

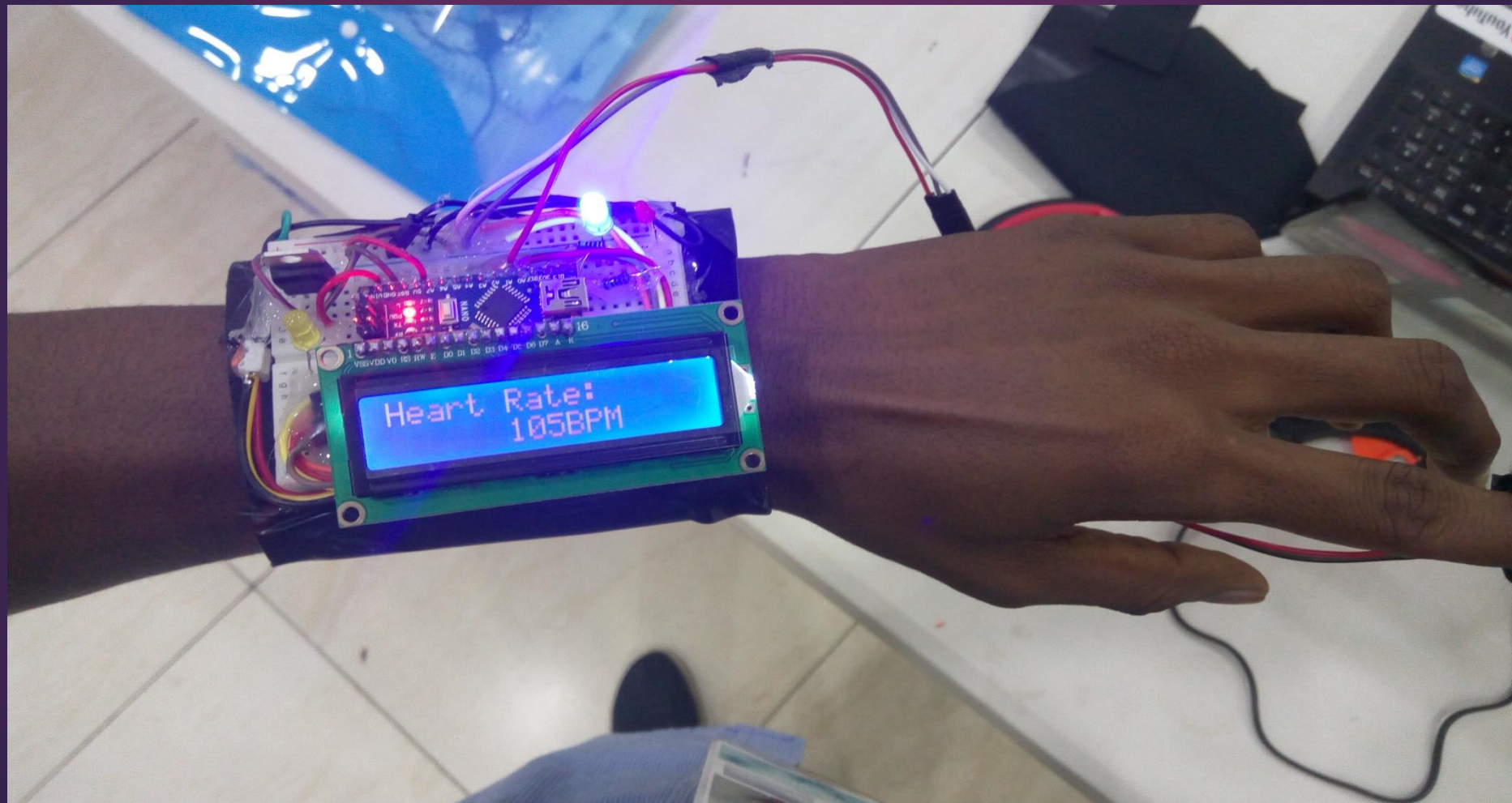
# HEART RATE MONITOR FOR PREGNANT WOMEN

(Final Pitch)

TEAM 3



# MEET THE HR WATCH



105 BPM?



# WHO WAS THIS DESIGNED FOR?



Approximately 800 women die from pregnancy or childbirth-related complications around the world every day. Ninety-nine percent occur in developing countries.

High blood pressure during pregnancy (preeclampsia and eclampsia) was our case study.

# Components

The heart rate monitor is used to check the heart rate of users (especially pregnant women) and to alert them when there is a consistent spike in heart rate.

## Components

1. LCD screen
2. LED lights
3. Pulse sensor
4. Power button
5. Charging port

# USAGE

1. Put on heart monitor strap like a wristwatch
2. Detach the heart rate sensor from the side of device and attach to the tip of the index finger with the use of a strap.
3. Push Power on button to power heart rate sensor.
4. Wait for 5 seconds as the sensor calculates heart rate
5. The blue and red LED indicate power, the yellow LED indicates the pulsation of the heart.
6. The yellow LED continues blinking if heart rate is normal. In situations where the red LED blinks, medical help should be consulted.

# Sleep mode

The device automatically goes to sleep mode when idle for five seconds or when placed on a non-pulsating object.

## CAUTION

- ▶ **Do not** Put in damp areas or close to a body of water
- ▶ **Do not** Charge for more than two hours

NB: Keep out of reach of children

DEMO TIME

