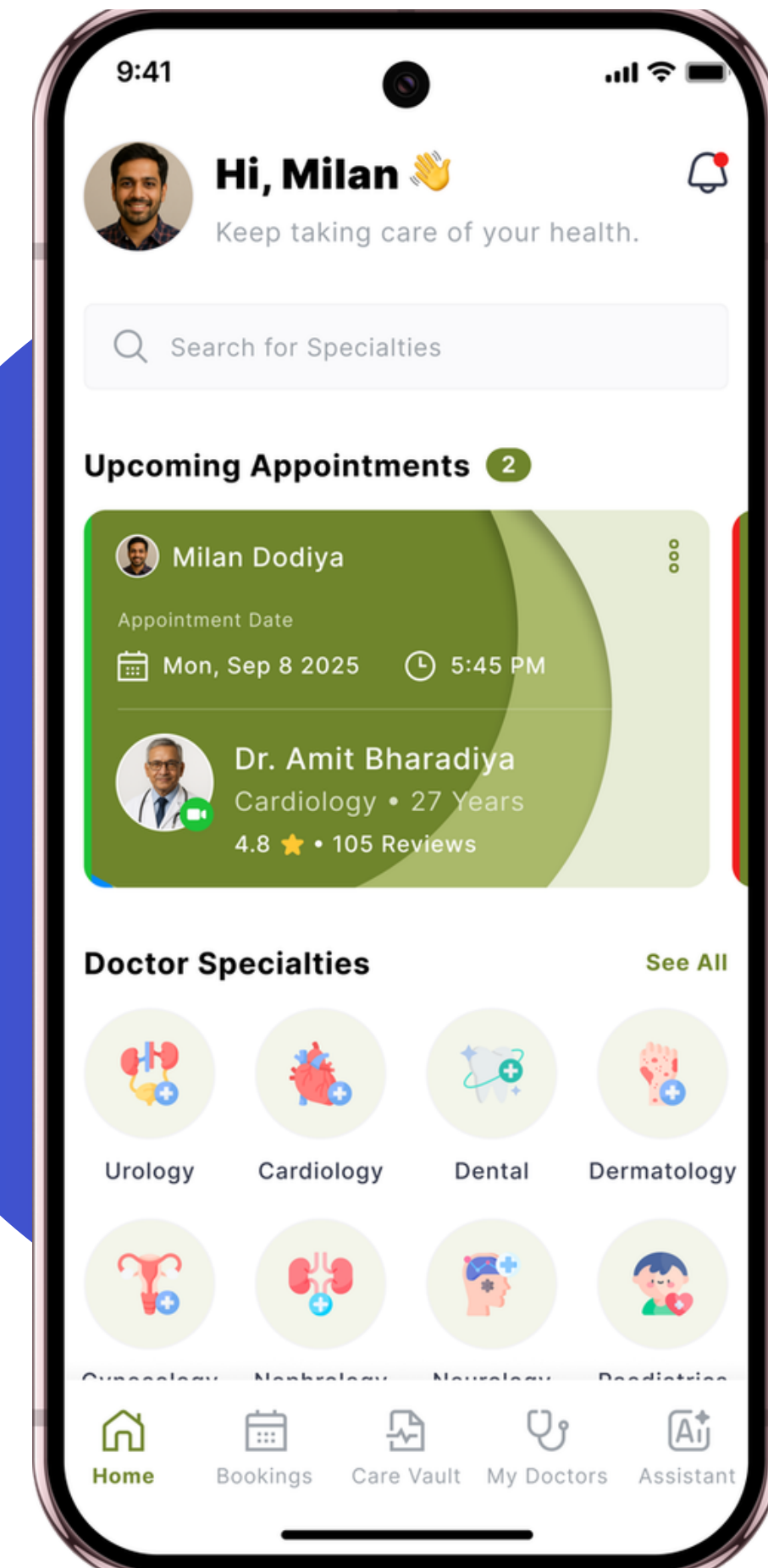
Ask questions & get guidance instantly

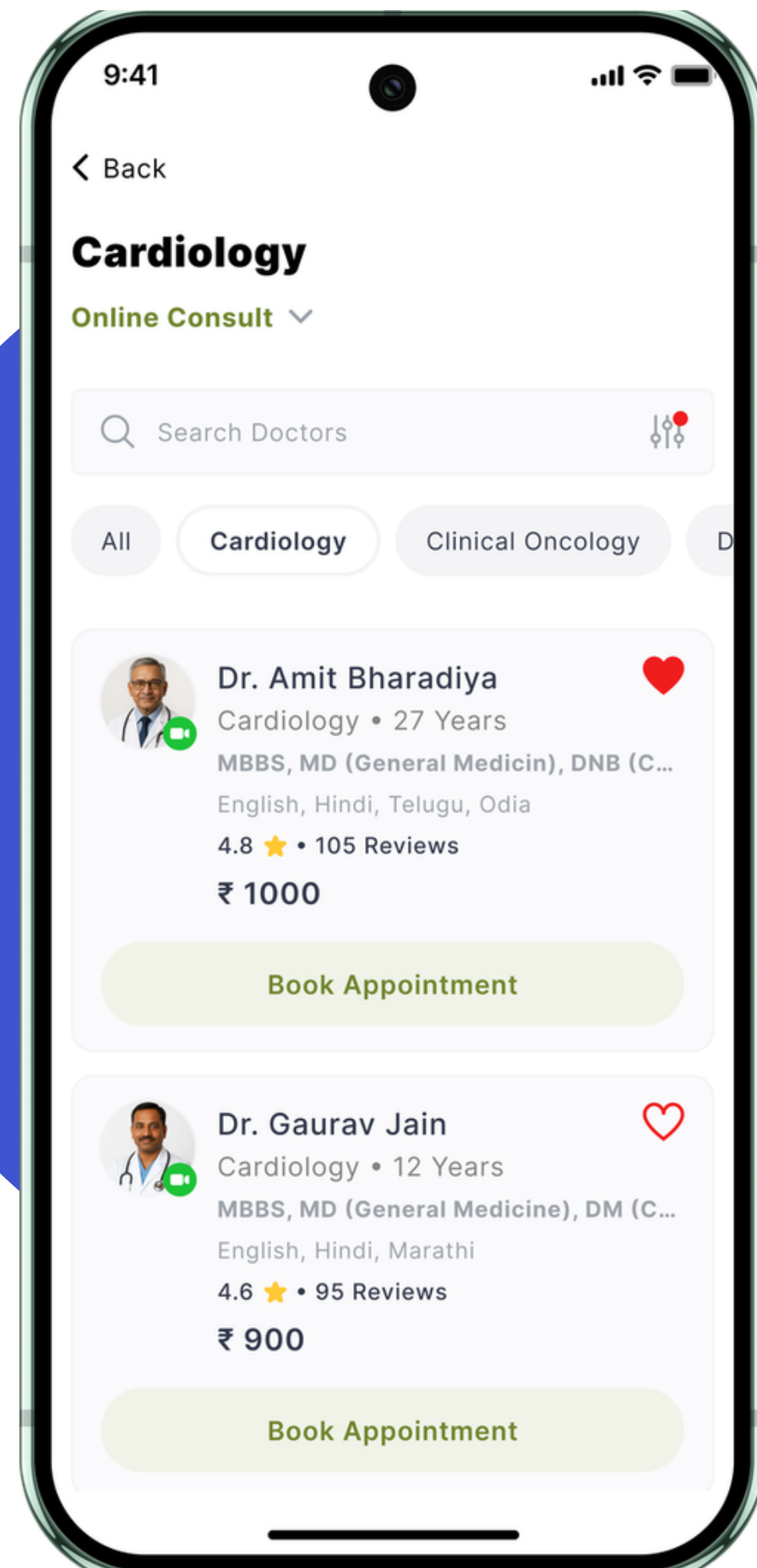
Consultation History

View past doctors & re-book easily

Health Articles & Blogs

Stay informed with medical insights





DOCTOR DISCOVERY & SMART FILTERING

Wide Range of Specialties

Browse multiple medical categories in one place

Advanced Doctor Search

Quickly find doctors by specialty or keyword

Detailed Doctor Profiles

View experience, qualifications, fees & reviews

Ratings & Reviews System

Make informed decisions with patient feedback

Quick Appointment Booking

Book instantly with a single tap

Smart Filters & Sorting

Availability (days), Gender preference, Ratings, Language etc.

