



Wrist heart rate monitor

Problem :

Preventing the multiplications of heart and panic attacks

Targeted People : People with heart issues

Suggested Solution :

Wrist heart rate monitor that measures the pulse using ppg sensor. This technology uses a light-based technology to sense the rate of blood flow as controlled by the heart's pumping action.

The wrist heart rate monitor works :

- Detects the pulse using ppg
- if the pulse goes past the healthy expected heart rate the output is as follows :
- an electric shock is triggered for a short amount of time.
- A vibration is initiated which won't stop until one of the following conditions is fulfilled :

| The user has surpassed the risk and turned it off

| The user is at risk therefore a warning message is sent to a family member.