

PRESENTASI

# SMART CLOTHES

## PENDETEKSI DETAK JANTUNG

NAMA KELOMPOK :

1. VERY BAKTIYAR SANTOSA (2123600001)
2. A'ISYAH ROZAAN BAZIGHIS (2123600005)
3. ACHMAD ZULFAN MASRURI (2123600013)
4. MUHAMMAD HILMI HAIDAR YAHYA (2123600022)
5. MUHAMMAD NABIL (2123600025)

# LATAR BELAKANG

**PERKI: Kematian Akibat Penyakit Jantung yang Masih Tinggi di Indonesia Jadi Tantangan Pertama**

Sabtu, 6 Agustus 2022 09:41 WIB

Penulis: Rina Ayu Panca Rini  
Editor: Johnson Simanjuntak

VIRTUAL PRESS CONFERENCE

PERAN STRATEGIS PERKI DALAM MEMERIKSA MASI KESEHATAN DI BIDANG KARDIOVASKULAR (KARDIOVASKULAR DAN SUMSUM DARAH)

dr. Gadjitjo Prakoso, Sp.JP (K)  
Ketua PP PERKI

**HARI JANTUNG SEDUNIA**  
Angka Kematian Akibat Jantung Masih Lebih Tinggi dari Covid

Rabu, 24 Agustus 2022

Cari

Health & Concerns

**PERKI: Kematian Akibat Penyakit Jantung yang Masih Tinggi di Indonesia Jadi Tantangan Pertama**

G sehatnegeriku.kemkes.go.id/baca/umum/20170801/2521890/penyakit-jantung-penyebab-kematian-tertinggi-kemenkes-ingatkan-cerdik-2/