Consultation Type Selection

Choose between Online Consult or Hospital Visit

Save Favorite Doctors

Mark and access preferred doctors easily

APPOINTMENT BOOKING & DOCTOR INSIGHTS

Detailed Doctor Profile

View qualifications, experience, languages & consultation fees

Ratings & Patient Reviews

Transparent feedback with overall rating & review breakdown

Smart Appointment Scheduling

- Select date & time slots
- Morning, Afternoon, Evening availability

Multi-Patient Selection

Book appointments for family members بسهولة

Visit Type Selection

Choose New Case or Follow-up consultation

Verified Patient Feedback

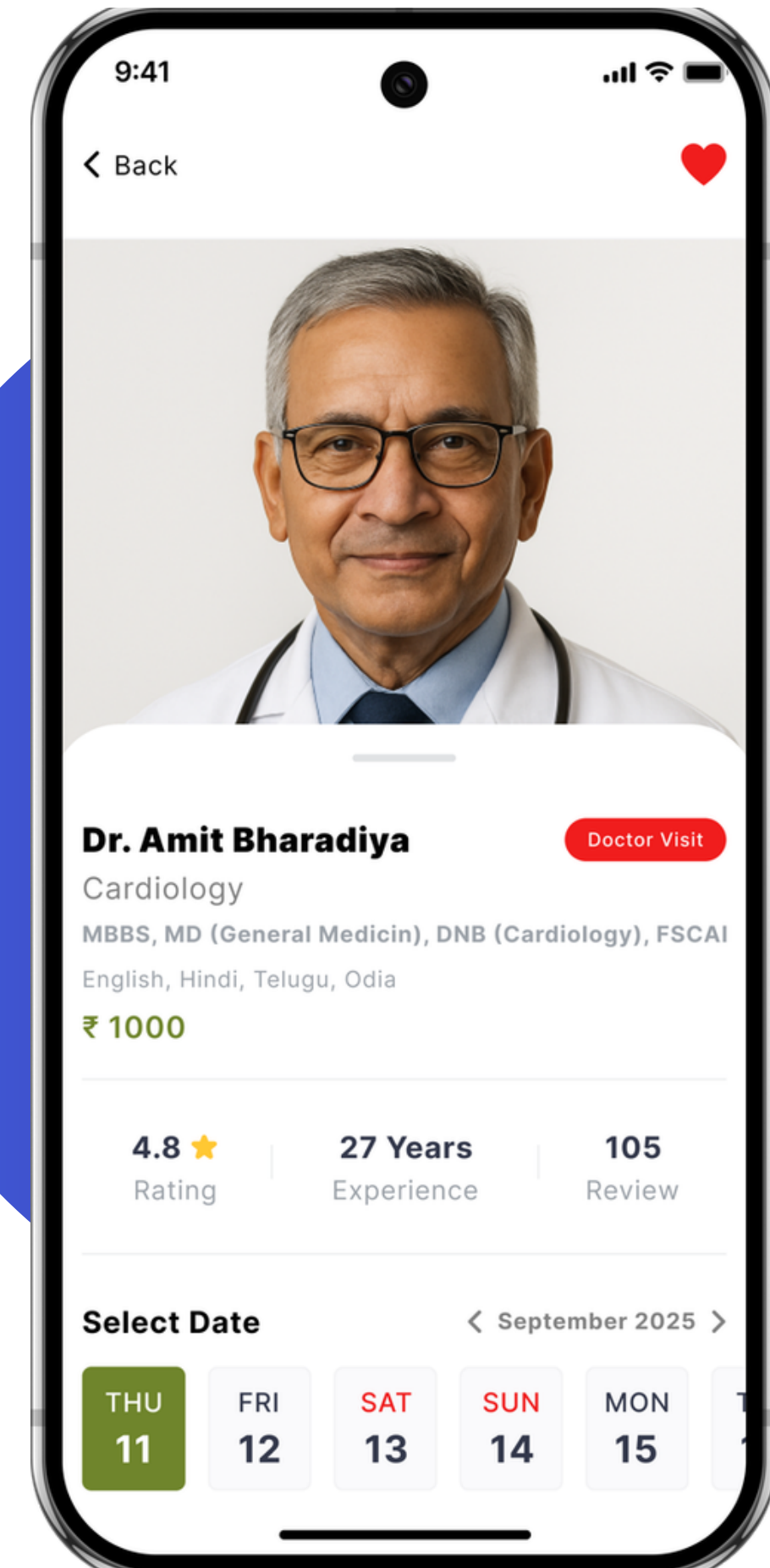
Read real experiences before booking

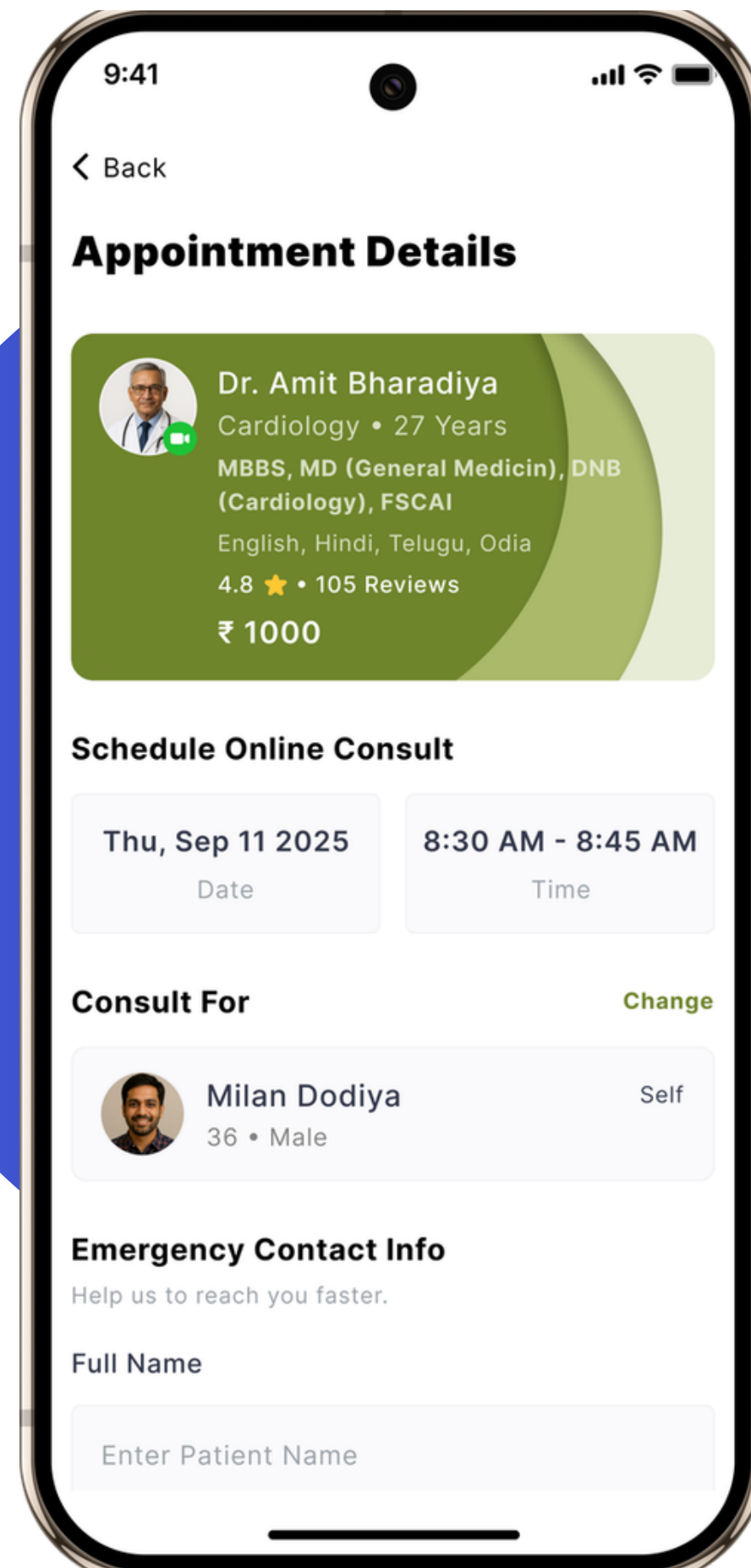
Flexible Review Sorting

Sort by newest, highest or lowest ratings

Seamless Booking Flow

Quick confirmation with minimal steps





SEAMLESS APPOINTMENT BOOKING

Comprehensive Appointment Details

View doctor info, date, time & consultation type in one place

Patient & Contact Management

Add patient details and emergency contact information

Medical Attachments Upload

Upload reports, prescriptions, or images for better consultation

Address Selection & Clinic Location

Choose consultation address with map integration

Pre-Consultation Notes

Share symptoms or concerns before the visit

Flexible Payment Options

Online Payment / Pay at Hospital / Wallet support

Transparent Pricing Breakdown

Clear visibility of consultation fees & charges

Instant Booking Confirmation

Success screen with appointment summary

Calendar Integration

Add appointment directly to calendar

SMART BOOKING MANAGEMENT

Centralized Booking Dashboard

View all appointments in one place

