

Smart Wellness Tracker – User Manual

 ***A Centralized Healthcare Management System***

Developed by Group 3 – CS416: Service Oriented Systems

 Live Application: <https://sos-frontend-six.vercel.app>

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1. About the System

Smart Wellness Tracker (SWT) is a full-stack web application that streamlines doctor-patient interactions. From appointment booking to secure health record storage and teleconsultations, SWT makes healthcare accessible and efficient.

Technologies Used:

- **Frontend:** React.js
- **Backend:** Node.js + Express
- **Database:** MongoDB
- **APIs:** Google Auth, Google Maps, Stripe/PayPal, Zoom/WebRTC

Key Features:

- Google Auth-secured login
 - Doctor discovery based on filters
 - Appointment booking and calendar sync
 - Online payments with multiple options
 - Upload/view prescriptions and reports
 - Secure video consultations
 - Medication alerts and reminders
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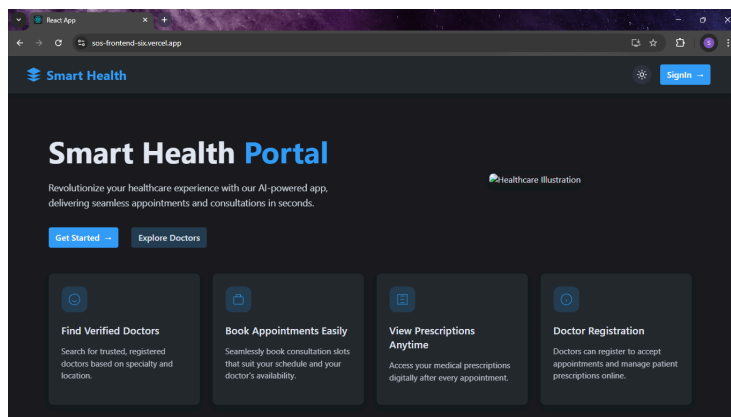
2. System Requirements

Requirement	Details
OS	Windows, macOS, Linux, Android, iOS
Browser	Chrome (recommended), Firefox, Safari, Edge
Internet	Stable connection required
Optional Hardware	Webcam and Microphone for teleconsultations

3. Getting Started

Step 1: Log In

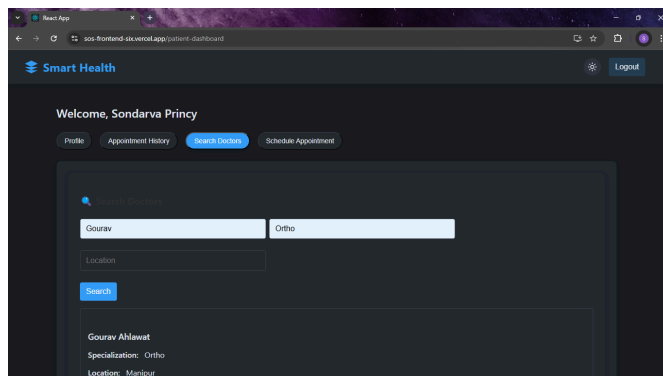
1. Go to [Smart Wellness Tracker](#)
2. Click on “**Login with Google**”
3. Choose your role: **Patient** or **Doctor**
4. On first login, complete your profile



4. Patient Module Guide

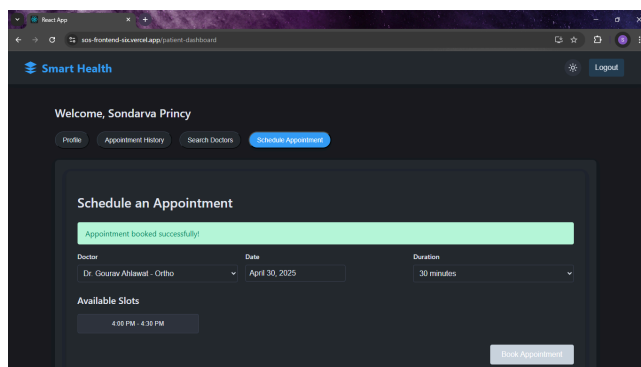
4.1 Search Doctors

- Click **"Search Doctors"** from the sidebar or dashboard
- Apply filters:
 - Specialization (e.g., Dentist, General Physician)
 - Location
 - Available Time Slots