sehatNegeriku

SEHATLAH BANGSAKU

BERANDA RILIS SEHAT FOTO SEHAT VIDEO SEHAT INFOGRAFIS KOMIK SEHAT BLOG SEHAT MEDIAKOM

**Penyakit Jantung Penyebab Kematian Tertinggi, Kemenkes Ingatkan CERDIK**

by Rokom ~ 05 Agustus 2017 Reading Time: 2 mins read

G20 INDONESIA 2022

Hoaks [DISINIFIKASI] Kursi Rapat

Hoaks [HOAKS] Penyembuhan Usus Besar

Hoaks [HOAKS] Mengatakan

Hoaks [HOAKS] Kemarau

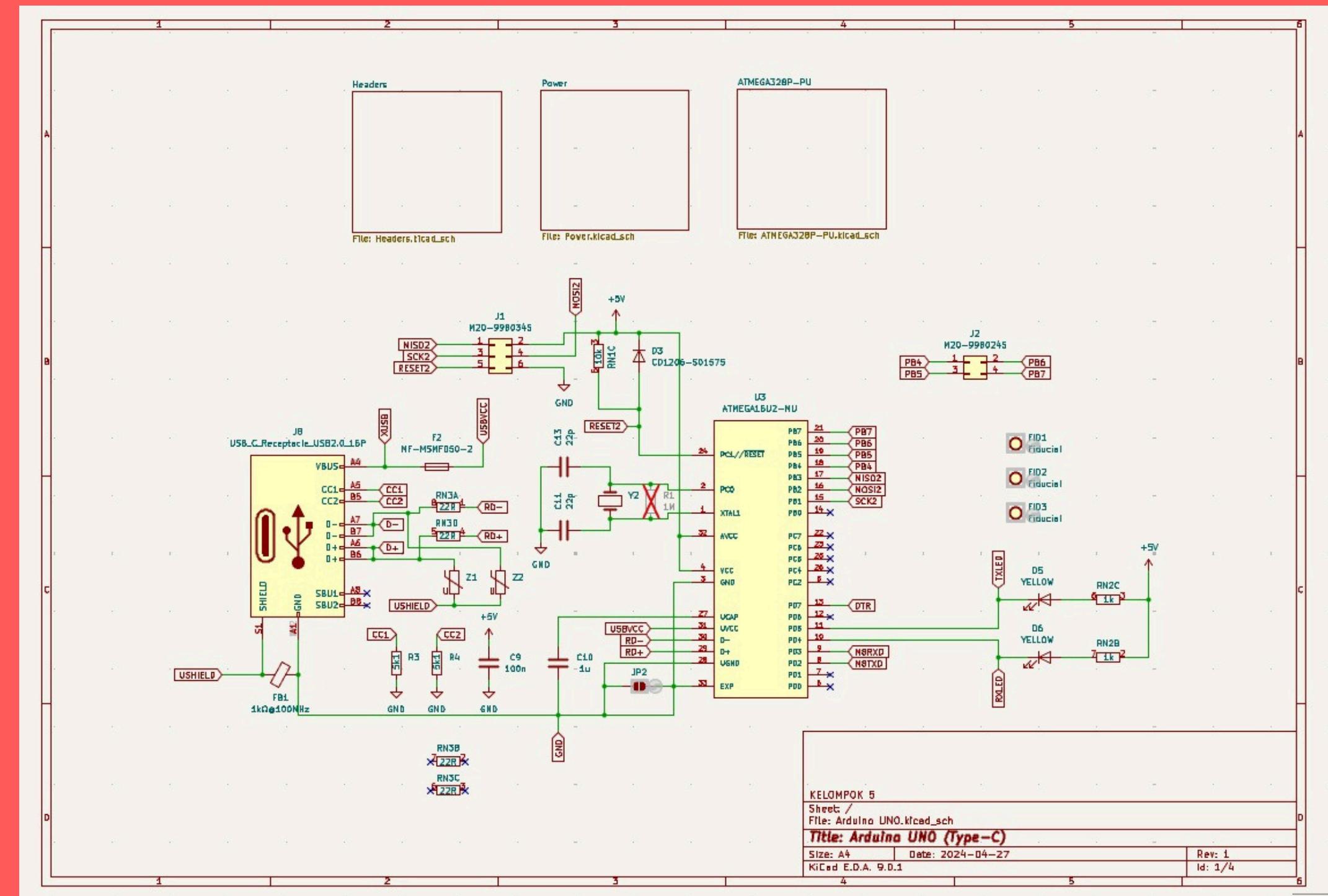
Hoaks [HOAKS] Mengatakan

# FITUR UTAMA

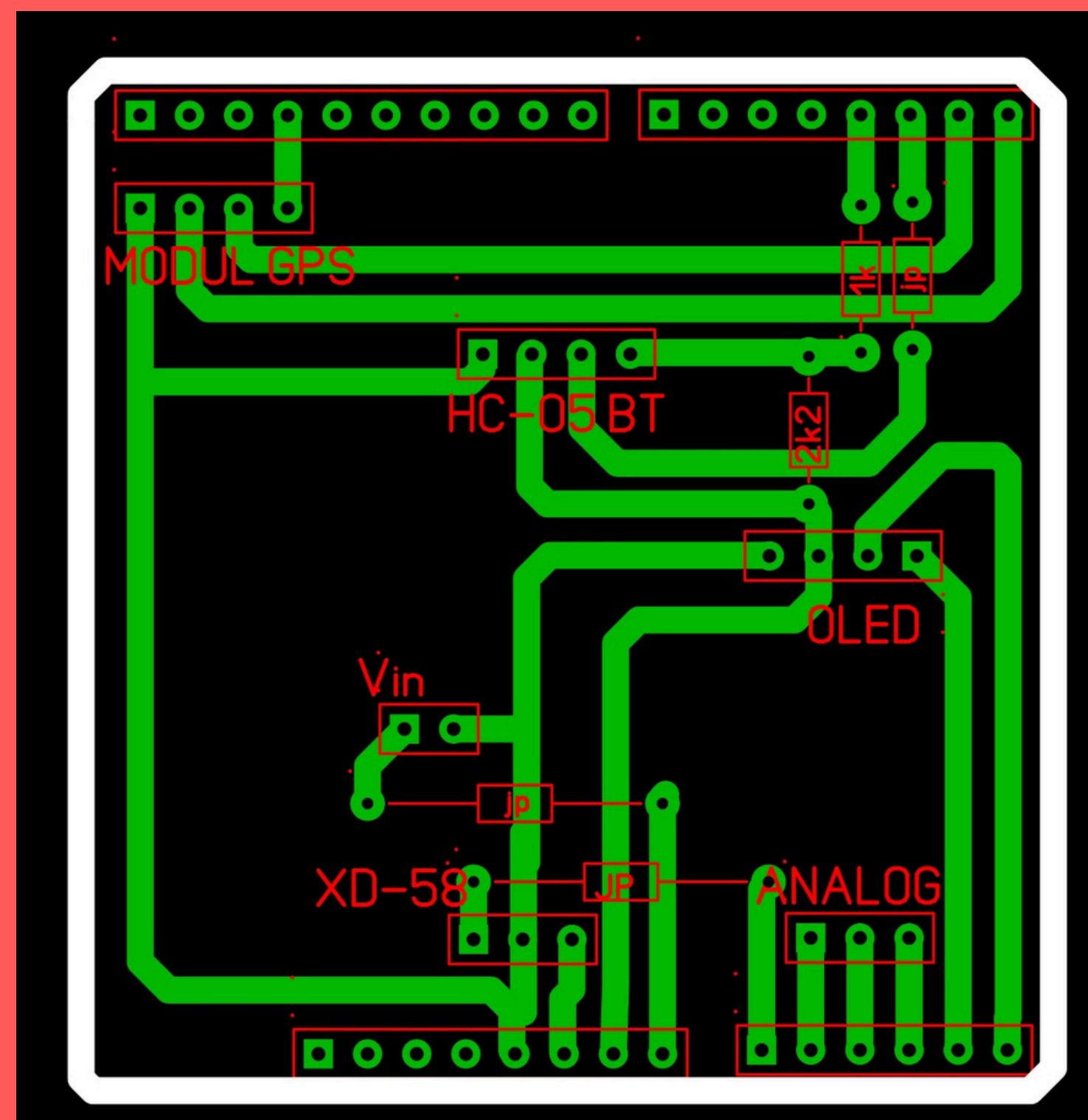
- Mendeksi detak jantung secara real time
- Mengetahui lokasi terkini pengguna Smart Clothes
- Memberikan peringatan pertama terhadap penderita serangan jantung