Appointment Status Tracking

Upcoming / Completed / Cancelled

Smart Search Functionality

Search by patient, doctor, or date

Easy Appointment Actions

Reschedule appointments

Cancel bookings

Re-book past consultations

Post-Consultation Reviews

Add feedback after completed visits

Multi-Patient Management

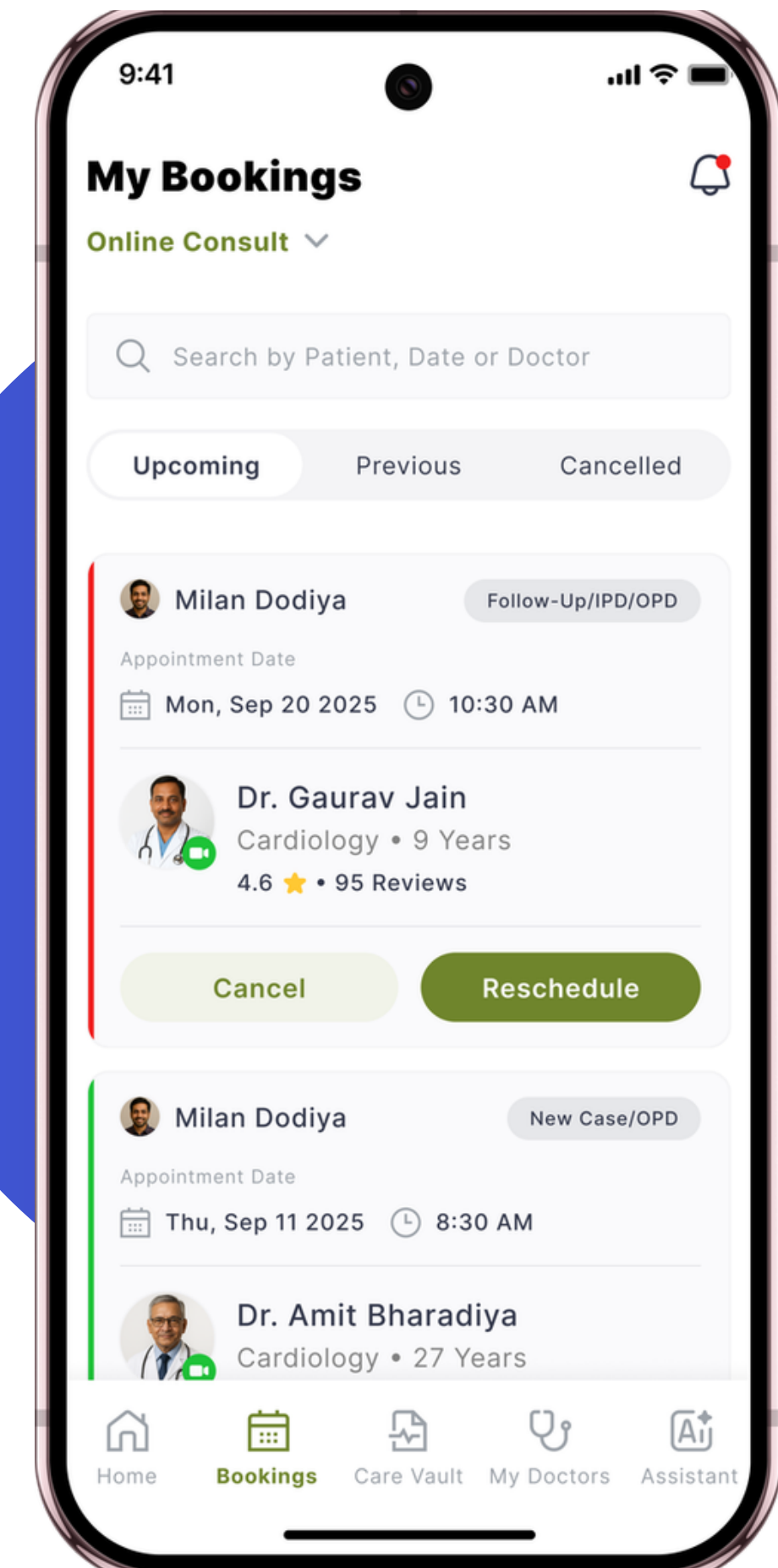
Manage bookings for family members

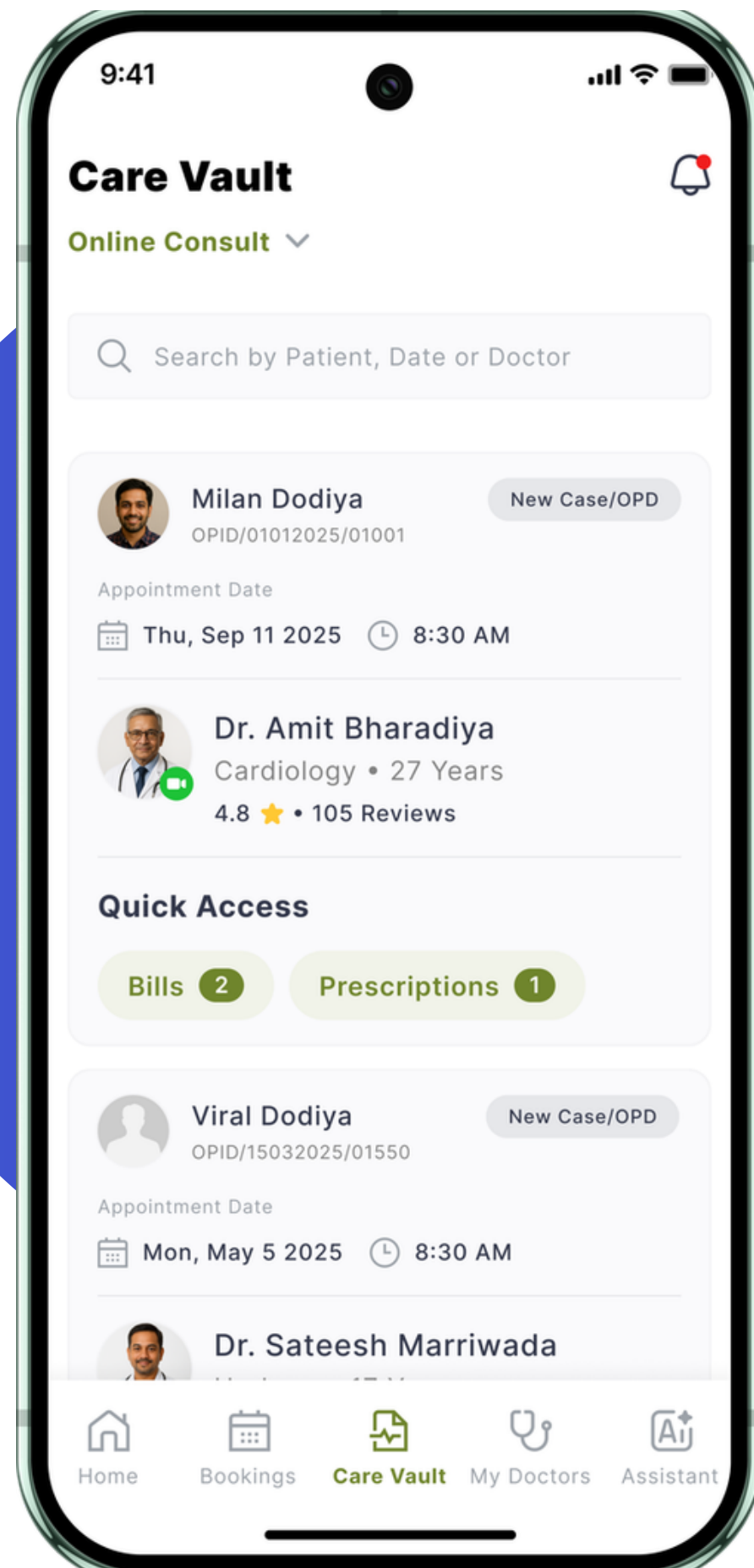
Consultation Type Filter

Online Consult / Doctor Visit

Real-Time Updates & Notifications

Stay informed about booking status





DIGITAL CARE VAULT

Centralized Health Records

Access bills, lab reports & prescriptions anytime

Smart Billing Management

View paid & unpaid bills

Lab Reports Tracking

Download & share reports instantly

Digital Prescriptions

Track medications and refill history

Quick Search & Filters

Find records by patient, date, or document type

Multi-Patient Records

Manage health data for entire family

Easy Share & Download

Share reports & prescriptions with doctors

Secure Data Storage

Ensures privacy and safe access to medical data

AI HEALTH ASSISTANT – ASK SHIFA

Smart AI Health Assistant

Get instant answers to health-related queries

Conversational Chat Experience

Natural, human-like interaction for better guidance

Symptom-Based Guidance

Helps users understand possible conditions based on symptoms

Health Knowledge Support

Ask about treatments, medicines, diet & nutrition

Quick Suggestions & Prompts

Predefined options for faster interaction

Doctor Recommendation Support

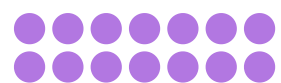
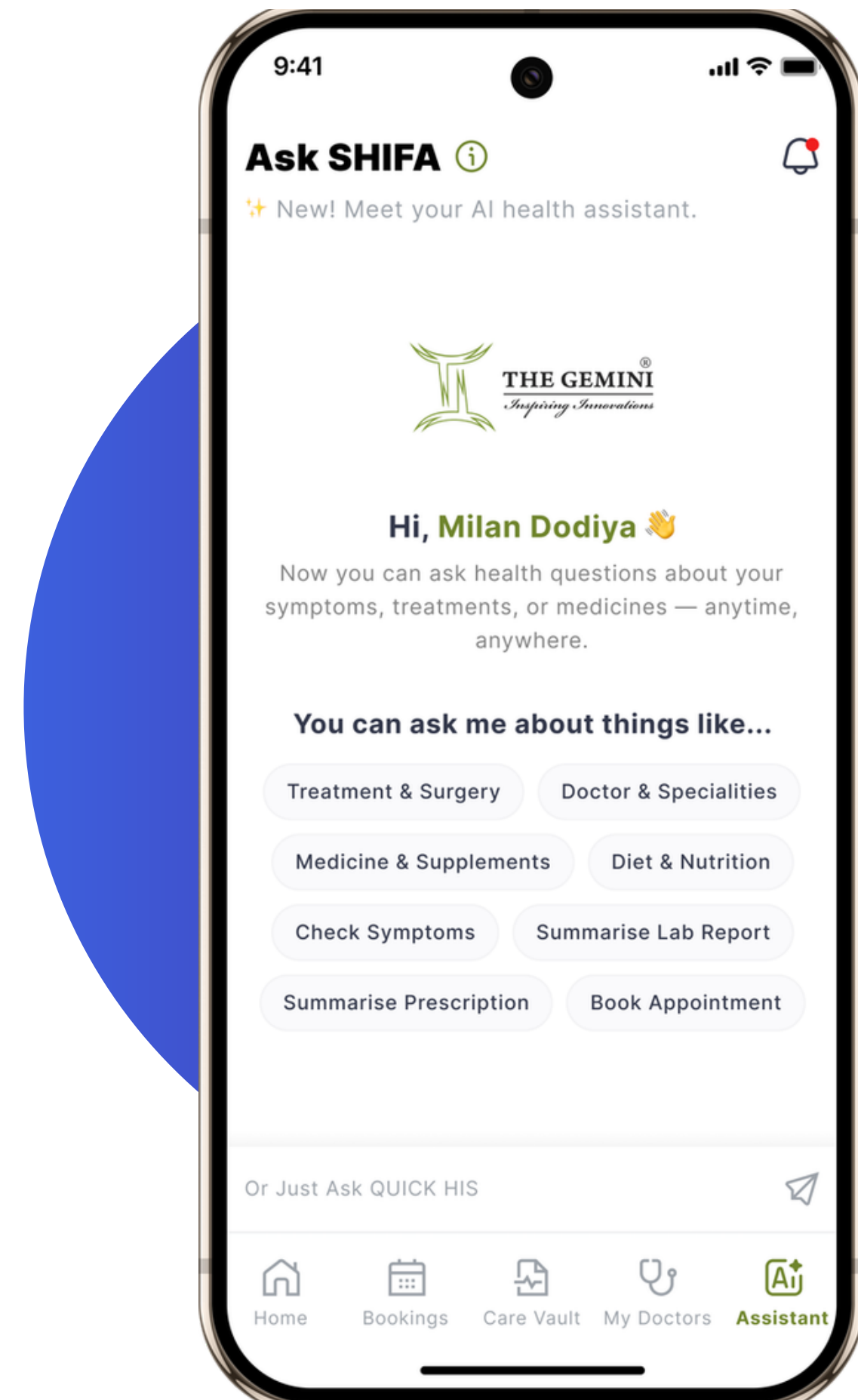
Suggests specialist consultation when needed