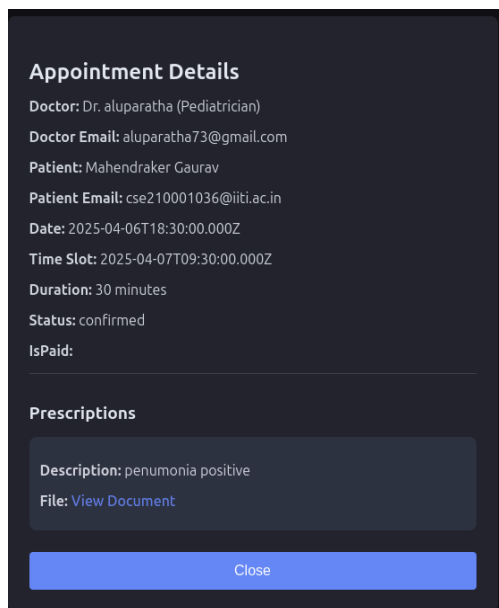
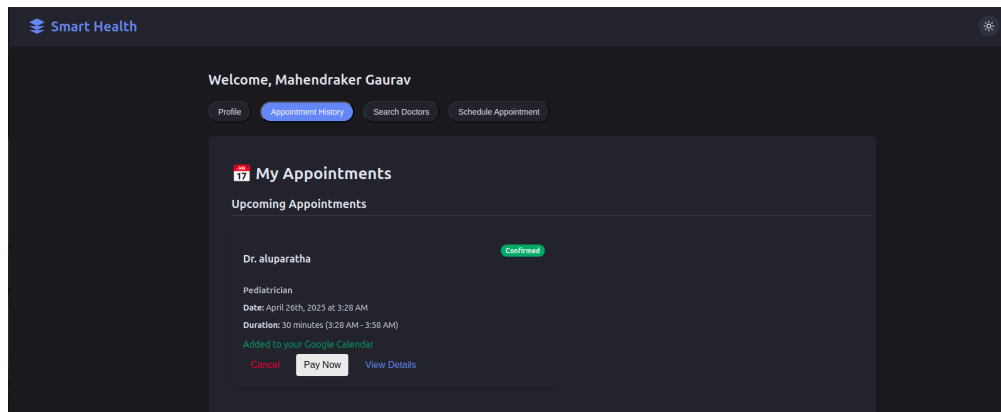
4.2 Book Appointments

- Select a doctor → choose a time slot → click **"Book Appointment"**
- You'll get a confirmation with appointment details
- View/manage it in **"My Appointments"**



4.3 Health Record Management

- Navigate to “Health History”
- Upload PDFs, images of prescriptions, lab reports, scans
- Secure, encrypted cloud storage
- View or download any time



Above is the detailed appointment detail with prescription.

4.4 Razorpay Payment Gateway

The image shows a Razorpay payment gateway interface for Acme Corp. The interface is divided into two main sections: a left sidebar for selecting a payment method and a right main area for entering payment details.

Header: Acme Corp

Account number: 2342352311

Amount payable is: ₹242.00

Select a payment method:

- Debit Card** (Selected): Visa, Mastercard, Rupee
- Credit Card**: Visa, Mastercard
- Netbanking**: Pay with Internet Banking Account
- Wallet**: Pay using a Wallet
- UPI**: Pay using BHIM, Tez and other UPI apps

Pay with Debit Card:

Card Number:

Expiry Date: / CVV:

Cardholder's Name:

Pay Now

VISA **Mastercard** **UPI**

Accept, process and disburse digital payments for your business. [Know more.](#)