# SCHEMATIC DESIGN

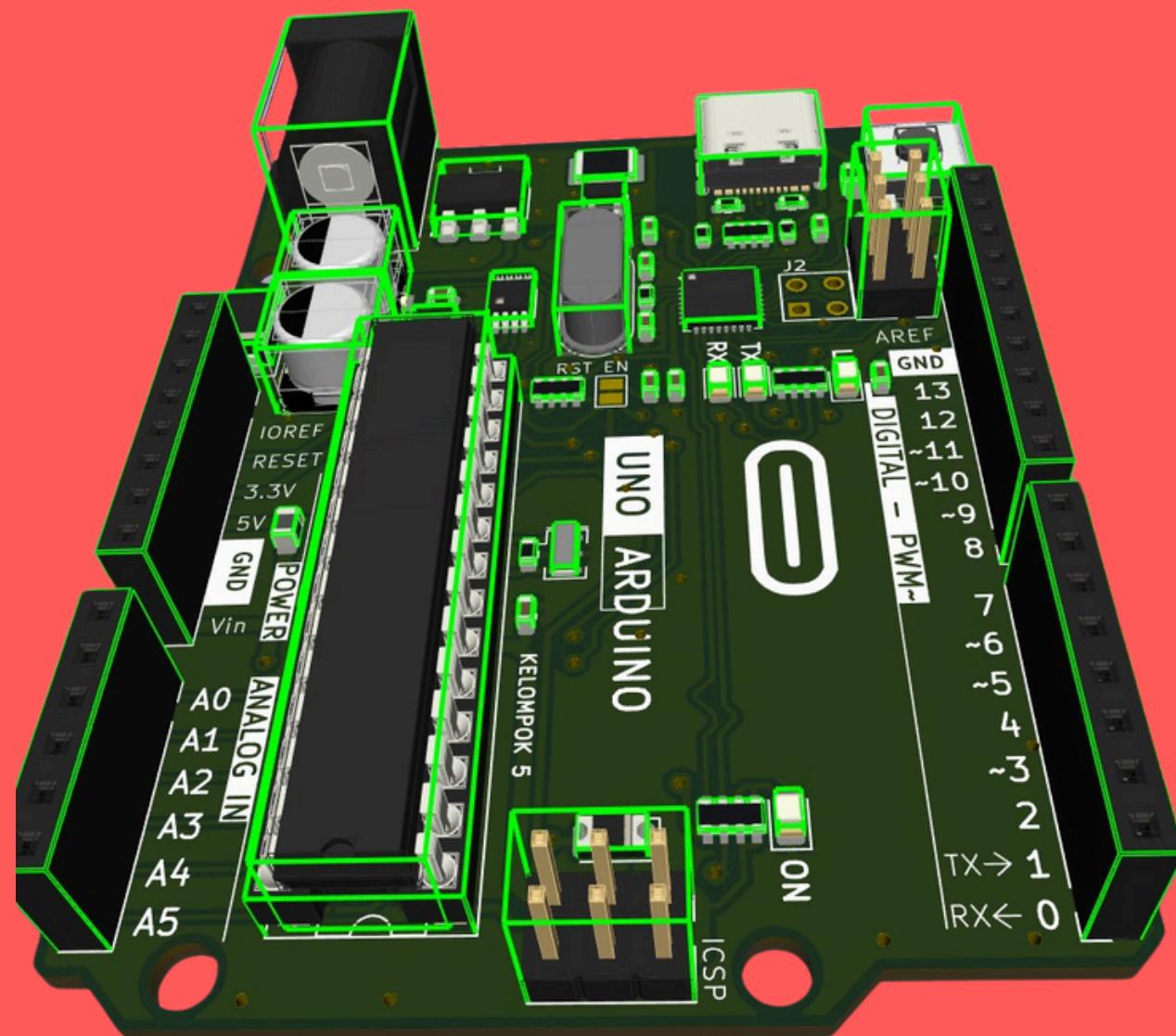


# PCB DESIGN

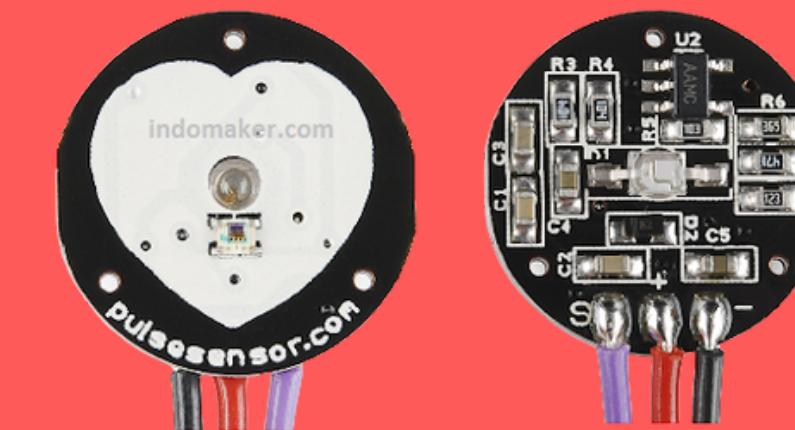


# HARDWARE

ARDUINO UNO



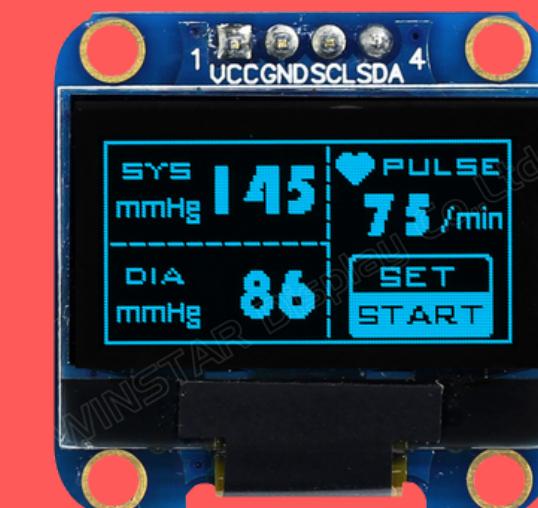
PULSE SENSOR



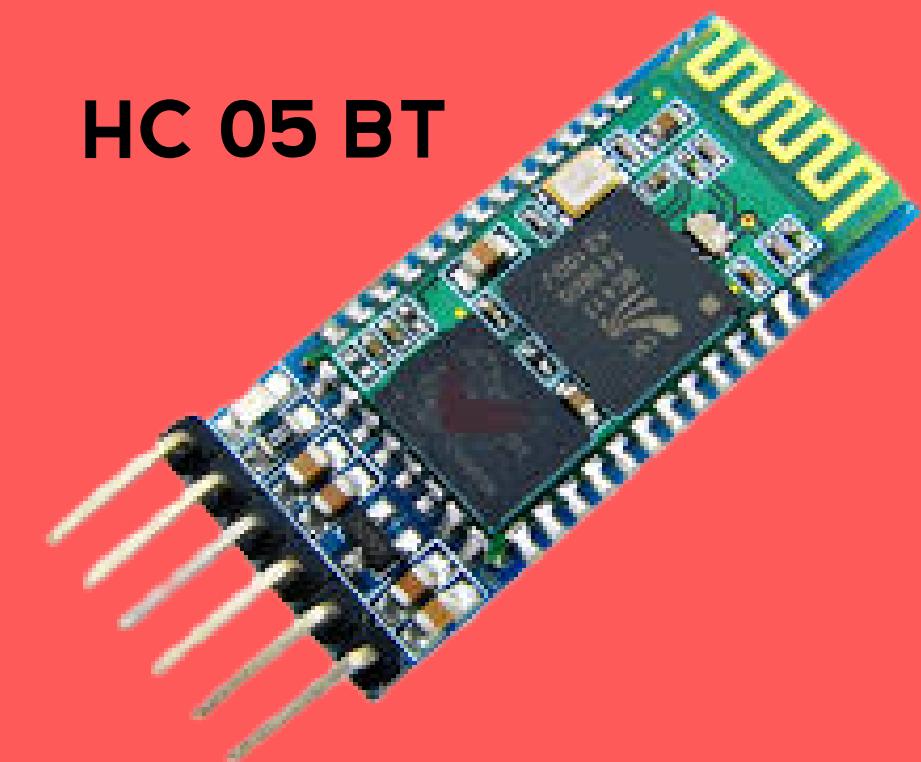