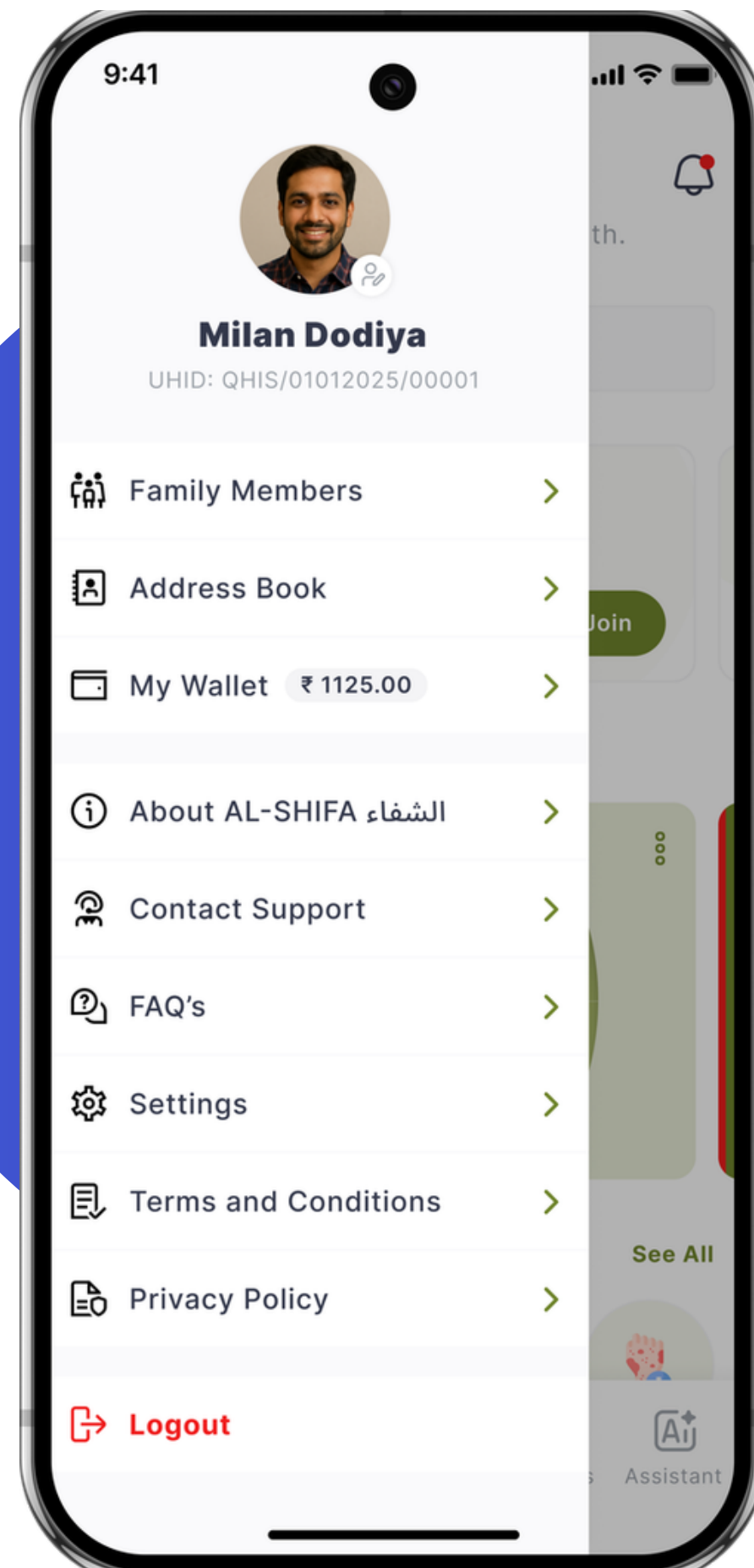
Medical Summary Assistance

Summarize prescriptions and lab reports

Safe & Responsible Guidance

Includes disclaimer to encourage professional consultation





ACCOUNT MANAGEMENT

Personal Profile Overview

View patient details with unique UHID identification

Family Member Management

Add & manage healthcare profiles for family

Address Book

Save and manage multiple addresses for consultations

Digital Wallet

Track balance and manage healthcare payments

Settings & Preferences

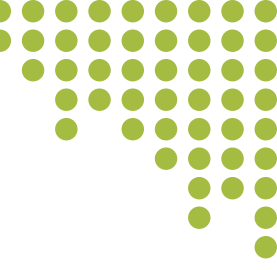
Customize app experience

Privacy & Security

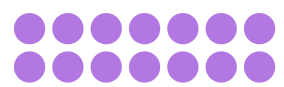
Access Terms & Conditions & Privacy Policy

Secure Logout

Safe account access and session control



DOCTOR APP



EFFORTLESS DOCTOR LOGIN

Engaging Onboarding Experience

Intro screen highlighting app value & features

Role-Based Access Selection

Separate login flows for Patient & Doctor

Secure Login System

Username & password-based authentication

Easy Password Recovery

Forgot password via email

OTP verification for security

OTP Verification Flow

Secure identity confirmation before access

Reset Password Functionality

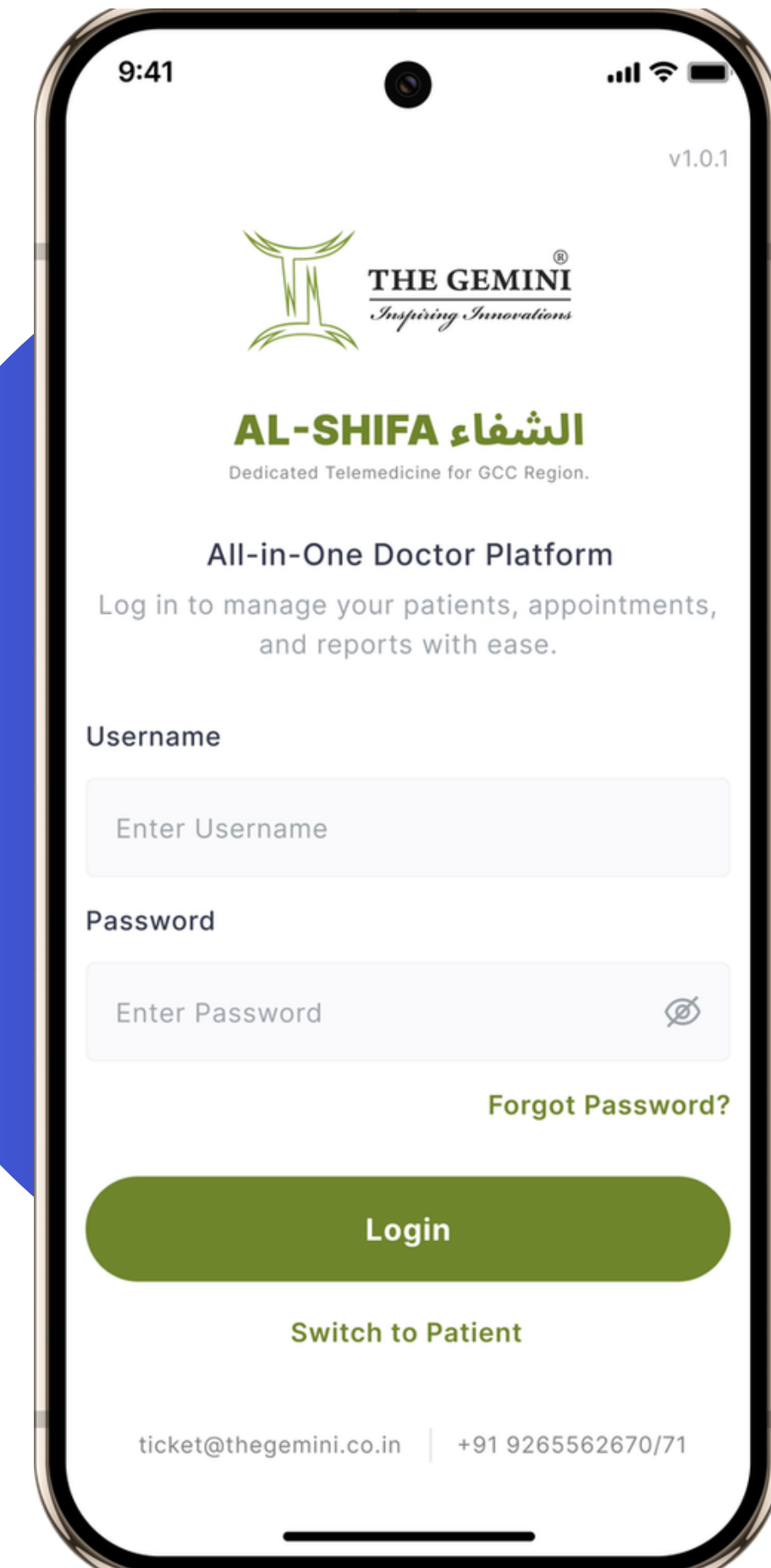
Simple and secure password update process

