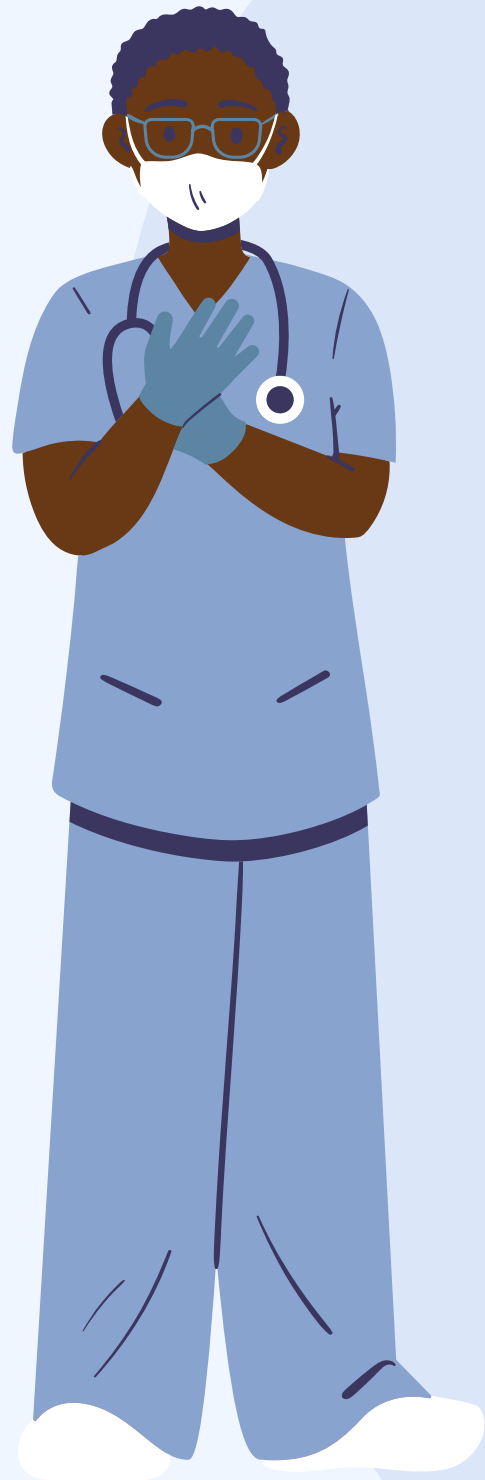


# TEAM TRILOK- MEMBERS



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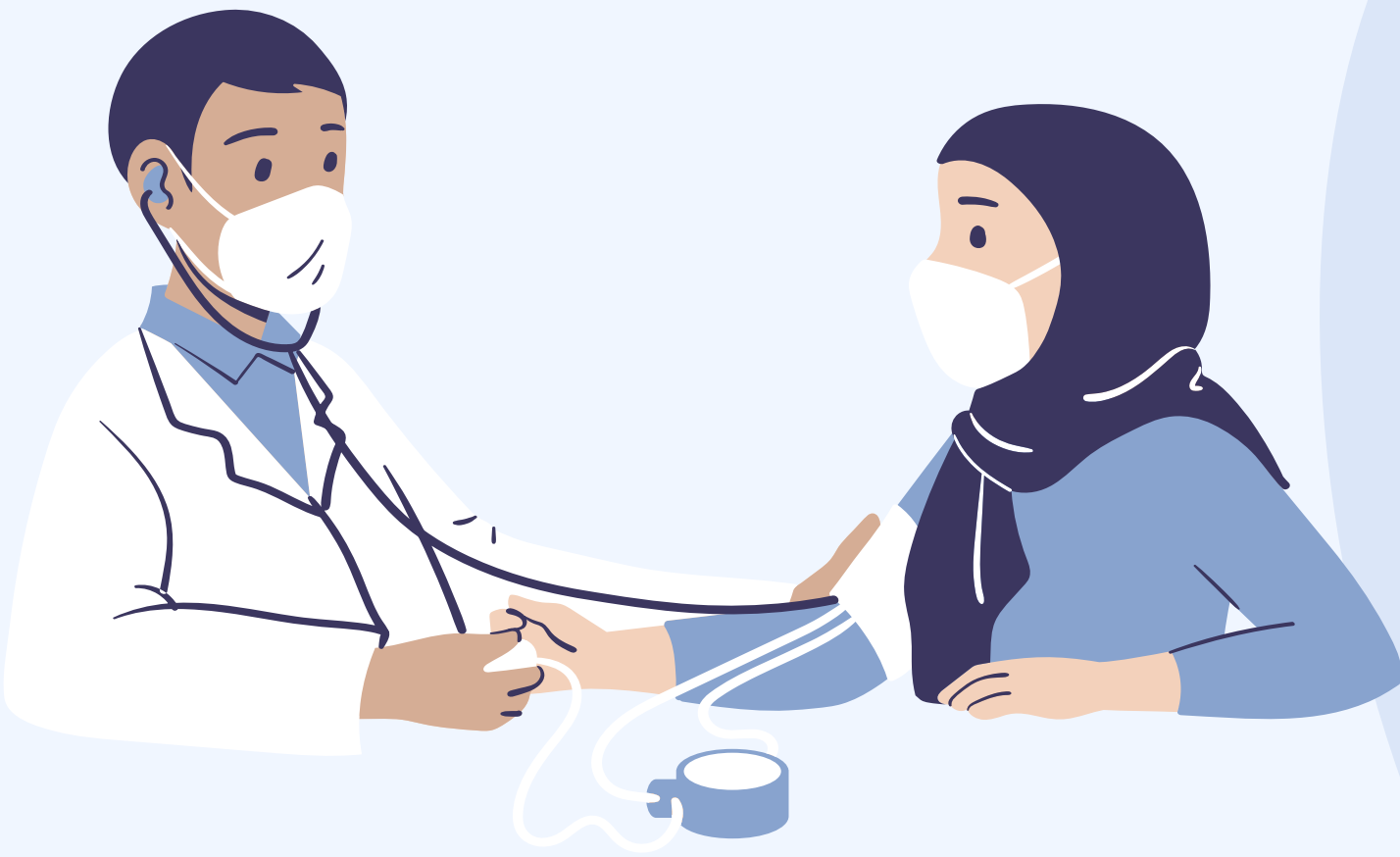


PROBLEM STATEMENT

# Clinic Management for Small Clinics



# KEY FEATURES



## 1) Streamline Clinic Management:

Develop a comprehensive platform that simplifies and automates administrative tasks for small clinics.

## 2) Enhance Patient Experience:

Provide users with an intuitive portal to manage their healthcare needs, including appointment scheduling, medical record management, and payment processing.

## 3) Symptom Assessment and Doctor Matching

Enable users to easily upload medical problems, receive accurate health predictions, and get a personalized and comprehensive list of doctors categorized by specialty, location, and expertise to book appointments easily.



# KEY FEATURES

## 4) Communication and Notifications

**In-platform Messaging:** Secure messaging system for communication between patients and doctors.

**Notifications:** Automated reminders for appointments, medication schedules, and updates on test results.



## 5) Security and Privacy

### **Role-based Access Control:**

Assign different access levels to users (patients, doctors, admins) to control who can view or edit information.

### **Audit Logs:**

Maintain detailed logs of user activities for tracking and monitoring access to sensitive information.

