

## DAFTAR ISI

Hlm

LEMBAR PERSETUJUAN.....	<b>Error! Bookmark not defined.</b>
LEMBAR PERNYATAAN KARYA SENDIRI...	<b>Error! Bookmark not defined.</b>
ABSTRAK .....	<b>Error! Bookmark not defined.</b>
ABSTRACT .....	<b>Error! Bookmark not defined.</b>
KATA PENGANTAR .....	<b>Error! Bookmark not defined.</b>
DAFTAR ISI.....	1
DAFTAR GAMBAR .....	<b>Error! Bookmark not defined.</b>
DAFTAR TABEL.....	<b>Error! Bookmark not defined.</b>
BAB I.....	<b>Error! Bookmark not defined.</b>
PENDAHULUAN .....	<b>Error! Bookmark not defined.</b>
1.1 Latar Belakang.....	<b>Error! Bookmark not defined.</b>
1.2 Perumusan Masalah .....	<b>Error! Bookmark not defined.</b>
1.3 Tujuan Penelitian.....	<b>Error! Bookmark not defined.</b>
1.4 Batasan Masalah.....	<b>Error! Bookmark not defined.</b>
1.5 Manfaat Penelitian.....	<b>Error! Bookmark not defined.</b>
1.6 Kerangka Pemikiran.....	<b>Error! Bookmark not defined.</b>
1.7 Metodologi Pengerjaan Tugas Akhir .....	<b>Error! Bookmark not defined.</b>
1.8 Sistematika Penulisan .....	<b>Error! Bookmark not defined.</b>
BAB II.....	<b>Error! Bookmark not defined.</b>
STUDI PUSTAKA .....	<b>Error! Bookmark not defined.</b>
2.1 State of The Art .....	<b>Error! Bookmark not defined.</b>

2.2	Observasi .....	<b>Error! Bookmark not defined.</b>
2.3	Sistem.....	<b>Error! Bookmark not defined.</b>
2.4	Embedded System .....	<b>Error! Bookmark not defined.</b>
2.5	Internet of Things (IOT).....	<b>Error! Bookmark not defined.</b>
2.6	Arduino IDE.....	<b>Error! Bookmark not defined.</b>
2.7	Wemos D1 R2.....	<b>Error! Bookmark not defined.</b>
2.8	Sensor.....	<b>Error! Bookmark not defined.</b>
2.9	Sensor <i>PIR</i> .....	<b>Error! Bookmark not defined.</b>
2.10	Sensor Magnetic ( <i>Reed Switch</i> ).....	<b>Error! Bookmark not defined.</b>
2.11	Buzzer .....	<b>Error! Bookmark not defined.</b>
2.12	Telegram.....	<b>Error! Bookmark not defined.</b>
2.13	Metode Pengembangan <i>Prototype</i> .....	<b>Error! Bookmark not defined.</b>
BAB III .....		<b>Error! Bookmark not defined.</b>
ANALISIS DAN PERANCANGAN.....		<b>Error! Bookmark not defined.</b>
3.1	Analisis Sistem .....	<b>Error! Bookmark not defined.</b>
3.1.1	Analisis Kebutuhan Fungsional .....	<b>Error! Bookmark not defined.</b>
3.1.2	Analisis Kebutuhan <i>Software</i> dan <i>Hardware</i> . .....	<b>Error! Bookmark not defined.</b>
3.2	Arsitektur Sistem.....	<b>Error! Bookmark not defined.</b>
3.2.1	Proses Bisnis .....	<b>Error! Bookmark not defined.</b>
3.2.2	Diagram <i>State Machine</i> .....	<b>Error! Bookmark not defined.</b>
3.2.3	Flowchart Algoritma .....	<b>Error! Bookmark not defined.</b>
3.3	Perancangan Sistem .....	<b>Error! Bookmark not defined.</b>
3.3.1	Use Case Diagram.....	<b>Error! Bookmark not defined.</b>
3.3.2	Definisi Use Case.....	<b>Error! Bookmark not defined.</b>

3.3.3	Skenario <i>Use Case</i> .....	<b>Error! Bookmark not defined.</b>
BAB IV .....		<b>Error! Bookmark not defined.</b>
IMPLEMENTASI DAN PENGUJIAN .....		<b>Error! Bookmark not defined.</b>
4.1	Implementasi.....	<b>Error! Bookmark not defined.</b>
4.1.1	Lingkungan Implementasi.....	<b>Error! Bookmark not defined.</b>
4.1.2	Implementasi <i>Prototype</i> .....	<b>Error! Bookmark not defined.</b>
4.1.3	Implementasi Proses.....	<b>Error! Bookmark not defined.</b>
4.2	Pengujian Prototype .....	<b>Error! Bookmark not defined.</b>
4.2.1	Hasil Pengujian Sensor PIR .....	<b>Error! Bookmark not defined.</b>
4.2.2	Hasil Pengujian Sensor Magnetik (Reed Switch) .....	<b>Error! Bookmark not defined.</b>
4.2.3	Hasil Pengujian Modul WiFi ESP8266 .....	<b>Error! Bookmark not defined.</b>
4.2.4	Hasil Pengujian Buzzer.....	<b>Error! Bookmark not defined.</b>
4.2.5	Pembahasan Hasil Pengujian .....	<b>Error! Bookmark not defined.</b>
BAB V.....		<b>Error! Bookmark not defined.</b>
KESIMPULAN DAN SARAN.....		<b>Error! Bookmark not defined.</b>
5.1	Kesimpulan .....	<b>Error! Bookmark not defined.</b>
5.2	Saran.....	<b>Error! Bookmark not defined.</b>
DAFTAR PUSTAKA .....		<b>Error! Bookmark not defined.</b>
LAMPIRAN.....		<b>Error! Bookmark not defined.</b>



uin

UNIVERSITAS ISLAM NEGERI  
SUNAN GUNUNG DJATI  
BANDUNG