

# Daftar Isi

<b>PERNYATAAN ORISINILITAS PENELITIAN</b>	Error! Bookmark not defined.
<b>HALAMAN PERSETUJUAN</b> .....	Error! Bookmark not defined.
<b>PENGESAHAN</b> .....	Error! Bookmark not defined.
<b>HALAMAN PERSEMBAHAN</b> .....	Error! Bookmark not defined.
<b>MOTTO</b> .....	<b>vi</b>
<b>ABSTRAK</b> .....	Error! Bookmark not defined.
<b>ABSTRACT</b> .....	Error! Bookmark not defined.
<b>KATA PENGANTAR</b> .....	Error! Bookmark not defined.
<b>BAB I</b> <u>Pendahuluan</u> .....	Error! Bookmark not defined.
<b>1.1 Latar Belakang</b> .....	Error! Bookmark not defined.
<b>1.2 Ruang Lingkup Penelitian</b> .....	Error! Bookmark not defined.
<b>1.3 Rumusan Masalah</b> .....	Error! Bookmark not defined.
<b>1.4 Tujuan Penelitian</b> .....	Error! Bookmark not defined.
<b>1.5 Manfaat Penelitian</b> .....	Error! Bookmark not defined.
<b>1.6 Sistematika Penulisan</b> .....	Error! Bookmark not defined.
<b>BAB II</b> <u>TINJAUAN PUSTAKA</u> .....	Error! Bookmark not defined.
<b>2.1 Studi Literatur</b> .....	Error! Bookmark not defined.
<b>2.2 Dasar Teori</b> .....	Error! Bookmark not defined.
<b>2.2.1 Definisi Manfaat/ Jenis Pintu Rumah</b> .....	Error! Bookmark not defined.
<b>2.2.2 Keamanan Pintu Rumah</b> .....	Error! Bookmark not defined.
<b>2.3 Perangkat Keras Yang Digunakan</b> .....	Error! Bookmark not defined.
<b>2.3.1 Wemos D1 R1</b> .....	Error! Bookmark not defined.

<b>2.3.2 Smart Door Lock</b> .....	Error! Bookmark not defined.
<b>2.3.3 Mikrokontroller</b> .....	Error! Bookmark not defined.
<b>2.3.4 Kunci Selenoid</b> .....	Error! Bookmark not defined.
<b>2.3.5 LCD (Liquid Crystal Display)</b> .....	Error! Bookmark not defined.
<b>2.3.6 IOT (Internet Of Things)</b> .....	Error! Bookmark not defined.
<b>2.3.7 MIT App Inventor</b> .....	Error! Bookmark not defined.
<b>2.3.8 Arduino IDE</b> .....	Error! Bookmark not defined.
<b>2.3.9 Power Supplay</b> .....	Error! Bookmark not defined.
<b>BAB III METODOLOGI PENELITIAN</b> .....	Error! Bookmark not defined.
<b>3.1 Tahap Penelitian</b> .....	Error! Bookmark not defined.
<b>3.2 Penjelasan Alur Penelitian</b> .....	Error! Bookmark not defined.
<b>3.3 Alat Dan Bahan</b> .....	Error! Bookmark not defined.
<b>3.1.3 Software</b> .....	Error! Bookmark not defined.
<b>3.4 Analisa Perancangan Sistem</b> .....	Error! Bookmark not defined.
<b>3.5 Perancangan Perangkat Keras (Hardware)</b> ....	Error! Bookmark not defined.
<b>3.5.1 Rangkaian Sensor Fingerprint</b> .....	Error! Bookmark not defined.
<b>3.5.2 Rangkaian Relay</b> .....	Error! Bookmark not defined.
<b>3.5.3 Rangkaian Solenoid Door Lock</b> .....	Error! Bookmark not defined.
<b>3.5.4 Rangkaian LCD 16X2</b> .....	Error! Bookmark not defined.
<b>3.5.5 Rangkaian Keseluruhan</b> .....	Error! Bookmark not defined.
<b>3.6 Perancangan Perangkat Lunak (Software)</b> .....	Error! Bookmark not defined.
<b>3.8 Implementasi</b> .....	Error! Bookmark not defined.
<b>3.8.1 Implementasi Perangkat Keras</b> .....	Error! Bookmark not defined.
<b>3.8.2 Implementasi Perangkat Lunak</b> .....	Error! Bookmark not defined.
<b>3.8.4 Pengujian Sistem</b> .....	Error! Bookmark not defined.

<b>3.8.5 Pengujian Rangkaian Fingerprint.....</b>	<b>Error! Bookmark not defined.</b>
<b>3.8.6 Pengujian Relay.....</b>	<b>Error! Bookmark not defined.</b>
<b>3.8.7 Rancangan Pengujian Solenoid Door Lock ..</b>	<b>Error! Bookmark not defined.</b>
<b>3.8.8 Pengujian LCD 16X2 .....</b>	<b>Error! Bookmark not defined.</b>
<b>3.8.9 Pengujian Aplikasi .....</b>	<b>Error! Bookmark not defined.</b>
<b>3.8.10 Rancangan Sistem Keseluruhan .....</b>	<b>Error! Bookmark not defined.</b>
<b>3.9 Analisis Kerja .....</b>	<b>Error! Bookmark not defined.</b>
<b>BAB IV HASIL DAN PEMBAHASAN .....</b>	<b>Error! Bookmark not defined.</b>
<b>4.1 Hasil.....</b>	<b>Error! Bookmark not defined.</b>
<b>4.1.1 Hasil Pembahasan .....</b>	<b>Error! Bookmark not defined.</b>
<b>4.1.2 Hasil Uji Coba Fingerprint .....</b>	<b>Error! Bookmark not defined.</b>
<b>4.1.3 Pengujian LCD 16x2 .....</b>	<b>Error! Bookmark not defined.</b>
<b>4.1.4 Pengujian Solenoid Doorlock.....</b>	<b>Error! Bookmark not defined.</b>
<b>4.1.5 Pengujian Relay.....</b>	<b>Error! Bookmark not defined.</b>
<b>4.1.6 Hasil Pengujian Tampilan Aplikasi .....</b>	<b>Error! Bookmark not defined.</b>
<b>4.2 Pengujian Sistem Secara Keseluruhan .....</b>	<b>Error! Bookmark not defined.</b>
<b>4.2.1 Analisis Kinerja.....</b>	<b>Error! Bookmark not defined.</b>
<b>BAB V KESIMPULAN DAN SARAN .....</b>	<b>Error! Bookmark not defined.</b>
<b>5.1 Kesimpulan .....</b>	<b>Error! Bookmark not defined.</b>
<b>5.2 Saran .....</b>	<b>Error! Bookmark not defined.</b>
<b>DAFTAR PUSTAKA .....</b>	<b>Error! Bookmark not defined.</b>