## 6) Analytics and Reporting

**Patient Insights:** Analytics to track patient interactions and health trends.

**Performance Metrics:** Reporting tools for monitoring the performance of doctors and the platform itself.

# Technologies Used

## Frontend

HTML, CSS, JavaScript

## Backend

Flask, MySQL, MongoDB

## Machine Learning

Langchain, HuggingFace,  
Tensorflow



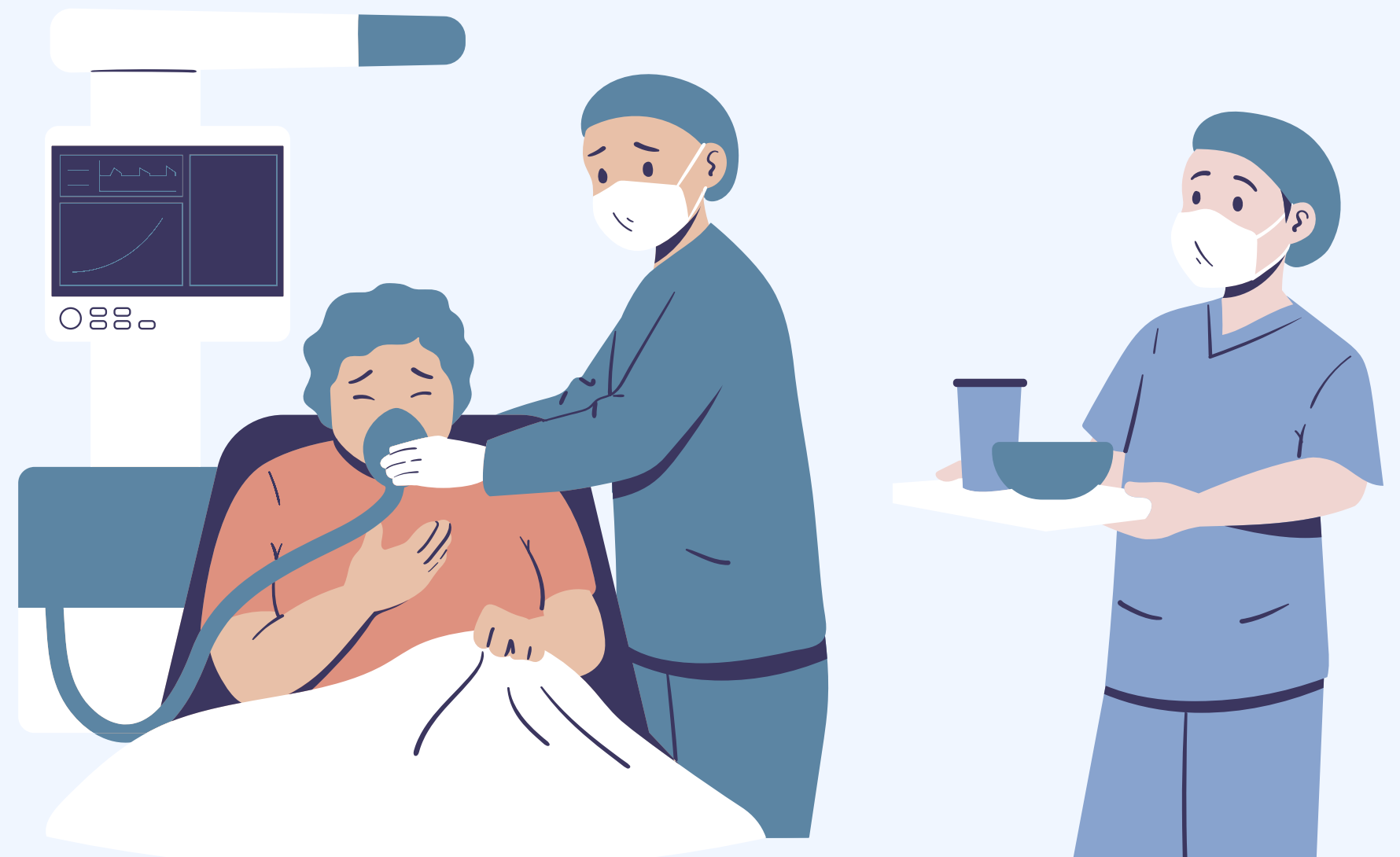
# System Overview

## Comprehensive web application

A robust and scalable web-based platform designed to manage all aspects of clinic operations, tailored specifically for small clinics in India.

## Centralized Database

- All patient data, medical records, and clinic information are stored securely in a centralized database, ensuring easy access and retrieval.





# SOLUTION

## Billing and Invoicing

Seamless invoicing and insurance claims processing, with detailed financial reporting for clinic management.

## Prescription Management

Doctors can issue secure digital prescriptions, accessible to both patients and pharmacies, reducing errors.

## Appointment Scheduling

Patients can schedule appointments through a user-friendly interface, with automated reminders and real-time queue management.

## Medical Test Records:

Automatic updates of test results into patient records, with notifications sent to patients upon availability.



# SOLUTION

## Patient Records

Comprehensive and secure patient histories, including visit notes, prescriptions, and test results.

## Doctor Directory

A directory of local doctors, with specialties and availability, facilitating easy referrals and patient matching.

## Chatbot Assistance

An AI-powered chatbot that guides patients to the most appropriate practitioner based on their symptoms, enhancing the initial interaction.








