MEET PAIGE

User

Hey Paige, I don't feel so well...

Paige

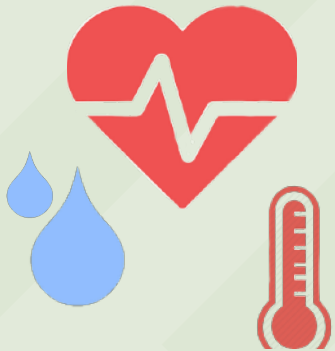
You seem like you could use a hand. Would you like me to help?

Paige's powerful AI not only allows her to hold conversations but also to detect when the user needs assistance in order to connect them with relevant emergency contacts.

HOW IT WORKS

During a panic attack, Paige **determines** the user's location, **directs** them to a "safe place" and **communicates** these locations to their contacts.

The wristband uses a collection of **sensors** to continuously **monitor** signals coming from the user's body. These are used to **detect** panic attacks.



To stay **connected** to the rest of the world, Paige **communicates** with an **Android** App that handles geo-location, sending out **distress signals** and configuring settings such as contact details.

WHY PAIGE?

- ✓ User friendly
- ✓ Voice activated
- ✓ Non-invasive
- ✓ Medical logging
- ✓ Affordable

Paige incorporates the capabilities of various standalone devices into one smart wearable. But what makes her so great is her ability to operate without requiring active participation from the user. Despite her advanced capabilities, Paige's design allows for a very competitive price of £79.99

PAIGE

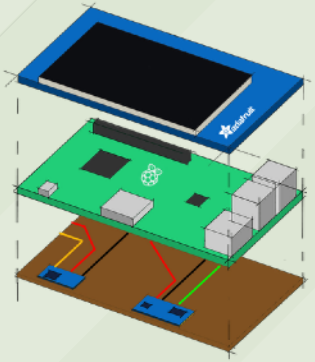
Wearable Dementia Protector

YOUR PROBLEM

Dementia is a symptom that currently affects over **50 million people** worldwide, and this number is expected to **double every 20 years**. It is a group of related symptoms that are closely correlated with **ever-decreasing brain function**, especially affecting **people over the age of 65**.

Whether it is age-related **memory loss** or severe cases of Alzheimer's disease, **dementia affects millions** around the world.

Our goal is to reduce the impact dementia has on their daily lives.



Display
Adafruit PiTFT

Computer
Raspberry Pi 3

Sensing Unit
Temp, Humidity
Pulse sensor

OUR SOLUTION

We believe that by creating **Paige**, we have created the **world's first smart wearable with an AI assistant** designed for people diagnosed with dementia. Paige is a wireless device that is **worn on the wrist** and **monitors essential health parameters** to create a simple and personalised database for the user. She **intelligently responds** to any unusual changes in order to detect a panic attack.

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IBM

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