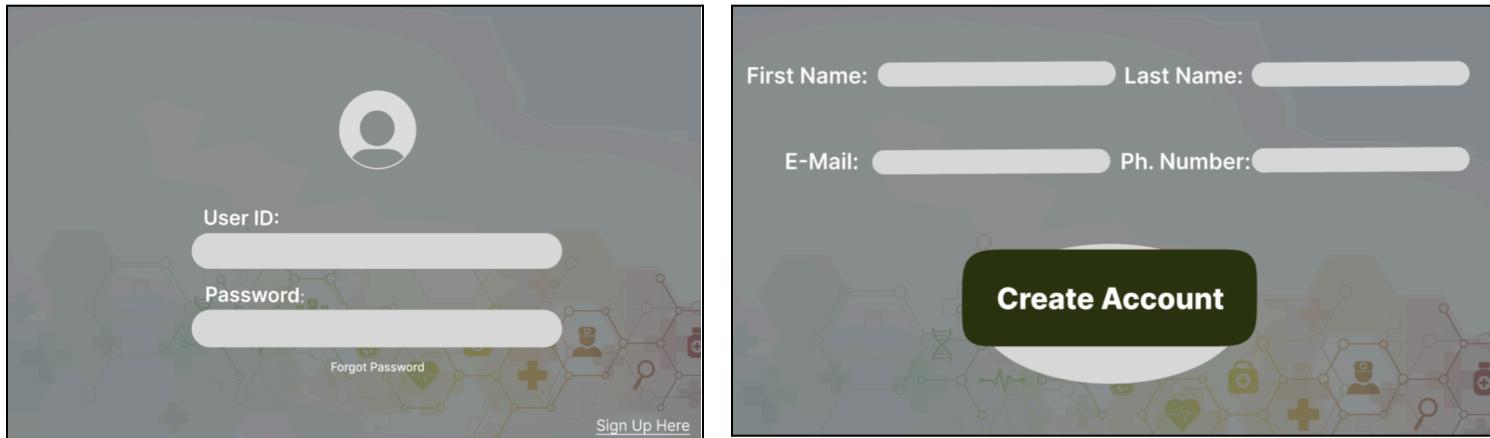


# Pediatric Office Automation Overview

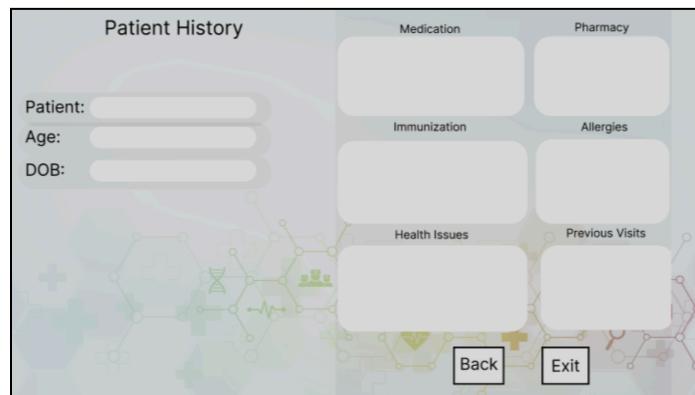
**Important:** The Github repository for this project has to be private, which is the reason for this document.

## Login Screen



The login screen provides a unified authentication system for all users, including doctors, nurses, and patients. Users can sign in with their unique credentials, recover a forgotten password, or create a new account. During registration, users enter their personal details, which are used to generate a unique system identifier. After authentication, users are automatically routed to the portal that matches their role, ensuring secure and role-based access to the system.

## Patient History View:



This screen displays a complete, read-only medical profile for a selected patient. It includes key identifiers such as name, age, and date of birth, along with structured sections for medications, immunizations, health issues, pharmacy information, allergies, and previous visits. Both nurses and doctors can quickly review this

information to support clinical decision-making while maintaining data integrity through controlled editing elsewhere in the system.

