

# 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**.