

USER'S MANUAL

Welcome to the Medical Database Application. This guide will help you understand how to create accounts, log in, and navigate through the application features available for both doctors and patients.

Creating an Account

To use the database, you must first create an account. Follow these steps:

1. **Open the project.**
2. **Choose your desired option : (In this case) Sign in.**
3. **Enter the required information: Username and Password.**
4. **Choose your role: Patient or Doctor.**

Important:

- If you attempt to log in with an unregistered account, you will receive an error message indicating that the account does not exist.

Log In

1. **Open the project.**
2. **Enter your username and password.**
3. **Choose the option Log In".**

Depending on your role (Patient or Doctor), you will see different menus with distinct options.

Doctor's Menu

Upon logging in as a doctor, you will have access to a menu with various actions. Our database already includes some content (patients, allergies, symptoms, and treatments), but you can add more as needed.

Options Available:

1. **Add Patient:**
 - Select this option to add a new patient.
 - Enter basic information: First Name, Last Name, Date of Birth, and Gender.
2. **Delete Patient:**
 - Choose this option to remove a patient and all associated information from the database.
3. **Update Patient Information:**
 - Select this to modify an existing patient's personal or medical information.

4. **Add Symptom:**
 - Use this option to add new symptoms to the database and assign them to a patient.
5. **Add Allergy:**
 - Similar to adding symptoms, this option allows you to add new allergies to the database and assign them to a patient.
6. **Diagnose and Assign Treatment:**
 - Select this option and search for the patient.
 - View the patient's allergies.
 - Select an allergy to treat and choose from the available treatments.
7. **Create Prescription:**
 - Based on the patient's allergy and chosen treatment, create a new prescription.

Patient's Menu

When a patient logs in, they will see a simpler menu with two main options:

1. **Check Medical Records:**
 - This option allows patients to view all their medical information, including updates from their doctors, so they can stay informed about their health status.
2. **View Prescriptions:**
 - Patients can review their current prescriptions, which contain the necessary details to be filled at a pharmacy.