

Daftar Isi

Bab 1. Pendahuluan	Error! Bookmark not defined.
1.1 Latar Belakang Masalah	Error! Bookmark not defined.
1.2 Perumusan Masalah.....	Error! Bookmark not defined.
1.3 Batasan Masalah :	Error! Bookmark not defined.
1.4 Tujuan	Error! Bookmark not defined.
1.5 Metodologi Penelitian	Error! Bookmark not defined.
1.6 Sistematika Penulisan	Error! Bookmark not defined.
BAB 2. TINJAUAN PUSTAKA	Error! Bookmark not defined.
2.1 Tinjauan Literatur	Error! Bookmark not defined.
2.1.1 <i>Hydroponic lettuce</i>	Error! Bookmark not defined.
2.1.2 Prototipe Bangun untuk Pengaturan Suhu Secara Otomatis pada Sistem Aeroponik.....	Error! Bookmark not defined.
2.2 Hidroponik.....	Error! Bookmark not defined.
2.2.1 Hidroponik <i>Substrat</i>	Error! Bookmark not defined.
2.2.2 Hidroponik <i>NFT</i>	Error! Bookmark not defined.
2.3 Internet of Thing	Error! Bookmark not defined.
2.3.1 Ubidots	Error! Bookmark not defined.
2.4 Arduino UNO.....	Error! Bookmark not defined.
2.5 Raspberry pi 2 model B+.....	Error! Bookmark not defined.
2.6 Sensor	Error! Bookmark not defined.
2.6.1 Sensor cahaya BH1750.....	Error! Bookmark not defined.
2.6.2 Sensor Suhu Air DS18B20	Error! Bookmark not defined.
2.6.3 Sensor pH Meter SEN0161	Error! Bookmark not defined.
2.6.4 Sensor Liquid Flow Meter	Error! Bookmark not defined.
BAB 3. PERANCANGAN SISTEM	Error! Bookmark not defined.
3.1 Kalibrasi Sensor	Error! Bookmark not defined.
3.1.1 Kalibrasi sensor BH1750	Error! Bookmark not defined.
3.1.2 Kalibrasi Sensor PH SEN0161	Error! Bookmark not defined.
3.2 Gambaran Umum Sistem	Error! Bookmark not defined.
3.3 Arsitektur Sistem.....	Error! Bookmark not defined.
3.4 Flowchart Sistem.....	Error! Bookmark not defined.
3.5 Spesifikasi Perangkat yang Digunakan.....	Error! Bookmark not defined.
3.5.1 Perangkat Keras.....	Error! Bookmark not defined.
3.5.2 Perangkat Lunak.....	Error! Bookmark not defined.
3.5.3 Komputer pembangun Sistem.....	Error! Bookmark not defined.

3.6 Skenario Pengujian	Error! Bookmark not defined.
3.6.1 Skenario 1 fungsionalitas aktuator	Error! Bookmark not defined.
3.6.2 Skenario 2 <i>monitoring</i> unsur tumbuh tanaman.....	Error! Bookmark not defined.
BAB 4. PENGUJIAN DAN HASIL	Error! Bookmark not defined.
4.1 Fungsionalitas Aktuator	Error! Bookmark not defined.
4.1.1 <i>Growth light LED</i>	Error! Bookmark not defined.
4.1.2 <i>Peltier Thermoelectric</i>	Error! Bookmark not defined.
4.1.3 <i>Solenoid Valve</i>	Error! Bookmark not defined.
4.1.4 <i>Buzzer</i>	Error! Bookmark not defined.
4.2 Monitoring Unsur Tumbuh Tanaman	Error! Bookmark not defined.
BAB 5. KESIMPULAN DAN SARAN	Error! Bookmark not defined.
5.1 Kesimpulan	Error! Bookmark not defined.
5.2 Saran	Error! Bookmark not defined.
DAFTAR PUSTAKA.....	Error! Bookmark not defined.
Lampiran A : Data Hasil Monitoring Suhu Air.....	Error! Bookmark not defined.
Lampiran B : Data Hasil Monitoring Intensitas Cahaya	Error! Bookmark not defined.
Lampiran C : Data Hasil Monitoring pH	Error! Bookmark not defined.
Lampiran D : Data Hasil Monitoring Aliran Air pada Pompa.....	Error! Bookmark not defined.
Lampiran E : Dokumentasi.....	Error! Bookmark not defined.
Lampiran F : <i>Screenshot</i> Web.....	Error! Bookmark not defined.