

DAFTAR ISI

| | |
|------------------------------------|------------------------------|
| PERNYATAAN ORISINALITAS PENELITIAN | Error! Bookmark not defined. |
| PERSETUJUAN | Error! Bookmark not defined. |
| HALAMAN PENGESAHAN | Error! Bookmark not defined. |
| HALAMAN PERSEMBAHAN | Error! Bookmark not defined. |
| MOTTO | Error! Bookmark not defined. |
| ABSTRAK | Error! Bookmark not defined. |
| KATA PENGANTAR | Error! Bookmark not defined. |
| DAFTAR ISI..... | 1 |
| DAFTAR TABEL..... | Error! Bookmark not defined. |
| DAFTAR GAMBAR | Error! Bookmark not defined. |
| BAB I PENDAHULUAN..... | Error! Bookmark not defined. |
| 1.1 Latar Belakang | Error! Bookmark not defined. |
| 1.2 Ruang Lingkup Penelitian..... | Error! Bookmark not defined. |
| 1.3 Rumusan Masalah..... | Error! Bookmark not defined. |
| 1.4 Tujuan Penelitian | Error! Bookmark not defined. |
| 1.5 Manfaat Penelitian | Error! Bookmark not defined. |
| 1.6 Sistematika Penulisan | Error! Bookmark not defined. |

| | |
|---|-------------------------------------|
| BAB II..... | Error! Bookmark not defined. |
| TINJAUAN PUSTAKA | Error! Bookmark not defined. |
| 2.1 Studi Literatur | Error! Bookmark not defined. |
| 2.2 Dasar Teori..... | Error! Bookmark not defined. |
| 2.2.1 Pelican Crossing..... | Error! Bookmark not defined. |
| 2.3 Perangkat Keras Yang Digunakan | Error! Bookmark not defined. |
| 2.3.1 NodeMCU ESP8266..... | Error! Bookmark not defined. |
| 2.3.2 Sensor ultrasonic HC-SR04 | Error! Bookmark not defined. |
| 2.3.3 Sensor Infrared..... | Error! Bookmark not defined. |
| 2.3.4 Buzzer | Error! Bookmark not defined. |
| 2.3.5 LCD (Liquid Crystal Display) | Error! Bookmark not defined. |
| 2.4 perangkat lunak yang digunakan | Error! Bookmark not defined. |
| 2.4.1 Perangkat Lunak Arduino IDE | Error! Bookmark not defined. |
| METODOLOGI PENELITIAN..... | Error! Bookmark not defined. |
| 3.1 Studi Literatur | Error! Bookmark not defined. |
| 3.2 Alat..... | Error! Bookmark not defined. |
| 3.3 Bahan..... | Error! Bookmark not defined. |
| 3.4 Software | Error! Bookmark not defined. |
| 3.5 Perancangan Sistem..... | Error! Bookmark not defined. |
| 3.6 Perancangan perangkat keras (Hardware) | Error! Bookmark not defined. |

| | |
|--|-------------------------------------|
| 3.6.1 Perancangan Sensor Ultrasonik HC-SR04 | Error! Bookmark not defined. |
| 3.6.2 Perancangan Traffic light | Error! Bookmark not defined. |
| 3.6.3 Perancangan IR sensor | Error! Bookmark not defined. |
| 3.7 Flowchart Alat Bantu Penyebrangan Jalan | Error! Bookmark not defined. |
| 3. 8 Implementasi Perangkat Lunak | Error! Bookmark not defined. |
| 3.9 Perancangan Web Sistem | Error! Bookmark not defined. |
| 3.9 Rancangan Pengujian <i>Sensor Ultrasonik HC-SR04</i> | Error! Bookmark not defined. |
| 3.10 Rancangan Pengujian IR Sensor | Error! Bookmark not defined. |
| 3.11 Rancangan Pengujian pada Traffic light | Error! Bookmark not defined. |
| 3.12 Pengujian Sistem Keseluruhan | Error! Bookmark not defined. |
| 3.4 Analisis Kerja | Error! Bookmark not defined. |
| BAB IV | Error! Bookmark not defined. |
| HASIL DAN PEMBAHASAN | Error! Bookmark not defined. |
| 4.1 Hasil | Error! Bookmark not defined. |
| 4.2 Hasil Pengujian Sensor ultrasonik | Error! Bookmark not defined. |
| 4.3 Hasil pengujian Sensor Infared | Error! Bookmark not defined. |
| 4.4 Hasil pengujian Buzzer | Error! Bookmark not defined. |
| 4.5 Hasil pengujian LCD | Error! Bookmark not defined. |
| 4.7 Pengujian Sistem Secara Keseluruhan | Error! Bookmark not defined. |
| BAB V | Error! Bookmark not defined. |

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.....**Error! Bookmark not defined.**