

RPHM

(Raspberry pi health monitor)

Overview:

Our project utilizes a raspberry pi to relieve the strain on the overworked medical system in this country. The project is a box that measures your heart rate, temperature,(Blood pressure). This could provide valuable information related to your bodily health. There are many serious diseases that our project could potentially help.

Features

Some features that it can measure are it includes are:

- Heart rate monitor
- Thermometer
- It has an easy to use UI with 2 physical buttons to navigate the system

Some other features it can advise are:

- It has an incorporated AI to allow for fast advice to help you at faster
- It collects the data in preparation for you to share with your doctor, this means they have a greater amount of data collated
- It has a screen on it that displays a graph of your results which visualizes the data helping you understand it

Why we made it

We made our project with the aims to help people who may not have the capabilities to go to hospital, or to relieve the strain on hospitals, this would hopefully negate the need for some people to go in, this would free up time for doctors to concentrate on more serious issues, or if they have an issue, they could share it with the doctor

The Team

Mykhailo Chmykhal
Ben Iles