Vision

- Our goal is to act as the standard for simplicity in healthcare statistics.

Mission

- We strive to provide applicable health information to both individuals and healthcare professionals, relevant to their lifestyle and wellbeing throughout their life.

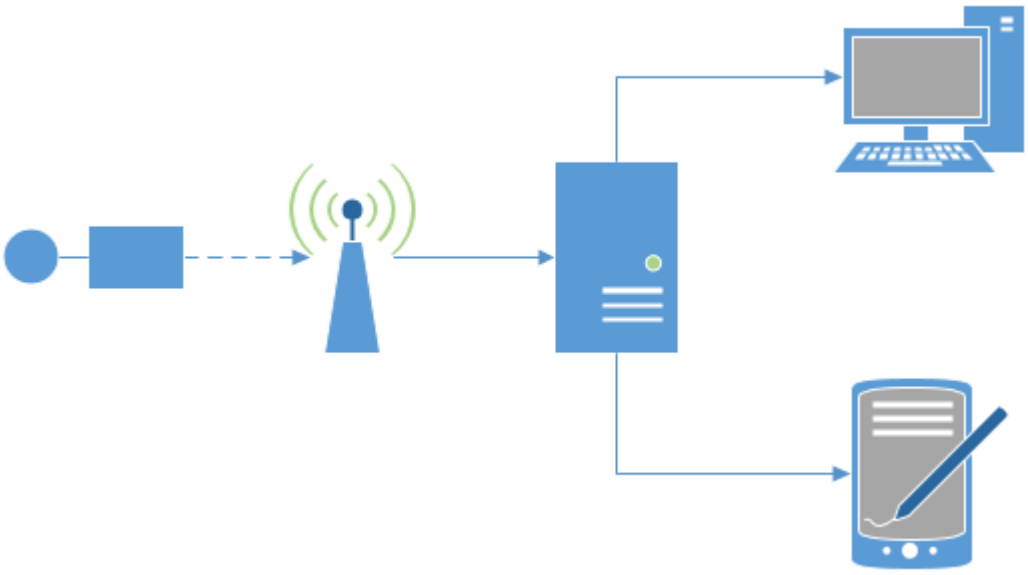
Principles

- Our company sets the patient as our top priority, and plans to always work to satisfy the consumer’s needs above all else. We strive to create simple, accessible devices catered to a diverse population. Our products are designed to be the most innovative in the field of biosensors. We aim to be the link between patients and healthcare professionals, to provide accurate data, and to bring a personal touch to day-to-day healthcare. We rely upon the values of integrity, perseverance, trustworthiness, and customer satisfaction to drive our company forward.

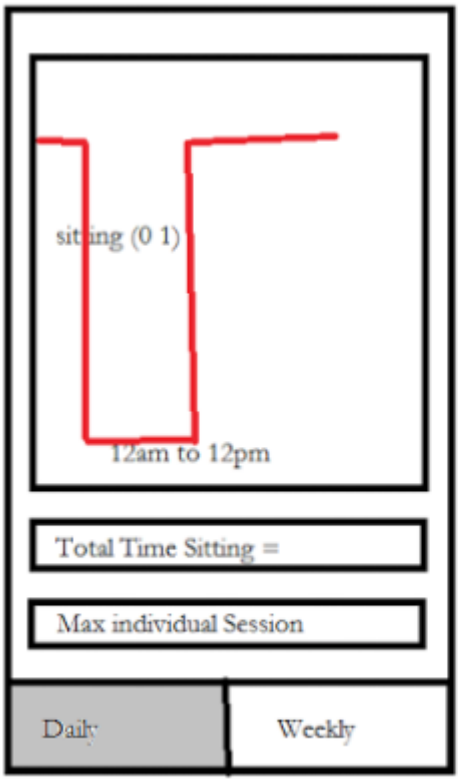
SenSit

Technical description

The Sensit device can be broken into two components: hardware and software. The hardware aspect is primarily composed of a force sensitive resistor connected to an Arduino Uno using a voltage divider circuit with 10k ohm resistor. The arduino is linked to a Raspberry pi 3 Model B through a USB connection, and transmits any data it senses. The raspberry pi does some initial filtering of the data, and transmits it via a WiFi connection to a MongoDB instance hosted on a cloud service like Heroku or AWS. The software component of the SenSit, a website or Android application, interprets the information and presents it to users. The application can be configured to send notifications and other alerts. The software aspect of Sensit is essentially an application that interprets the data signals into personal health information.



The SenSit is able to transmit your data wirelessly, giving you to access detailed activity records of sitting or laying down.



View activity data on your device.