### **Doctor Portal:**

The Doctor Portal interface features a central workspace divided into several sections. On the left, there's a 'Vitals' section with fields for Weight, Height, Body Temperature, and Blood Pressure, each with a 'Save' button. Above these fields are input fields for 'Patient:' and 'Age:'. To the right, there are two main sections: 'Recommendations' and 'Prescriptions'. Below these sections is a 'Physical Examination' area containing a grid of icons related to medical tests and procedures. At the bottom of the screen are three buttons: 'Save', 'Exit', and 'Patient History'.

The doctor portal provides a centralized workspace for reviewing patient data and recording medical decisions. Doctors can view vital signs entered by nurses, update examination findings, issue prescriptions, and write treatment recommendations. All changes can be saved or finalized and are automatically stored in the patient's medical record, ensuring accurate documentation and continuity of care.

### **Nurse Portal:**

The Nurse Portal interface has a similar layout to the Doctor Portal. It includes fields for 'Patient:', 'Age:', and 'DOB:' at the top. Below these are 'Vitals' fields for Weight, Height, Body Temperature, and Blood Pressure, each with a 'Save' button. To the right, there are sections for 'Visit Information', 'Health Issues', and 'Allergies'. A 'Purpose of Visit' field is also present. The bottom of the screen features a 'Physical Examination' area with a grid of medical icons, and a row of buttons for 'Save', 'Submit', and 'Patient History'.

The nurse portal allows nurses to collect and record patient vitals such as weight, height, temperature, and blood pressure. Nurses can also document allergies, health concerns, and the reason for the visit. Once submitted, this information becomes immediately available to doctors, enabling a streamlined workflow between clinical staff.

## Patient Portal View

Patient Contact Information

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Home Address: \_\_\_\_\_

Insurance Information: \_\_\_\_\_

Pharmacy Location: \_\_\_\_\_

Save    Exit

Looking for previous visits? Click down below.

Summaries

Have any inquiries or health related questions? Contact a doctor or nurse down below.

Contact Us

Patient Visit Summaries

Date: \_\_\_\_\_  
Notes: \_\_\_\_\_

Date: \_\_\_\_\_  
Notes: \_\_\_\_\_

Date: \_\_\_\_\_  
Notes: \_\_\_\_\_

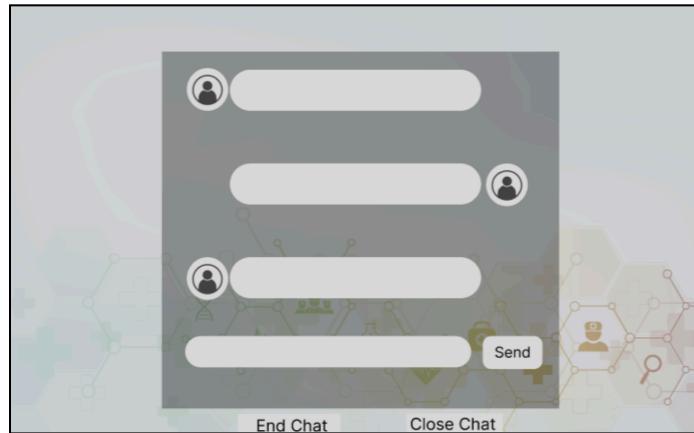
Have any inquiries or health related questions? Contact a doctor or nurse down below.

Contact Us

Back

The patient portal allows patients to manage their own information and stay connected with their healthcare team. Patients can update their contact details, view summaries of recent visits, and communicate directly with nurses or doctors through the built-in messaging system. This gives patients transparency into their care and a simple way to ask follow-up questions.

## Chat with the Healthcare Provider:



The integrated chat system enables secure communication between patients and medical professionals. Patients can send messages at any time, even when staff are offline, and continue conversations as needed. Medical professionals access their messages through their portal, allowing timely responses and improving patient engagement without requiring phone calls or in-person visits.