GPS MODULE



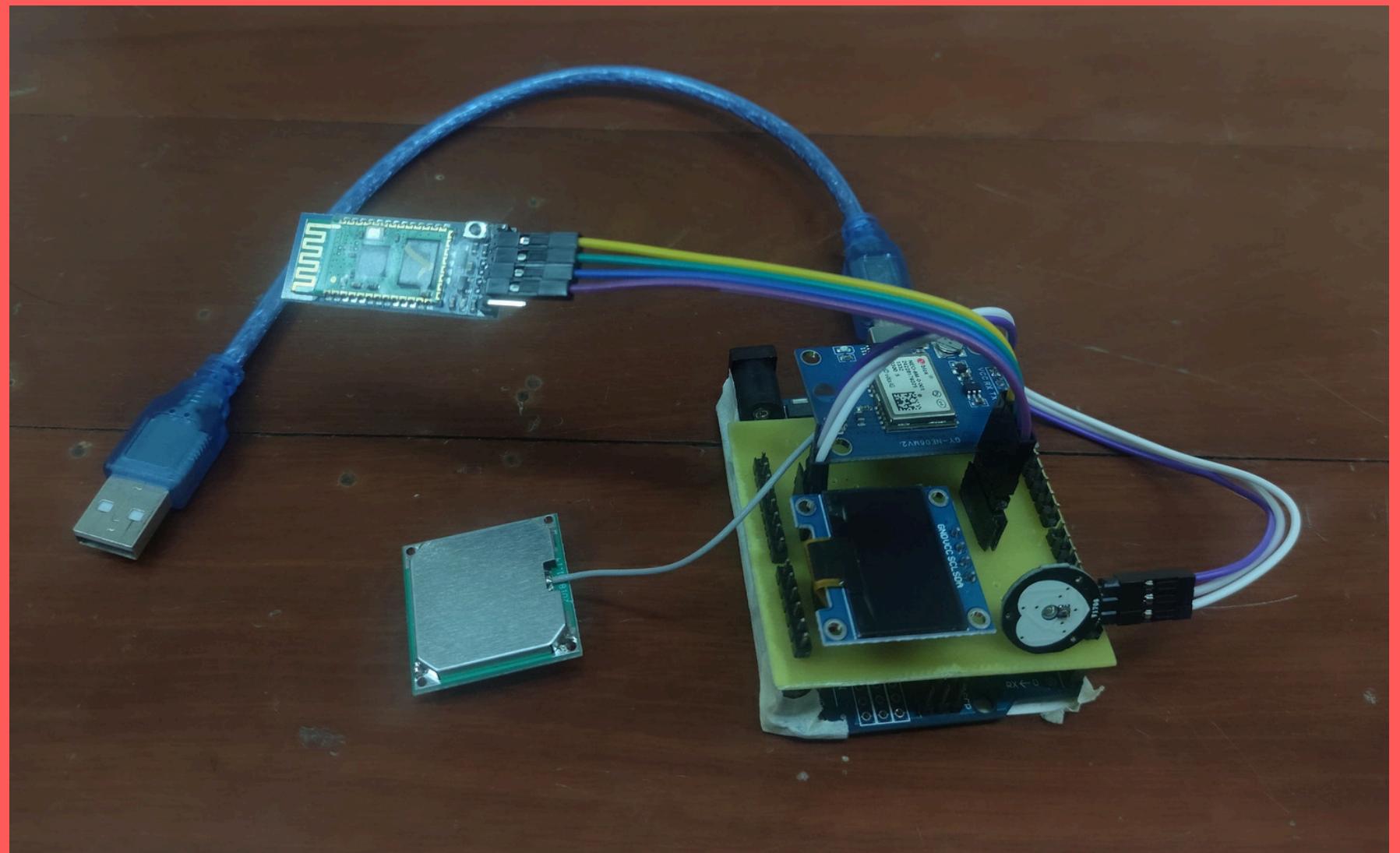
OLED DISPLAY



HC 05 BT

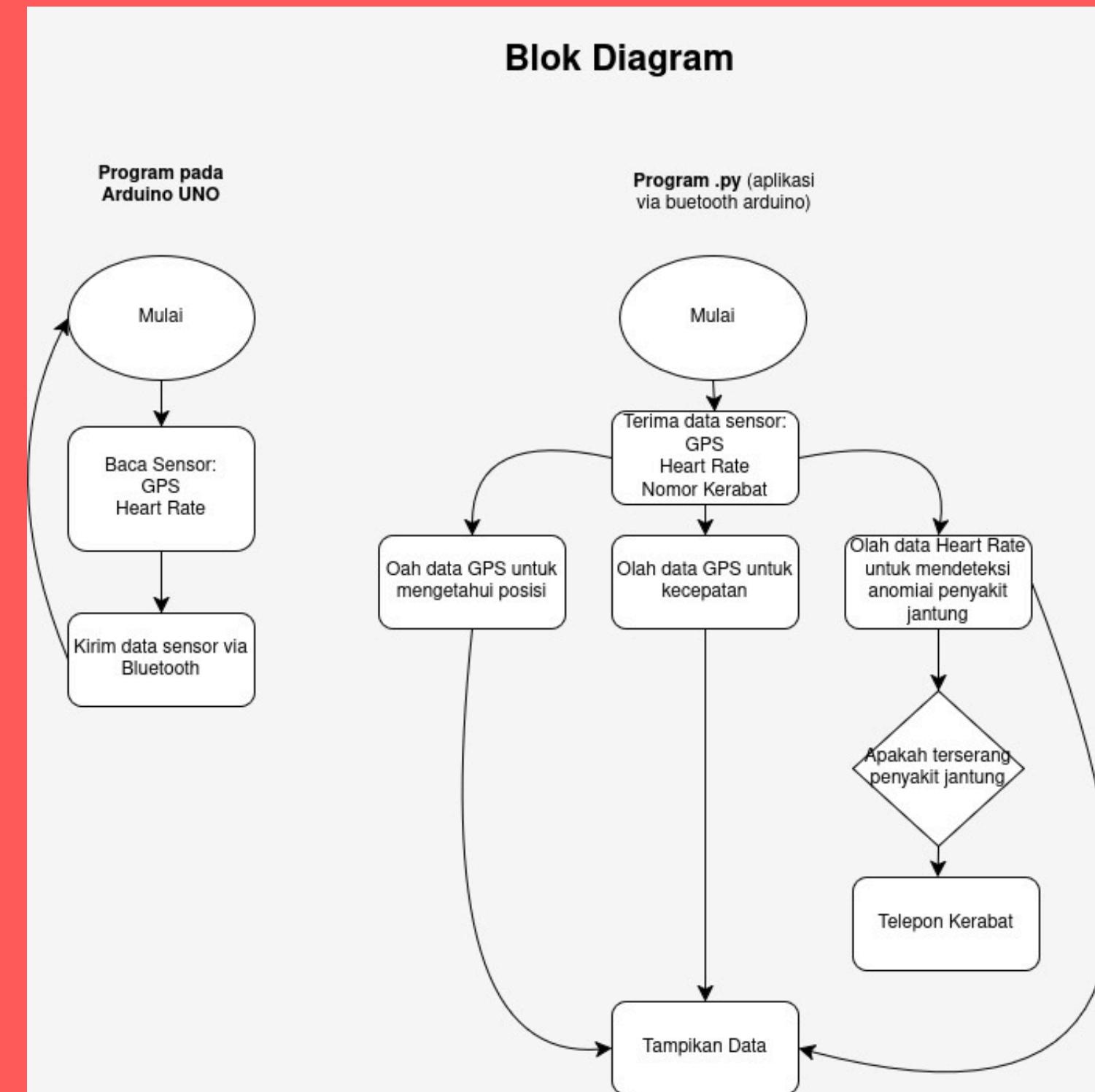


# 3D DESIGN



# BLOK DIAGRAM

**Blok Diagram**



# TAMPILAN GUI

Login page

9:41

# Smart Clothes



LOGIN