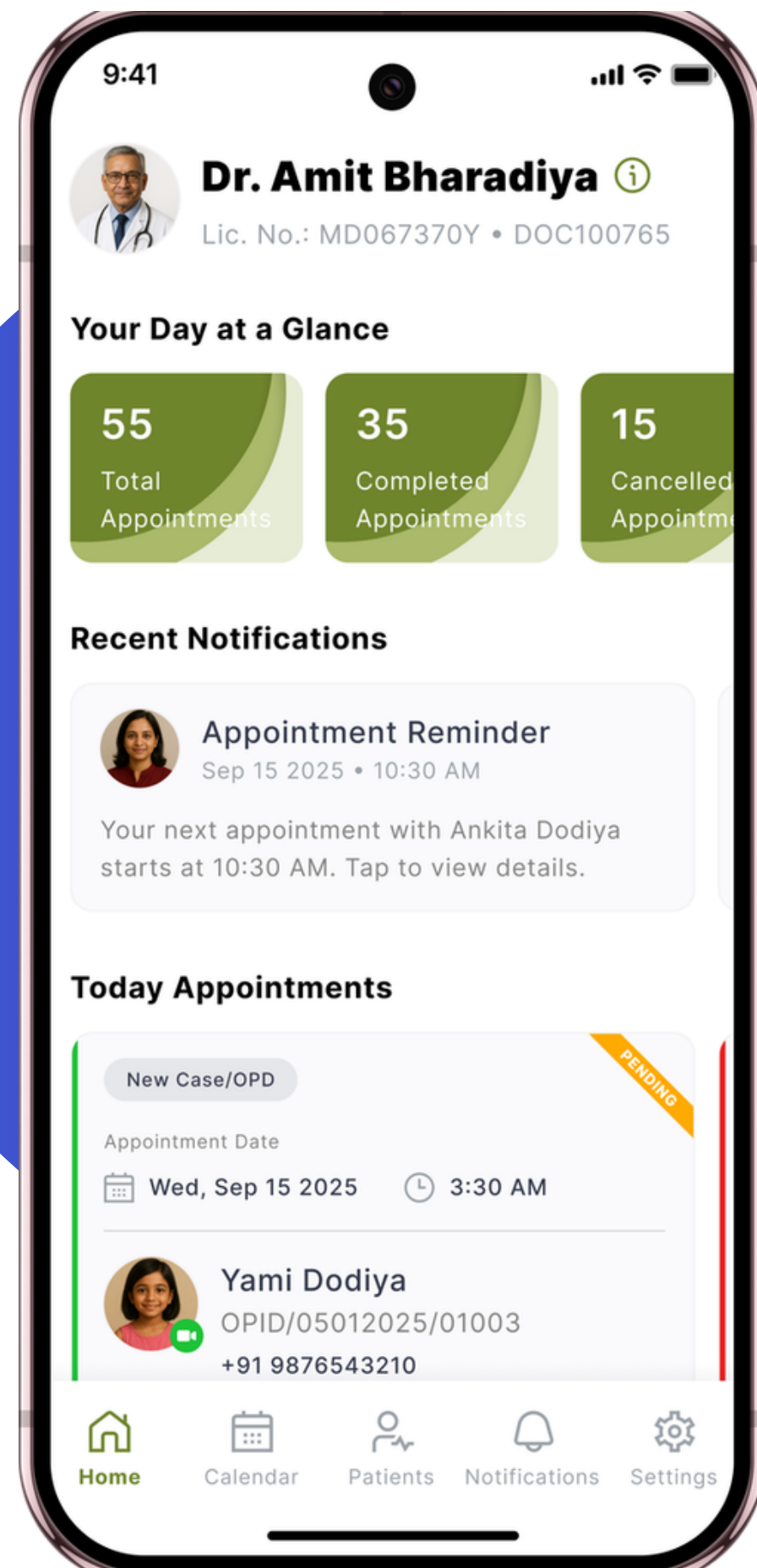
Quick & Smooth Navigation

Minimal steps for faster access to dashboard

Data Security & Authentication

Ensures safe and reliable user login experience





DOCTOR DASHBOARD

Daily Overview Dashboard

Track total, completed & cancelled appointments at a glance

Real-Time Notifications

Stay updated with appointment reminders and alerts

Today & Upcoming Appointments

Manage schedules and start consultations بسهولة

Performance Analytics

Visual insights with weekly, monthly & yearly statistics

Detailed Doctor Profile

Showcase qualifications, experience, languages & expertise

Ratings & Patient Reviews

Build trust with transparent feedback

Consultation Charges Management

Set fees for OPD, IPD & online consultations

Availability Scheduling

Define working hours and weekly availability

Quick Consultation Access

Start consultations directly from dashboard

DIGITAL CONSULTATION

Doctor Video Consultation

Real-time video call for remote diagnosis and treatment

Complete Patient Overview

Access patient details, vitals, history & appointment info in one screen

Past Medical History Tracking

View diagnoses, medications, allergies & clinical notes

Integrated Lab Reports Access

View current & past reports

Filter by report type (Lab, Radiology, Prescription)

Patient Health Record (PHR)

Centralized digital record for better decision-making

Digital Prescription Management

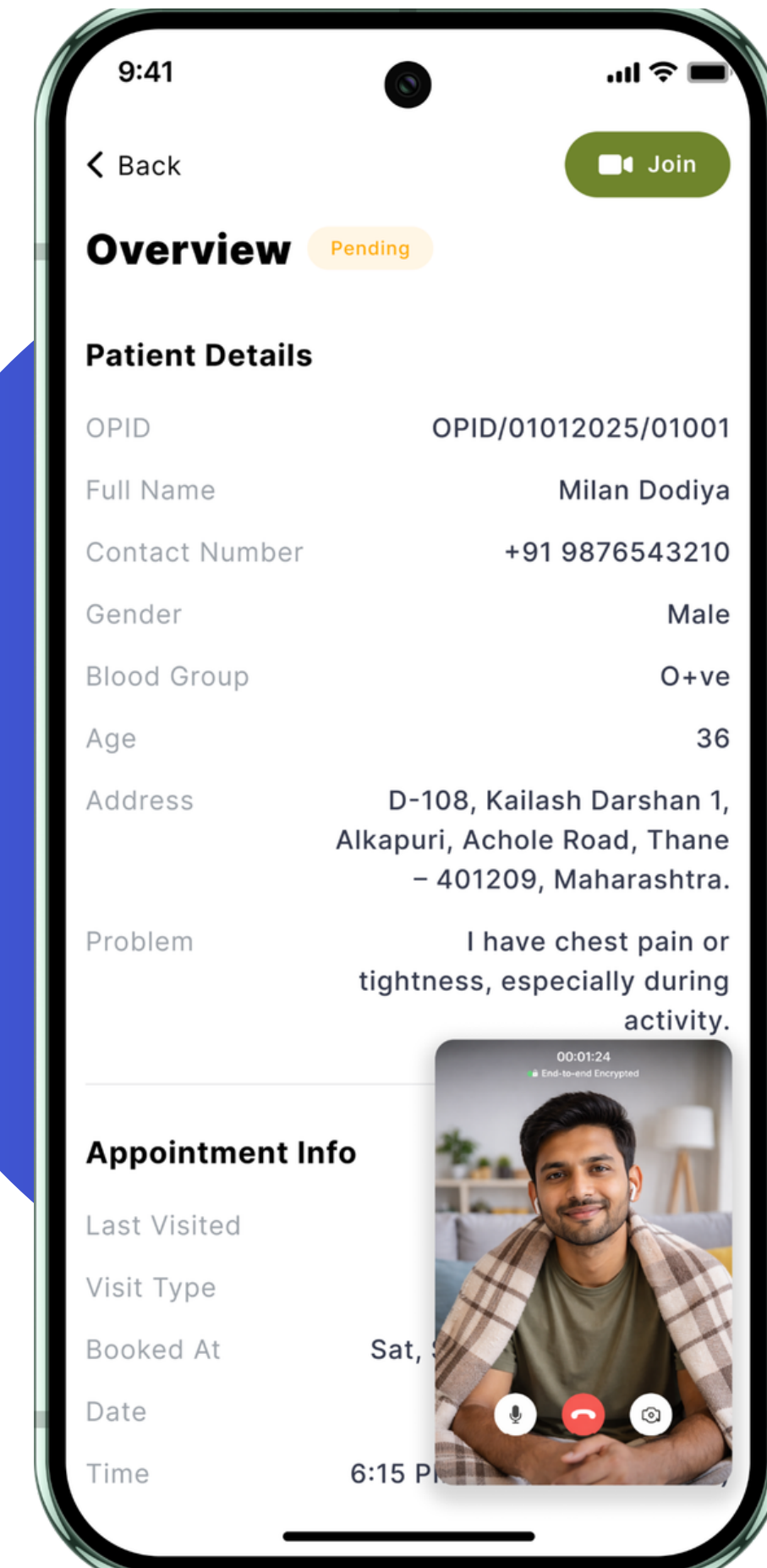
Generate and share prescriptions instantly

Attachments & Medical Files

Access uploaded reports and documents during consultation

Seamless Consultation Workflow

From patient review → diagnosis → prescription in one flow



9:41

< Back

Create Prescription

Record patient details, vitals, diagnosis, and treatment plan in one place.

