



DOCTOR MANUAL



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REMOTE MONITORING FOR PARKINSON DISEASE

Doctor Application Manual:

Welcome to the Doctor Application. This application is designed to allow healthcare providers to log in, manage patient data, view patient reports, and add observations to those reports.

Step 1: Launch the Application

To begin, run the **Doctor Application**. The app will prompt you to establish a connection to the server by entering the server's **IP address** and **port**.

- **IP Address and Port:** Enter the correct server details for a successful connection.
- **Connection Status:** You will receive a confirmation message once the connection is successful. If the connection fails, double-check the details and try again.

Step 2: Pre-Login Menu

Once the connection is established, you will see the **Pre-Login Menu** with the following options:

1. **Register:** New doctors can create an account.
2. **Log in:** Returning doctors can log into their existing accounts.
3. **Exit:** Exit the application.

Step 3: Doctor Registration

If you're new to the application, select **Register**. You will need to provide the following information:

- **Email:** Enter a valid email address. The system will check if the email is already registered.
- **Full Name:** Enter your full name.
- **Date of Birth:** Input your birth date.
- **Password:** Create a password for your account.

Once you've registered successfully, you'll be directed to the **Login Menu**.

Step 4: Doctor Login

If you're a returning doctor, select **Log in**. You will need to provide:

- **Email:** Enter your registered email address.
- **Password:** Enter your password.

After successfully logging in, you'll be taken to the **Main Doctor Menu**.

Main Doctor Menu (After Login)

Once logged in, you have access to the following options:

1. **View Patient Information:** See all the patients you are assigned to.
2. **View Reports:** View all reports associated with your patients.

3. **Add an Observation:** Add a medical observation to a patient's report.
4. **Log Out:** Exit the application and return to the Pre-Login Menu.

Managing Patients

Viewing Patients

Once logged in, the **Main Doctor Menu** will show you the list of patients assigned to you.

- If no patients are assigned to you, you will see a message indicating that you have no patients yet.
- If you have patients, their names will be listed, and you can select one to view their information and reports.

Selecting a Patient

To view a specific patient's details, select the patient from the list. This will bring you to the **Patient Info Menu**, where you can see the patient's reports and details.

Managing Reports

Viewing Reports

After selecting a patient, you will see a list of reports associated with that patient. Each report includes:

- **Report Date**
- **Patient and Doctor Observations**
- **Symptoms**

You can view the full details of any report, including the signals (e.g., EMG, ECG) captured during the patient's visits.

Adding an Observation to a Report

Once you have selected a report, you have the option to **add an observation** to it. To do this:

- **Add Observation:** You can add any observations regarding the patient's condition, which will be included in the report.
- **Send the Observation:** After entering the observation, it will be sent to the server, and the report will be updated.

Patient Report Details

When you select a specific report, you will be able to view detailed information, such as:

- **Patient Observation:** Written by the patient.
- **Doctor Observation:** You can add your own observation.
- **Symptoms:** The symptoms recorded during the patient's visit.

You can also download the signal data (e.g., from the BITalino device) associated with the report.

Additional Features

Logging Out

If you wish to log out, select the **Log Out** option from the main menu. This will exit your session and return you to the **Pre-Login Menu**.