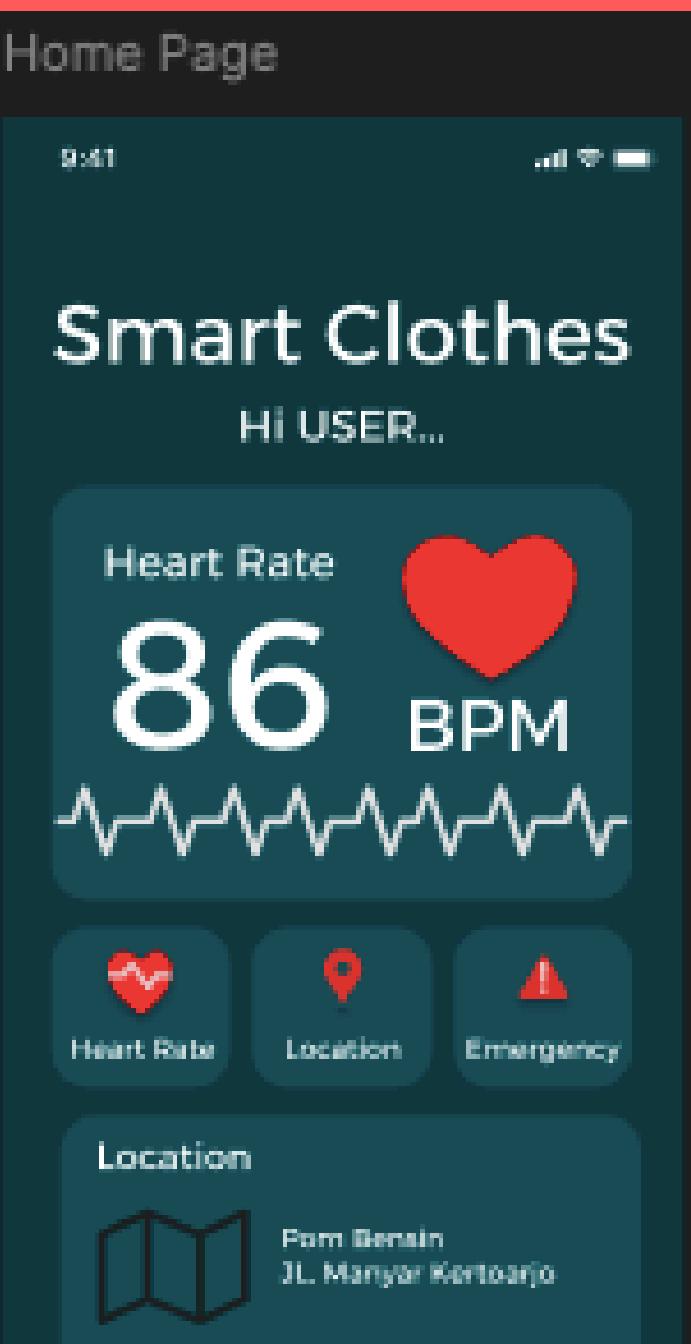
Enter your email to login

password

Continue

Don't have an account? [SIGN UP](#)

By clicking continue, you agree to our [Terms of Service](#) and [Privacy Policy](#)



9:41