Vitals Complaints / Diagnosis Test Results

Vitals

Temperature (°C)

Enter Temperature

Height (cm)

Enter Height

Weight (kg)

Enter Weight

B.M.I (%)

0.0

Blood Pressure (mmHg)

Enter Blood Pressure

SMART PRESCRIPTION MANAGEMENT

End-to-End Prescription Creation

Structured workflow from vitals → diagnosis → treatment

Vitals Recording System

Capture key health metrics (BP, Pulse, BMI, etc.)

Complaints & Diagnosis Management

Record symptoms & examination

Add provisional & final diagnosis

Test Results & Investigations

Add lab results and suggest diagnostic tests

Medication Management

Add medicines with dosage & frequency

Define duration and timing (morning/evening)

Follow-Up & Referral System

Schedule follow-ups or refer to specialists

Clinical Notes & Remarks

Add detailed instructions and observations

Digital Signature & Save

Securely finalize and share prescriptions

APPOINTMENT SCHEDULING

Interactive Calendar View

Monthly overview with highlighted appointment dates

Consultation Type Toggle

Switch between Online Consult & Doctor Visit

Time-Slot Based Scheduling

View appointments organized by exact time slots

Patient Appointment Details

Access patient info, OPD/IPD type & contact details

Appointment Status Indicators

New Case

Follow-up

Pending / Completed / Cancelled

Daily Schedule Overview

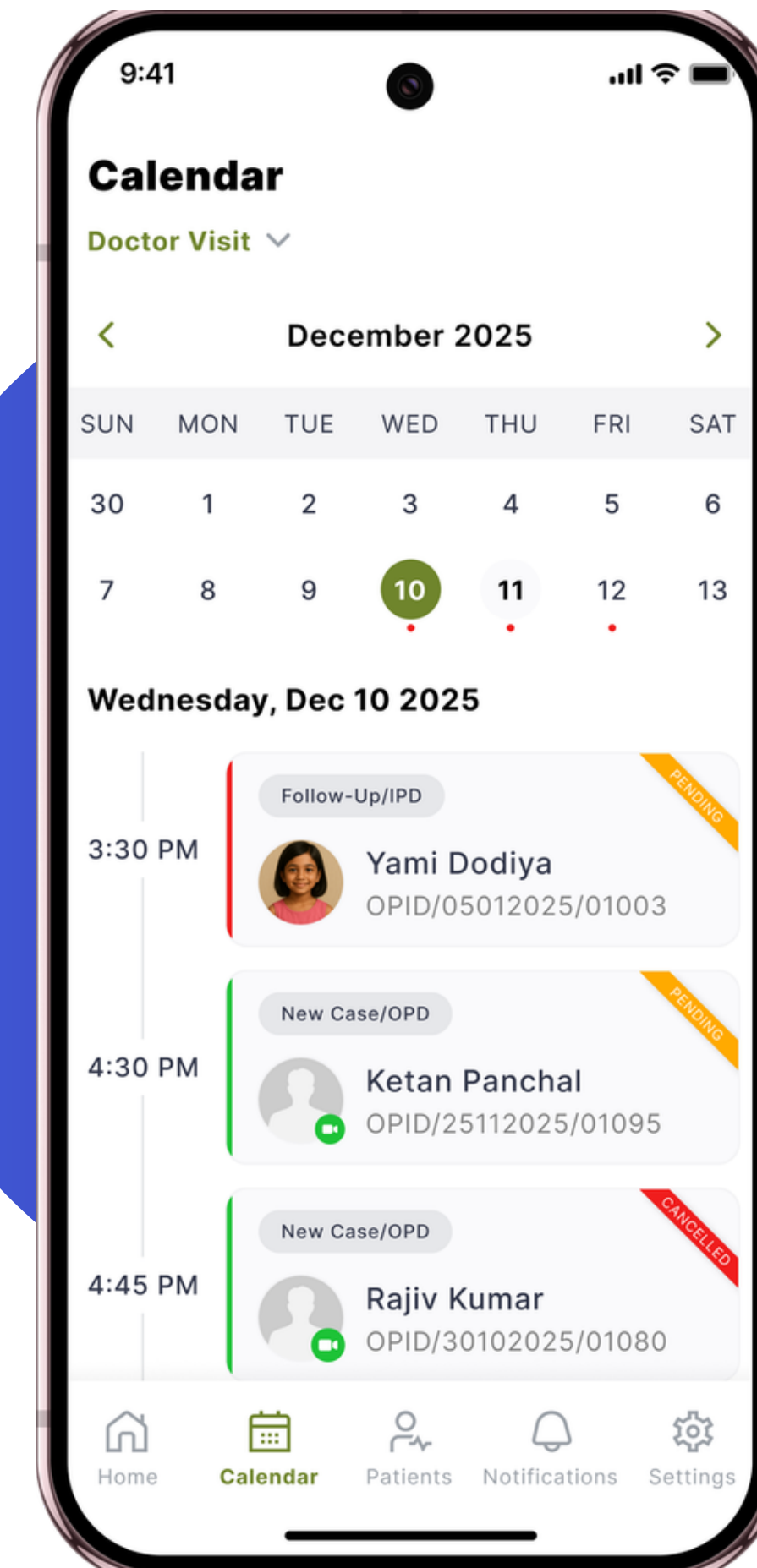
Clear view of all appointments for selected date

