

Medical History Database - User Manual

Welcome to the Medical History Database Application user manual. This guide provides comprehensive instructions on how to use the application, tailored for the three types of users: Patients, Doctors, and Hospital Administrators. The application facilitates the management of medical histories, visits, treatments, medications, and other related medical information.

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1. Introduction

The Medical History Database Application is designed to streamline the management of medical records for patients, doctors, and hospital administrators. It allows users to access and update medical histories, schedule visits, and manage treatments and medications. The application ensures data privacy and security, providing different levels of access based on user roles.

Key Features:

- **Patient Access:** View personal medical history, visits, allergies, treatments, and medications.
- **Doctor Access:** Manage patient information, schedule visits, and request tests.
- **Hospital Administrator Access:** Full access to all information, manage doctors and patients, and perform administrative tasks.
- **User-friendly Interface:** Easy-to-use interface with scrollable lists and search functionality.

2. Getting Started

System Requirements

- **Operating System:** Windows 10 or higher, macOS, or Linux.
- **Java Version:** Java SE 8 or higher.
- **Database:** SQLite.

Installation

1. **Download the application:** Obtain the application package from the official website or contact your administrator.
2. **Install Java:** Ensure Java SE 8 or higher is installed on your system.
3. **Extract Files:** Unzip the downloaded application package.
4. **Run the Application:** Execute the **Registration.java** file to start the application.

Logging In

1. Open the application.
2. Enter your username and password.
3. Click the "Log in" button to access your account.

Creating an Account

1. Open the application.
2. Enter a desired username and password.

3. Click the "Sign in" button.
4. Select your role (Doctor, Patient, Administrator) in the pop-up window.
5. Follow the prompts to complete your registration.

3. Using the Application

Patient

As a patient, you can:

- **View Medical History:** Access your detailed medical records.
- **Check Visits:** View your past and upcoming visits.
- **Manage Allergies:** Update and view your allergy information.
- **Track Treatments and Medications:** View your current and past treatments and medications.

Doctor

As a doctor, you can:

- **Manage Patient Information:** Access and update your patients' medical records.
- **Schedule Visits:** Arrange new visits and view upcoming appointments.
- **Request Tests:** Order tests for your patients and view results.

Hospital Administrator

As a hospital administrator, you can:

- **Manage Users:** Add, edit, and delete doctor and patient accounts.
- **Access All Information:** View all patients' medical histories, treatments, and visits.
- **Administrative Tasks:** Perform tasks such as database backups and system updates.

4. User Interface Overview

Login and Registration

- **Login Panel:** Enter your username and password to access the application.
- **Registration Panel:** Enter your details and select your role to create an account.

Main Dashboard

- **Navigation Menu:** Access different sections such as medical history, visits, treatments, and more.

- **Information Panels:** View detailed information based on your access level.
- **Scrollable Lists:** Navigate through lists of visits, treatments, and patients with ease using scrollbars.
- **Search Functionality:** Quickly find specific records using the search box.

Patient Information View

- **Medical History:** Displayed in a structured format with detailed records.
- **Visits:** Lists past and upcoming visits with dates and details.
- **Allergies:** View and update allergy information.
- **Treatments and Medications:** Access current and past treatments and medications.

5. Troubleshooting and FAQs

Common Issues

- **Login Problems:** Ensure your username and password are correct. If you forgot your password, contact the administrator.
- **Registration Issues:** Ensure all fields are filled correctly and the username is unique.
- **Access Issues:** Ensure you have the correct role assigned for the information you are trying to access.

FAQs

1. **How do I change my password?**
 - If you forgot your password or want to change it, contact the administrator.
2. **How can I contact support?**
 - Use the contact form available: support@medicalhistorydatabase.com.

6. Contact and Support

For further assistance, please contact our support team:

- **Email:** support@medicalhistorydatabase.com
- **Phone:** +34-636-295-474
- **Website:** using the application, launch the HTML file named ExternalHtmlPatient.html to open our website (ExternalHtmlDoctor.html in case you are a doctor)

Thank you for using the Medical History Database Application. We are committed to providing you with the best experience in managing your medical information.