Razorpay

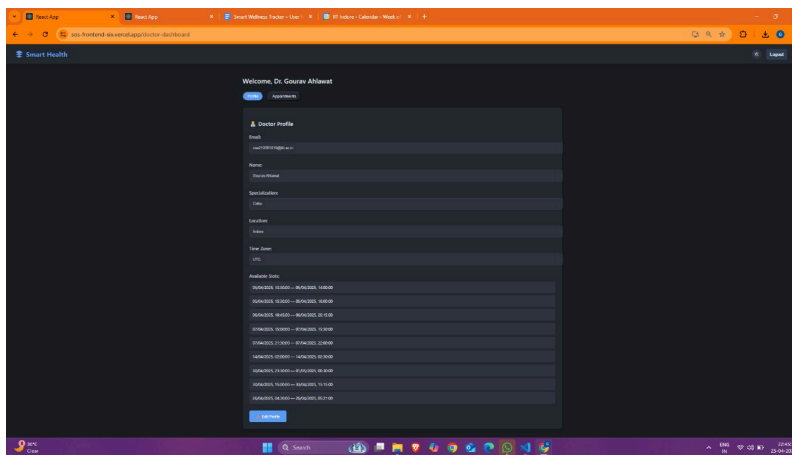
On clicking Paynow, the patient will be prompted to make payment for the appointment



Doctor User Guide

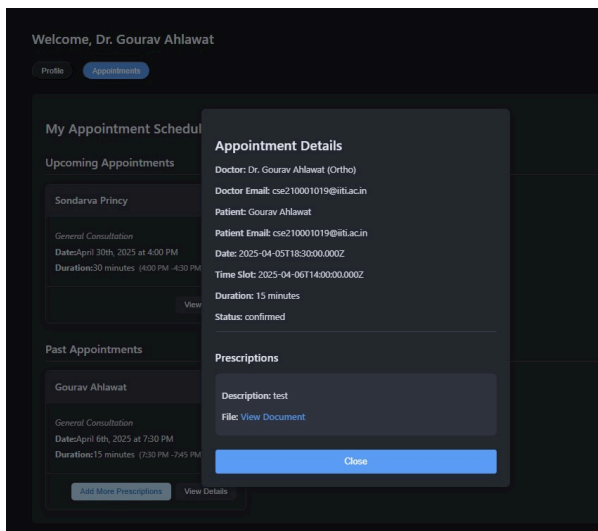
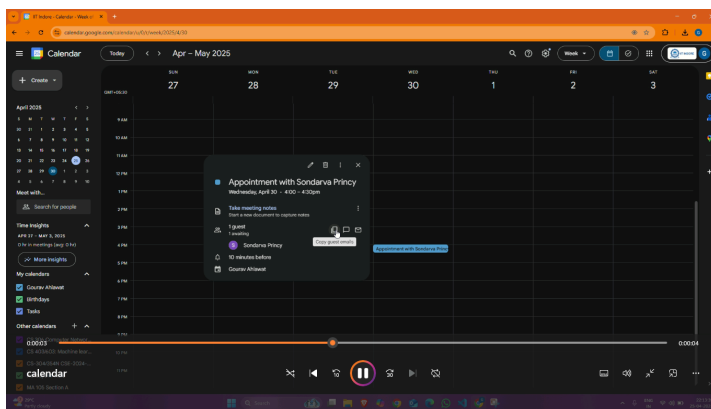
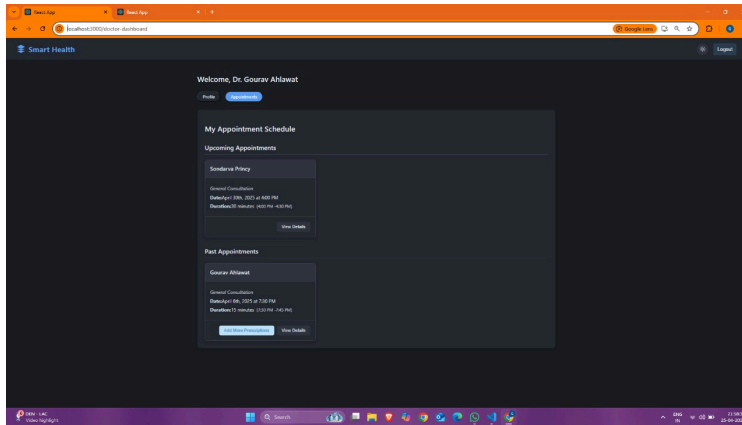
5.1 Doctor Dashboard

- Login redirects you to a dedicated dashboard
- View profile, appointment list, and patient details
- Manage time slots and consultation availability



5.2 Manage Appointments

- Accept, reschedule, or cancel appointments
- Google Calendar integration enabled
- Appointment status visible to both parties



5.3 View/Add Prescriptions

- Access patient records (with patient consent)
- Upload prescriptions post-consultation
- Maintain digital consultation history