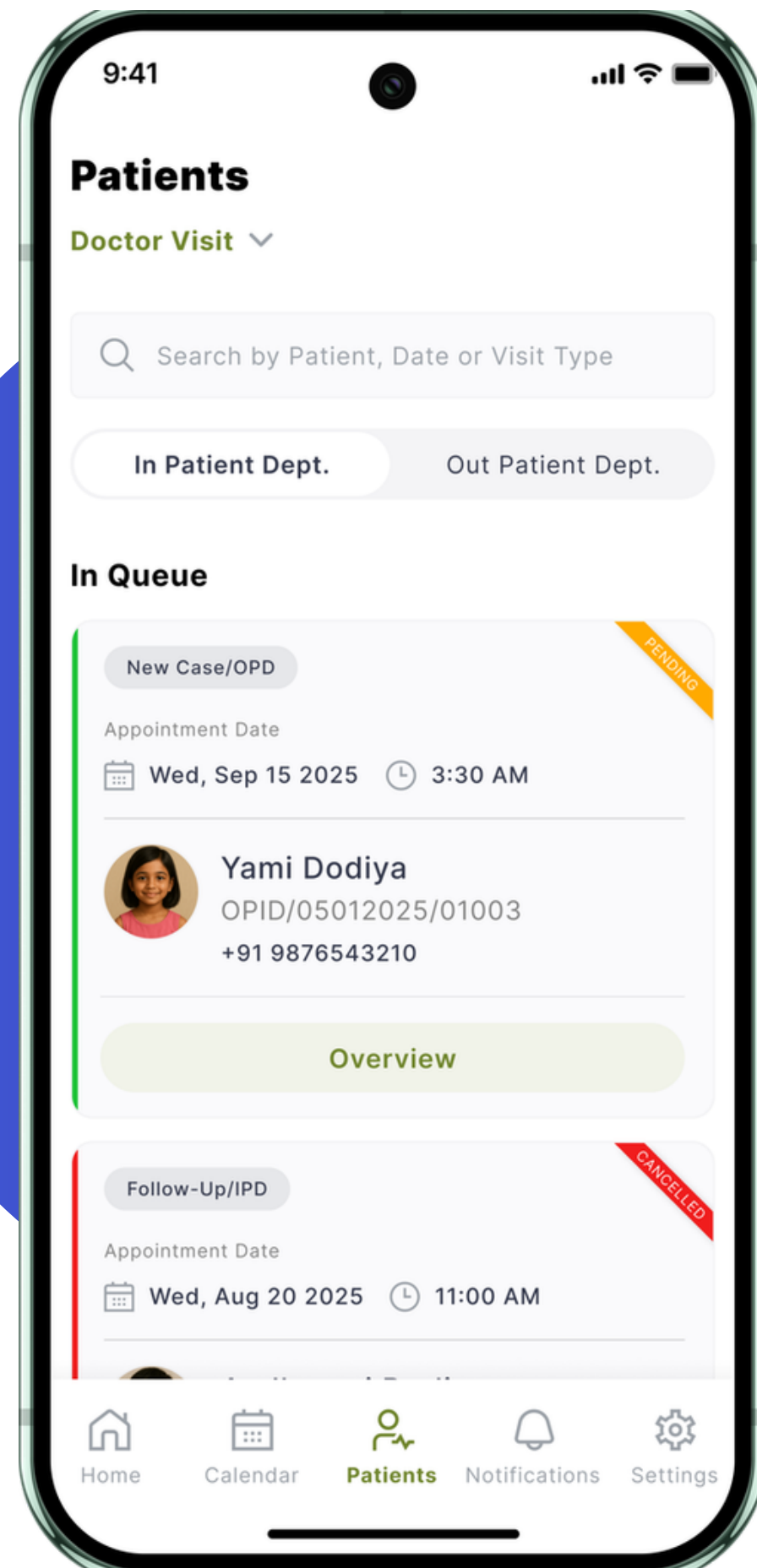
Quick Consultation Access

Start or manage consultations directly from calendar

Visual Alerts & Highlights

Color-coded indicators for better tracking





CONSULTATION MANAGEMENT

Real-Time Patient Queue

View patients in queue for Online & In-Clinic consultations

Consultation Type Toggle

Switch between Online Consult & Doctor Visit

Patient Appointment Details

Access patient info, OPD/IPD type, and contact details

Status-Based Tracking

Pending / Completed / Cancelled

New Case / Follow-up

Quick Actions

Start Consultation

Manage patient flow instantly

Department-Based Filtering

In-Patient & Out-Patient department segregation

Smart Search Functionality

Search patients by name, date, or visit type

Attended Patient Records

Track completed consultations with history

DOCTOR SETTINGS & PREFERENCES

Doctor Profile Overview

View and manage personal & professional details

Notification Controls

Enable/disable appointment reminders and alerts

Profile Management

Easily update profile information and credentials

Secure Password Management

Change password for enhanced account security

Ratings & Reviews Access

Monitor patient feedback and improve service quality

Language Preferences

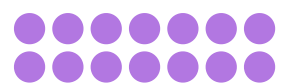
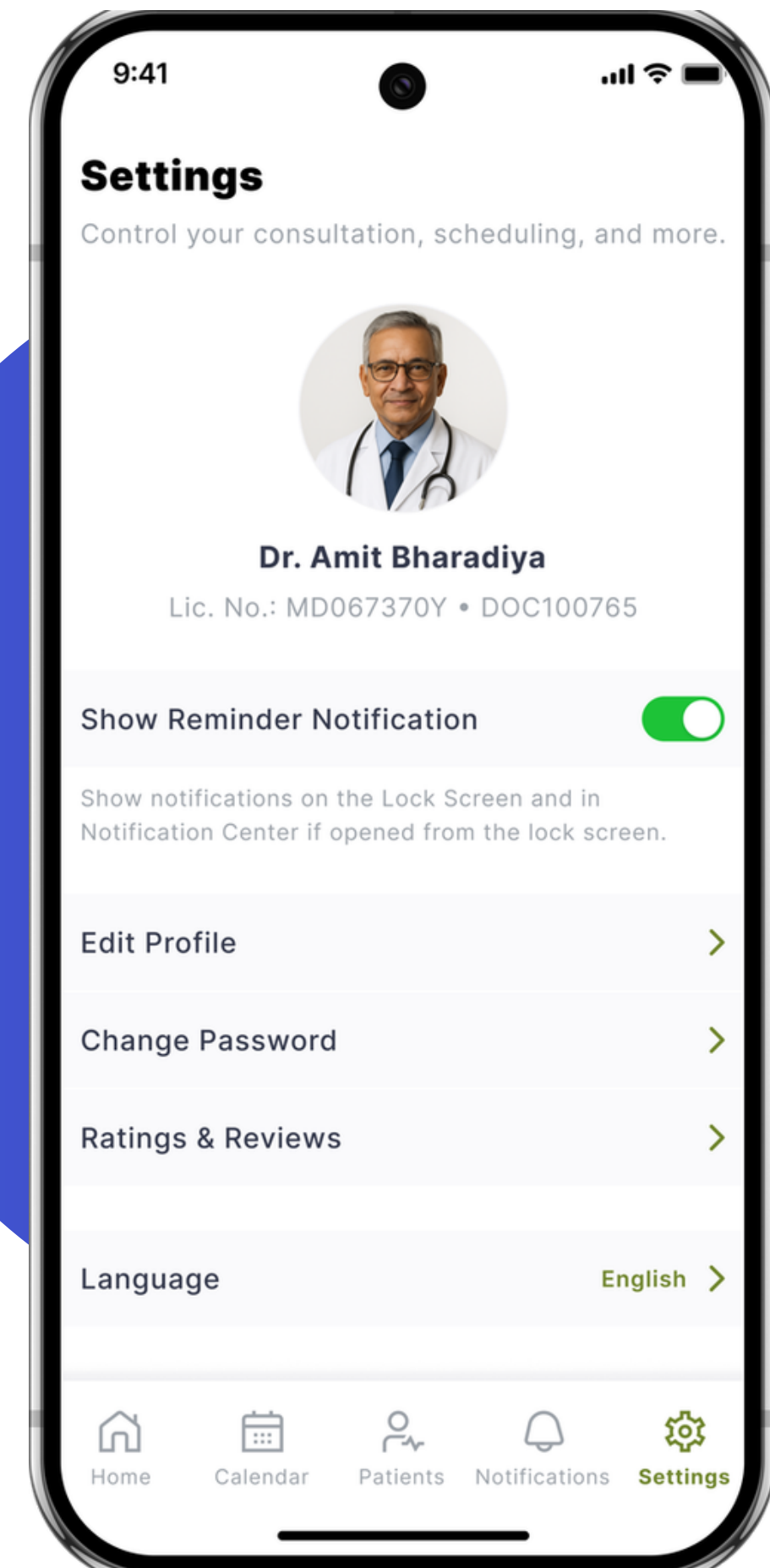
Select preferred app language for better usability

App Feedback & Rating

Rate the app and share feedback

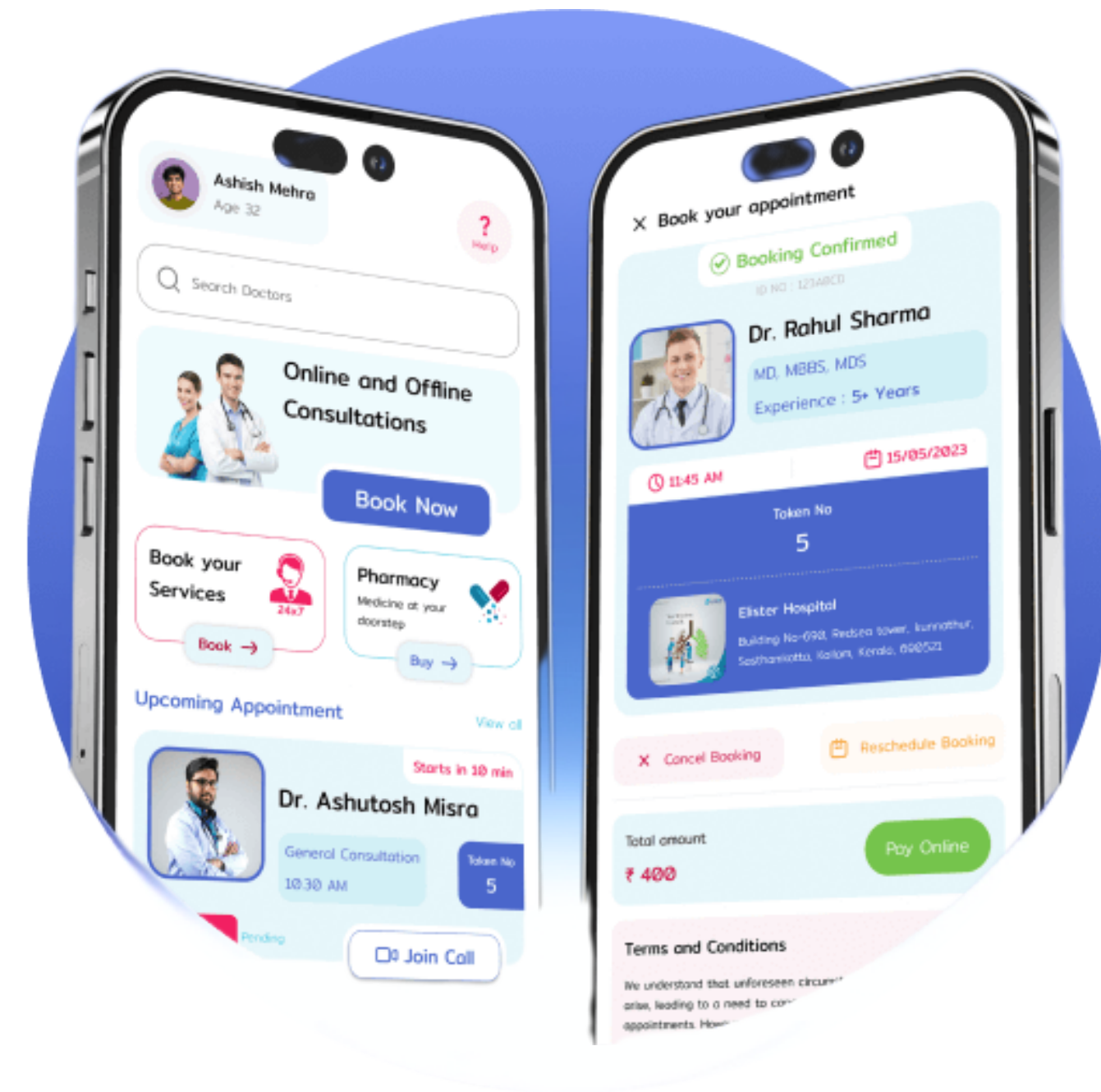
Secure Logout

Ensure safe account access and session control



Advanced Features (Differentiators)

- AI-based appointment suggestions
- HD video & secure chat consultations
- Smart health analytics dashboard
- Voice-enabled prescription (Doctor App)
- Multi-language support
- Integrated with patient records & prescriptions
- Integration with wearables & IoT devices





Security & Compliance

- 256-bit Data Encryption
- Role-Based Access Control (RBAC)
- Secure authentication & OTP login
- Compliance-ready (HIPAA standards)
- Data privacy & audit trails
- Secure Cloud Hosting (AWS/Azure GCC regions)

