

# DAFTAR ISI

JUDUL

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LEMBAR PERSETUJUAN.....

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LEMBAR PENGESAHAN PENGUJI.....

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ABSTRAK.....

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*ABSTRACT*.....

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KATA PENGANTAR.....

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DAFTAR ISI. 1

DAFTAR GAMBAR.....

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DAFTAR TABEL.....

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**BAB 1 PENDAHULUAN**.....

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1.1 Latar Belakang

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1.2	Batasan	Masalah
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1.3	Rumusan	Masalah
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1.4	Tujuan	Penelitian
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1.4.1	Tujuan	Umum
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1.4.2	Tujuan	Khusus
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1.5	Manfaat	Penelitian
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1.5.1	Manfaat	Teoritis
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1.5.2	Manfaat	Praktis
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## **BAB 2 TINJAUAN PUSTAKA.....**

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2.1	Studi Literatur	
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2.2	Saturasi	Oksigen
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2.3	Pulse	Oximetry
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- 2.4 MAX30100  
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- 2.5 Modul STM32F7  
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- 2.6 Program VB.net  
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## **BAB 3 METODOLOGI**

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- 3.1 Perancangan Penelitian  
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- 3.2 Diagram Blok Sistem  
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- 3.3 Diagram Alir Program Pada Mikrokontroler  
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- 3.4 Diagram Alir Program Personal Computer  
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- 3.5 Diagram Mekanis  
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- 3.6 Alat Dan Bahan  
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  - 3.6.1 Alat  
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  - 3.6.2 Bahan  
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3.7	Variabel	Penelitian
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3.7.1	Variabel	Bebas
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3.7.2	Variabel	Terikat
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3.7.3	Variabel	Terkendali
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3.8	Definisi Operasional	Variabel
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3.8.1	Definisi	Operasional
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3.9	Teknik Analisis	Data
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3.9.1		Rata-Rata
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3.9.2	Error	(%)
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3.9.3	Standar	Devisiasi
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3.10	Urutan	Kegiatan
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3.11	Tempat dan Jadwal	Penelitian
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3.11.1.	Tempat	Penelitian
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3.11.2. Jadwal Penelitian  
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- 4.1 Hasil Pengukuran Responden Dewasa  
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- 4.2 Grafik Error Responden  
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- 4.3 Hasil Analisis Data  
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- 4.4 Hasil Perancangan  
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- 5.1 Rangkaian  
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- 5.2 Listing program pada Arduino  
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- 5.3 Program Pada Personal Computer  
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- 5.4 Hasil Pengujian  
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- 5.5 Kelemahan Alat  
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- 5.6 Perbandingan Hasil Penelitian Sejenis  
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- 5.7 Dampak Positif  
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- 5.8 Kinerja Sistem Keseluruhan  
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- 6.1 Kesimpulan  
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- 6.2 Saran  
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