

DAFTAR ISI

HALAMAN JUDUL	Error! Bookmark not defined.
HALAMAN PERNYATAAN ORISINALITAS ..	Error! Bookmark not defined.
HALAMAN PERNYATAAN PERSETUJUAN MENYERAHKAN HAK MILIK ATAS TUGAS AKHIR UNTUK KEPENTINGAN AKADEMIS	Error! Bookmark not defined.
HALAMAN PENGESAHAN	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
ABSTRAK.....	Error! Bookmark not defined.
ABSTRACT	Error! Bookmark not defined.
DAFTAR ISI.....	i
DAFTAR GAMBAR.....	Error! Bookmark not defined.
DAFTAR TABEL	Error! Bookmark not defined.
BAB I PENDAHULUAN	I-Error! Bookmark not defined.
1.1 Latar Belakang.....	I-Error! Bookmark not defined.
1.2 Rerumusan Masalah.....	I-Error! Bookmark not defined.
1.3 Tujuan Penelitian.....	I-Error! Bookmark not defined.
1.4 Manfaat Penelitian.....	I-Error! Bookmark not defined.
1.5 Batasan Masalah.....	I-Error! Bookmark not defined.
1.6 Sistematika Pelaporan.....	I-Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA	II-Error! Bookmark not defined.
2.1 Penerangan Jalan Umum (PJU).....	II-Error! Bookmark not defined.
2.2 <i>Internet of Things (IoT)</i>	II-Error! Bookmark not defined.
2.2.1 Pengertian <i>Internet of Things (IoT)</i>	II-Error! Bookmark not defined.
2.2.2 Prinsip Kerja Internet of Things (IoT).....	II-Error! Bookmark not defined.
2.3 <i>Sistem Automasi</i>	II-Error! Bookmark not defined.
2.4 Node MCU	II-Error! Bookmark not defined.
2.5 IDE.....	II-Error! Bookmark not defined.
2.6 Arduino UNO	II-Error! Bookmark not defined.
2.7 Modul Relay	II-Error! Bookmark not defined.
2.8 Power Supply (Adaptor)	II-Error! Bookmark not defined.
2.9 <i>Power Line Carrier (PLC)</i>	II-Error! Bookmark not defined.
2.10 Komunikasi Serial.....	II-Error! Bookmark not defined.
2.11 Node-RED	II-Error! Bookmark not defined.
2.12 Protokol MQTT.....	II-Error! Bookmark not defined.
2.13 Penelitian terkait	II-Error! Bookmark not defined.
BAB III METODE PENELITIAN	III-Error! Bookmark not defined.
1.1 <i>Flowchat</i> Penelitian	III-Error! Bookmark not defined.
1.2 Tempat Penelitian	III-Error! Bookmark not defined.
1.3 Studi Literatur.....	III-Error! Bookmark not defined.
1.4 Metode Pengambilan data	III-Error! Bookmark not defined.
1.5 Pemodelan Alat	III-Error! Bookmark not defined.

1.5.1	Komponen	III-Error! Bookmark not defined.
1.5.2	Pemodelan Sistem.....	III-Error! Bookmark not defined.
1.5.3	Pemodelan Perangkat Keras.....	III-Error! Bookmark not defined.
1.5.4	Pemodelan Perangkat lunak	III-Error! Bookmark not defined.
BAB IV PENGUJIAN DAN PEMBAHASAN IV-Error! Bookmark not defined.		
4.1	Skema Rangkaian	IV-Error! Bookmark not defined.
4.1.1	Rangkaian <i>Master</i>	IV-Error! Bookmark not defined.
4.1.2	Rangkaian <i>Slave</i>	IV-Error! Bookmark not defined.
4.2	Pengujian Perangkat Perunit	IV-Error! Bookmark not defined.
4.2.1	Pengujian Perangkat pada <i>Master</i>	IV-Error! Bookmark not defined.
4.2.2	Pengujian Perangkat pada <i>Slave</i> .	IV-Error! Bookmark not defined.
4.3	Pengujian Sistem	IV-Error! Bookmark not defined.
4.3.1	Pengujian Kendali Mode Manual	IV-Error! Bookmark not defined.
4.3.2	Pengujian Pengiriman Data Beda Phase	IV-Error! Bookmark not defined.
4.3.3	Pengujian Pengiriman Data Beda KWH	IV-Error! Bookmark not defined.
4.3.4	Pengujian Mode Otomatis Lampu	IV-Error! Bookmark not defined.
4.3.5	Pengujian Perangkat Lunak.....	IV-Error! Bookmark not defined.
4.4	Implementasi Perangkat Lunak	IV-Error! Bookmark not defined.
4.5	Analisa	IV-Error! Bookmark not defined.
BAB V PENUTUP V-Error! Bookmark not defined.		
5.1	Kesimpulan.....	V-Error! Bookmark not defined.
5.2	Saran	V-Error! Bookmark not defined.
DAFTAR PUSTAKA		
LAMPIRAN		