

LIST OF THE PROGRAM'S FEATURES

The application allows users to create accounts using a username and password, enabling them to log in later for program management. The program supports two roles: Patient and Doctor, each with distinct options upon logging in.

For Patients:

- **View Medical Records:** Patients can access all their medical information, including updates from their Doctors, to stay informed about their health status.
- **View Prescriptions:** Patients can review their medical prescriptions, containing necessary details for filling them at the pharmacy.

For Doctors:

- **Add Patient:** Doctors can add new patients to the database, including basic personal information.
- **Remove Patient:** Doctors can delete a patient and all associated information from the database.
- **Update Patient Information:** Doctors can modify the personal and medical information of a patient.
- **Manage Symptoms:** Doctors can add or remove symptoms in the patient's record.
- **Manage Allergies:** Doctors can assign or remove allergies from the patient's profile.
- **Diagnose and Prescribe Treatment:** Doctors can review a patient's information and assign appropriate treatments.
- **Create Prescription:** Doctors can generate new prescriptions for patients, which can be used to obtain the necessary treatments.
- **Download XML:** Doctors can download information of the database into an XML file.
- **Upload XML:** Doctors can transform information in XML into Java. Doctors can add information of a selected patient or from themselves.
- **Update medical score:** Doctors can update the medical score of a selected patient by deleting symptoms and allergies.