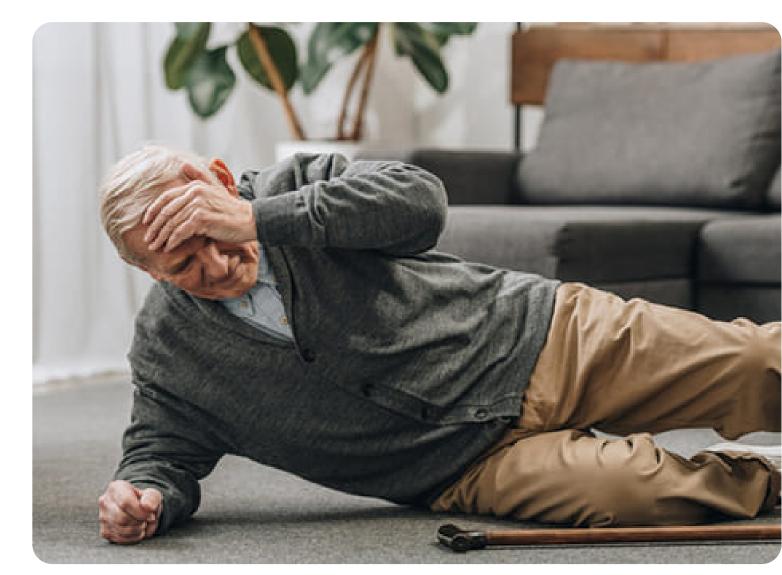


Vital Monitorization Bracelet KEEP AN EYE ON YOUR DEAR ONES



Problem

In Portugal, 44,100 elderly people live in isolation, making it difficult to ensure their safety.



Due to living alone, they are prone to falls and other accidents.

Solution

VIMO is a very simple safety system It consists of:

A bracelet that monitors the user's heartbeat and movement.

Made with an:

- Heartbeat Sensor
- Accelerometer

Results

Entire System

- Real life tested

- The algorithms and thresholds

- Super efficient battery usage

implemented are reliable

- Works in a wide range

Bracelet

- Accurate data

- Strong connection

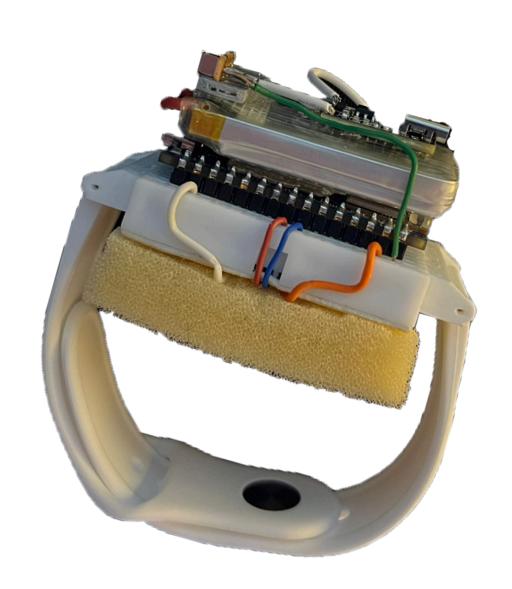
- Comfortable and

with the local router

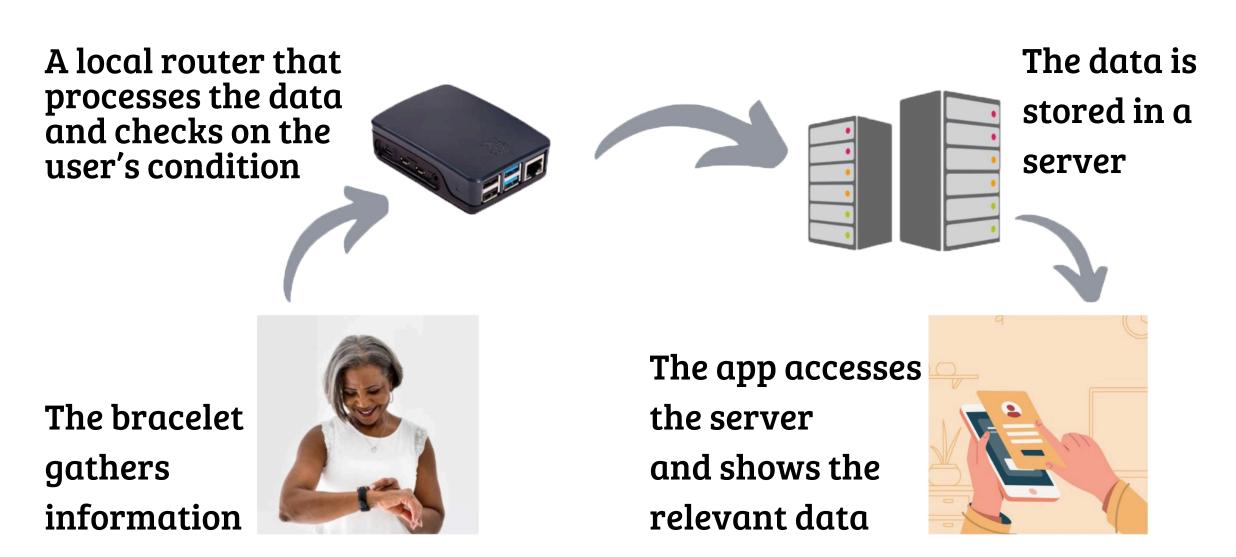
collecting

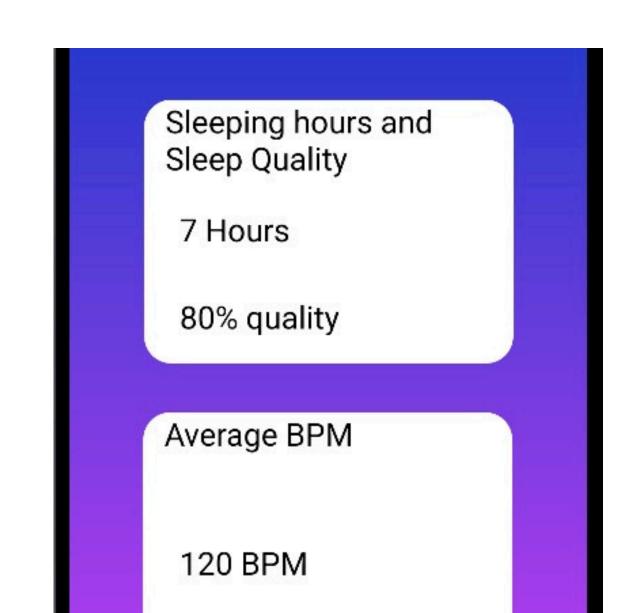
robust

- Gyroscope



Solution Schematic





An App that allows to monitor the bracelet's user from anywhere.

It's intuitive to use.

Sends notifications in case of accidents.

Allows to monitor:

- Falls

App

- Android compatible

- Shows real-time data

- Able to access the

Firebase server

- Capable to send

notifications

Graphs

- Average hearth rate
- Sleeping quality

Functionalities Real time heart

rate monitoring

Testimonials

Fall detection



"Acho que é ótimo para as nossas idades. Eu tenho 87 anos, vivo sozinha e se eu cair o gato não consegue avisar ninguém."

lvóne, 87 anos



"Aconselho a todas as pessoas que vivem sós, que usem. Projetos deste género fazem falta."

Lúzia, 87 anos

Website Video

Partners









Sleep tracking

Team





932 785 353



919 991 495





939 306 980









António Quendera

935 253 478

Local Router

- Runs the algorithms

with good performance

- Capable of uploading

to the Firebase server

the internet

- Reliable connection to