# Smart Clothes

Hi USER...

Heart Rate

86 BPM



Location

Pam Benain  
JL. Manyar Kertoarjo

9:41

# Heart Rate History Page

< Heart Rate History

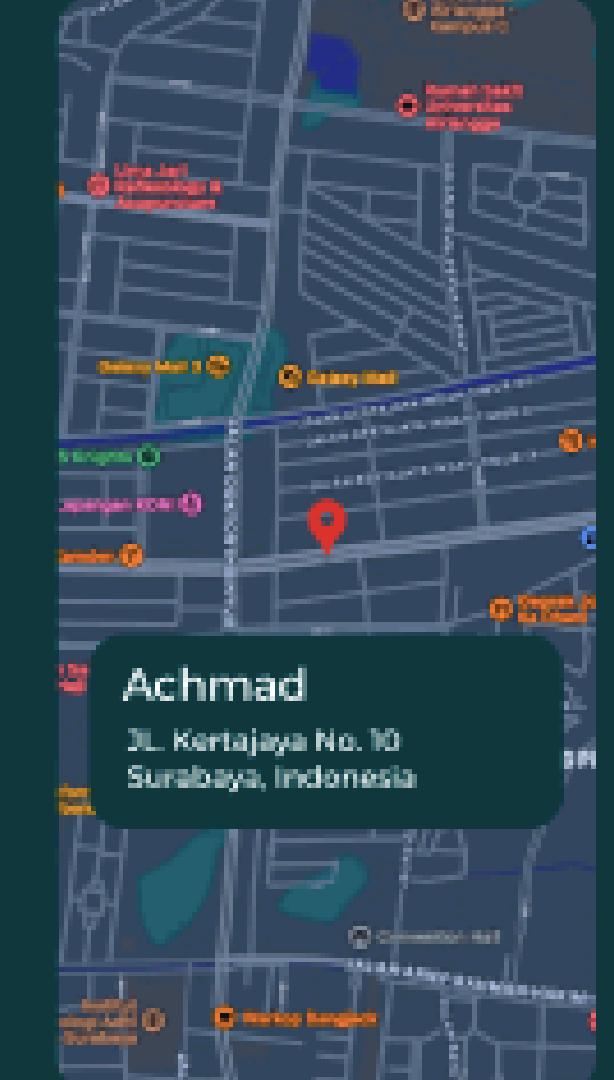
Last 7 Day

| Date   | Avg BPM |
|--------|---------|
| 16 May | 82      |
| 15 May | 90      |
| 14 May | 86      |
| 13 May | 79      |
| 12 May | 85      |
| 11 May | 94      |

9:41

# Location Page

< Location



Achmad  
JL. Kartajaya No. 10  
Surabaya, Indonesia

# FIGMA DESIGN

