

## Daftar Isi

Lembar Pernyataan .....	<b>Error! Bookmark not defined.</b>
Lembar Pengesahan .....	<b>Error! Bookmark not defined.</b>
Abstrak .....	<b>Error! Bookmark not defined.</b>
<i>Abstract</i> .....	<b>Error! Bookmark not defined.</b>
Lembar Persembahan .....	<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>
1. 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 .....	<b>Error! Bookmark not defined.</b>
1.4 Batasan Masalah .....	<b>Error! Bookmark not defined.</b>
1.5 Metodologi Penyelesaian Masalah .....	<b>Error! Bookmark not defined.</b>
1.6 Sistematika Penulisan .....	<b>Error! Bookmark not defined.</b>
2. Dasar Teori .....	<b>Error! Bookmark not defined.</b>
2.1 Bayam .....	<b>Error! Bookmark not defined.</b>
2.2 Wireless Sensor Network (WSN) .....	<b>Error! Bookmark not defined.</b>
2.3 Logika Fuzzy .....	<b>Error! Bookmark not defined.</b>
2.3.1 Fungsi Keanggotaan .....	<b>Error! Bookmark not defined.</b>
2.3.2 Fuzzifikasi .....	<b>Error! Bookmark not defined.</b>
2.3.3 Operasi Logika Fuzzy .....	<b>Error! Bookmark not defined.</b>

2.3.4	Implikasi .....	<b>Error! Bookmark not defined.</b>
2.3.5	Agregasi atau Komposisi .....	<b>Error! Bookmark not defined.</b>
2.3.6	Defuzzifikasi .....	<b>Error! Bookmark not defined.</b>
2.4	Waterflow Sensor.....	<b>Error! Bookmark not defined.</b>
2.5	Pompa Air .....	<b>Error! Bookmark not defined.</b>
2.6	Relay .....	<b>Error! Bookmark not defined.</b>
2.7	Ambient Light Sensor .....	<b>Error! Bookmark not defined.</b>
2.8	Soil And Moisture Sensor .....	<b>Error! Bookmark not defined.</b>
2.9	Arduino Uno .....	<b>Error! Bookmark not defined.</b>
2.10	Xbee Series 2 .....	<b>Error! Bookmark not defined.</b>
2.11	Sensor HC-SR0-4.....	<b>Error! Bookmark not defined.</b>
2.12	OpenMTC .....	<b>Error! Bookmark not defined.</b>
3.	Analisis Perancangan dan Implementasi .....	<b>Error! Bookmark not defined.</b>
3.1	Gambaran umum sistem .....	<b>Error! Bookmark not defined.</b>
3.2	Perancangan Sistem .....	<b>Error! Bookmark not defined.</b>
3.2.1	Perancangan Aktuator .....	<b>Error! Bookmark not defined.</b>
3.2.2	Kalibrasi dan Akuisisi Data Tanaman.....	<b>Error! Bookmark not defined.</b>
3.2.3	Pengumpulan Data .....	<b>Error! Bookmark not defined.</b>
3.2.4	Metode Logika Fuzzy Sugeno .....	<b>Error! Bookmark not defined.</b>
3.3	Implementasi.....	<b>Error! Bookmark not defined.</b>
3.3.1	Rancangan Waterflow dan Aktuator.....	<b>Error! Bookmark not defined.</b>
3.3.2	Flowchart Kendali Aktuator .....	<b>Error! Bookmark not defined.</b>
3.3.3	Flowchart Transmisi Data Sistem....	<b>Error! Bookmark not defined.</b>
3.4	Skenario Pengujian .....	<b>Error! Bookmark not defined.</b>

3.4.1	Skenario 1 Menguji Klasifikasi Aturan Fuzzy dan Kerja Aktuator	<b>Error! Bookmark not defined.</b>
3.4.2	Skenario 2 Menguji Keberhasilan Kerja Sistem	<b>Error! Bookmark not defined.</b>
4.	Pengujian dan Analisis	<b>Error! Bookmark not defined.</b>
4.1	Analisis Hasil Pengujian	<b>Error! Bookmark not defined.</b>
4.1.1	Hasil Pengujian 1	<b>Error! Bookmark not defined.</b>
4.1.2	Hasil Pengujian 2	<b>Error! Bookmark not defined.</b>
5.	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 A	<b>Error! Bookmark not defined.</b>
	Lampiran B	<b>Error! Bookmark not defined.</b>
	Lampiran C	<b>Error! Bookmark not defined.</b>