Procedimento de Operação

The user (Doctor) must login in the web app to access the main page. Then the user need to select one patient from the list of patients.

To begin a session the user must press the New Session button that will redirect to a new page with a start session button.

Esticar o IKB e ligá-lo (turn on its switch).

The user ask the patient to dress the kneepad and walk for around 2 minutes to get used to it.

To begin the session the user must press the start button.

(start aquisition)

When the start button is pressed a message is sent to the kneepad via MQTT protocol and a sound is played.

When the sound is played the patient must start walking during all the session so the

data *IKB ?*

~~values~~ sent from the arduino to the web app are all usable.

When the session ends another beep is played. *The session ends when... the set session time is over or the stop button is pressed.*

Then the patient may undress the kneepad. Meanwhile the values are already available ~~to~~ in the web app for analysis.

Conceito de Operação

(doctor or medical staff)

1. User login to web app
2. Patient dress the kneepad
3. Patient walks for around 2 minutes
4. User press start button
5. When session ends patient undress the kneepad
6. *Data is analysed by the user*

Arquitetura do Sistema