# User Flow

## Clinic Staff Interaction

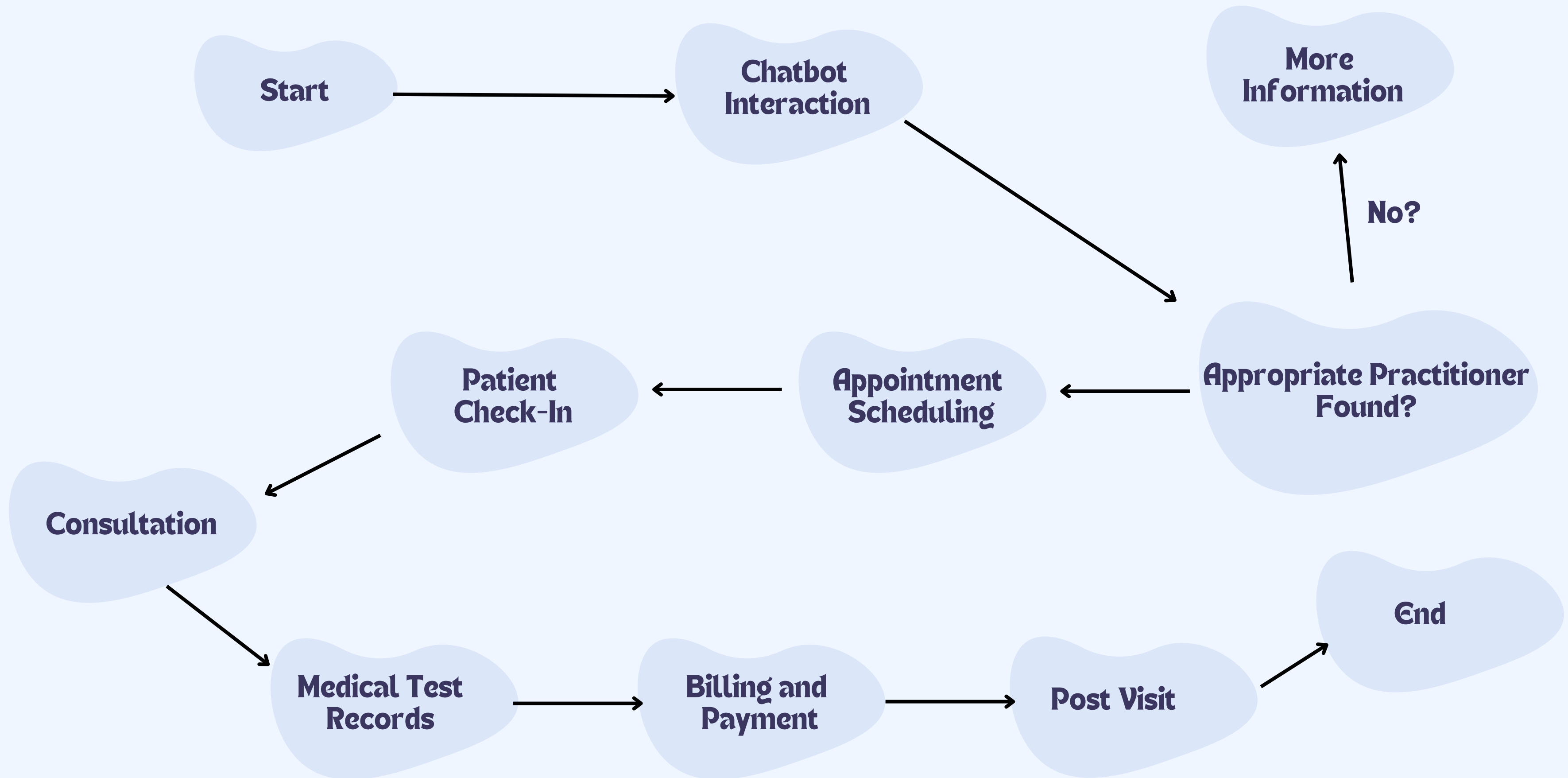
- Administrative staff can manage appointments, billing, and patient records with ease.
  - Automated billing and invoicing system that handles payments, insurance claims, and financial reporting.
  - Easy access to a directory of practitioners, enabling efficient referrals and care coordination.
- 

## Patient Interaction

- Patients can easily book appointments online or in-clinic using an intuitive interface.
- Access to their medical records, including prescriptions, test results, and visit summaries, through a secure patient portal.
- Automated reminders and notifications for upcoming appointments and follow-ups.

## Doctor Interaction

- Doctors can view and manage their daily schedule, access patient histories, and update records after consultations.
- Prescribe medications digitally, which are instantly available to patients and pharmacies.
- Communicate with patients securely through the system for follow-up care or additional instructions.



**Thank you for  
your attention**