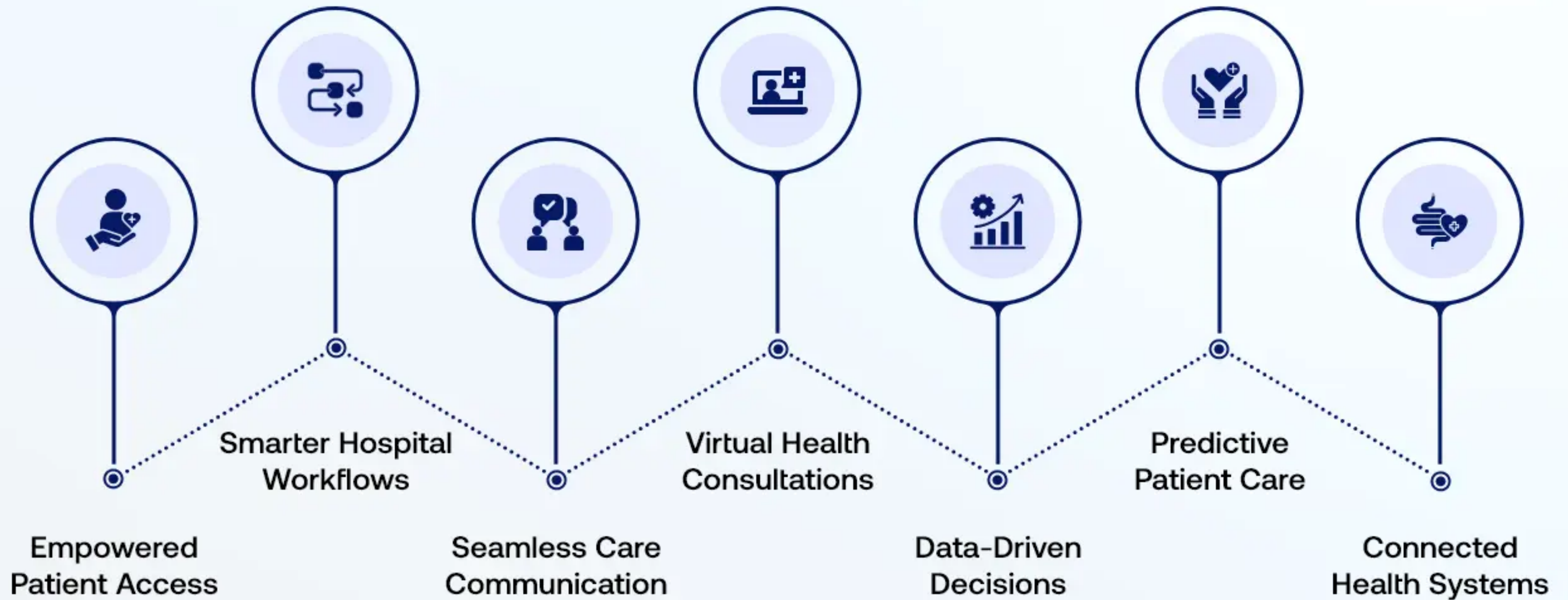
Integration Capabilities

- LIS (Lab Systems)
- RIS/PACS (Radiology)
- Payment Gateways
- Insurance Platforms
- Wearables & IoT Devices

Technology Architecture

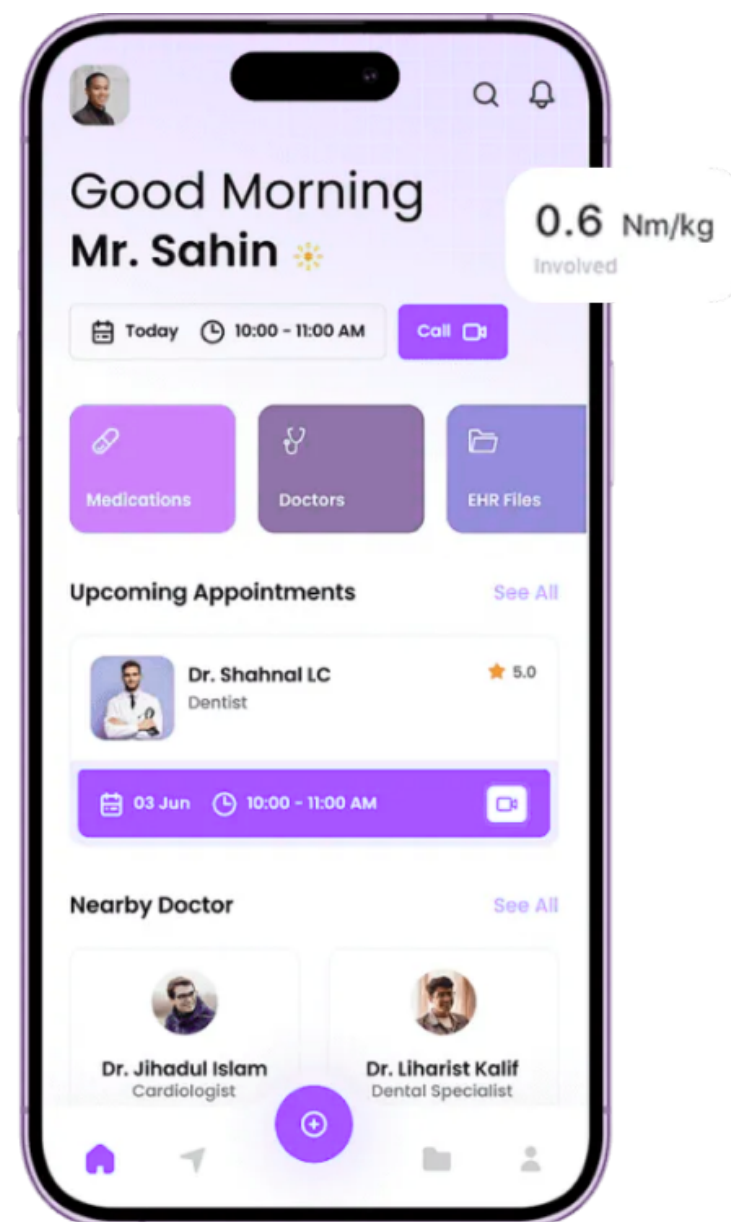
- Cloud-based scalable infrastructure
 - API-driven integration with HIS
 - Android & iOS compatibility
 - Real-time data synchronization
 - High availability & disaster recovery
- 

How Mobile Apps Are Healing Healthcare





- MY PATIENTS
- REPORTS
- SETTINGS
- HELP CENTER



BENEFITS FOR PATIENTS

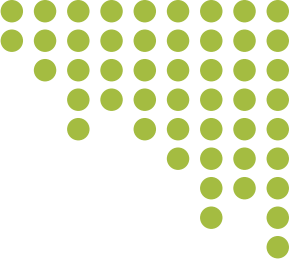
- Convenience of healthcare at fingertips
- Reduced hospital visits & waiting time
- Better health tracking & awareness
- Improved communication with doctors

BENEFITS FOR DOCTORS

- Faster access to patient data
- Improved productivity & time efficiency
- Enhanced decision-making with real-time insights
- Better patient engagement & follow-ups

BENEFITS FOR HOSPITAL

- Increased operational efficiency
- Reduced administrative burden
- Improved patient satisfaction scores
- Strong digital brand positioning
- Higher revenue through optimized processes



Expected Outcomes

- 40% improvement in patient engagement
- 30% reduction in administrative workload
- Faster clinical decision-making
- Increased patient retention
- Improved billing & revenue cycle
- Enhanced brand reputation



Effective
Consultation



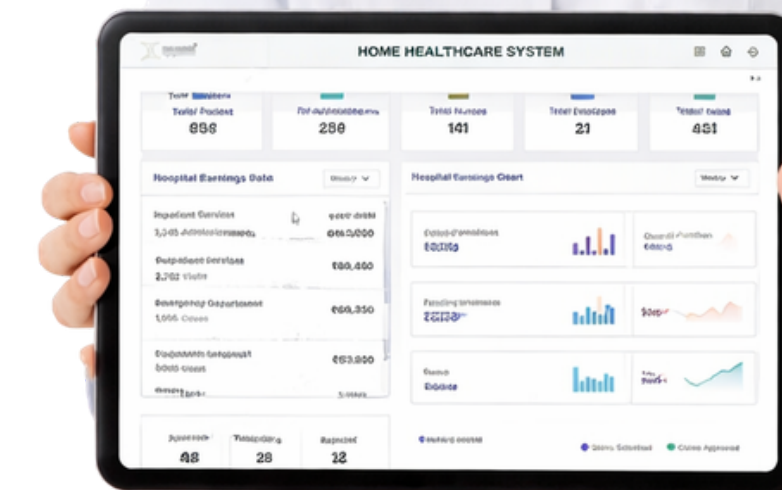
Better Health
Management

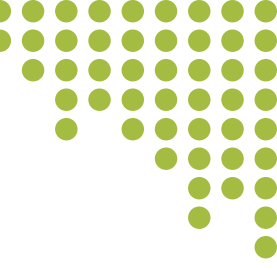


More
Productivity



Lowers the
Cost





Future Enhancements

E-LAB INTEGRATION:

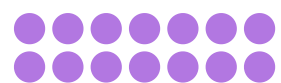
Online test booking, home sample collection, real-time tracking, and instant digital reports

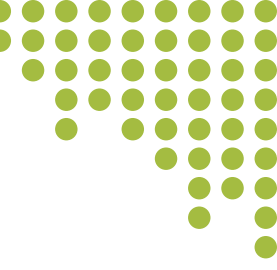
E-Pharmacy:

E-prescriptions, medicine ordering, automated refills, insurance-linked billing, and doorstep delivery

Home Healthcare Services:

Doctor visits, nursing care, physiotherapy, elderly care, and post-operative support at home

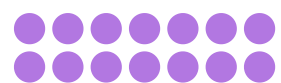




Conclusion

The proposed **Mobile HIS Platform** offers a future-ready, patient-centric solution for **healthcare providers**, enabling seamless digital engagement, real-time clinical access, and operational efficiency. With full compliance to regional regulations and bilingual support, it enhances care delivery, strengthens system resilience, and drives sustainable growth—positioning organizations for the next era of smart, connected healthcare.

**Empowering Healthcare with Intelligent Mobility,
Seamless Connectivity, and Future-Ready Innovation.**



Contact Us!



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