DAFTAR ISI

LEMBAR PERNYATAAN ..... **i**
ABSTRAK ..... **iii**
ABSTRACT ..... **iv**
KATA PENGANTAR ..... **v**
DAFTAR ISI ..... **vii**
DAFTAR GAMBAR ..... **ix**
DAFTAR TABEL ..... **x**
BAB I PENDAHULUAN ..... Error! Bookmark not defined.
1.1 Latar Belakang ..... **Error! Bookmark not defined.**
1.2 Maksud dan Tujuan ..... **Error! Bookmark not defined.**
1.3 Batasan Masalah ..... **Error! Bookmark not defined.**
1.4 Metode Penelitian ..... **Error! Bookmark not defined.**
1.5 Sistematika Penulisan ..... **Error! Bookmark not defined.**
BAB II TEORI PENUNJANG ..... Error! Bookmark not defined.
2.1 Teori dasar Iklim ..... **Error! Bookmark not defined.**
2.2 Teori dasar *Embedded system* ..... **Error! Bookmark not defined.**
2.3 Perangkat keras ..... **Error! Bookmark not defined.**
2.3.1 Sensor ..... **Error! Bookmark not defined.**
2.3.2 *Push Button* ..... **Error! Bookmark not defined.**
2.3.3 Motor Listrik ..... **Error! Bookmark not defined.**
2.3.4 Mikrokontroler arduino uno ..... **Error! Bookmark not defined.**
2.4 Perangkat Lunak Arduino ..... **Error! Bookmark not defined.**
2.4.1 Struktur Arduino ..... **Error! Bookmark not defined.**
2.4.2 Otomatis software reset ..... **Error! Bookmark not defined.**

BAB III PERANCANGAN SISTEM..... Error! Bookmark not defined.

3.1 Perancangan Perangkat Keras..... **Error! Bookmark not defined.**

3.1.1 Blok Diagram Sistem..... **Error! Bookmark not defined.**

3.1.2 Rangkaian Input..... **Error! Bookmark not defined.**

3.1.3 Mikrokontroler ATmega328 (arduino)..... **Error! Bookmark not defined.**

3.1.4 Driver motor..... **Error! Bookmark not defined.**

3.2 Perancangan perangkat lunak ..... **Error! Bookmark not defined.**

3.2.1 Arduino software..... **Error! Bookmark not defined.**

3.2.2 Algoritma Alat..... **Error! Bookmark not defined.**

BAB IV PENGUJIAN DAN ANALISIS..... Error! Bookmark not defined.

4.1 Pengujian dan Analisa Perangkat Keras..... **Error! Bookmark not defined.**

4.1.1 Pengujian dan Analisa Modul alat..... **Error! Bookmark not defined.**

4.1.2 Pengujian dan analisa program Arduino..... **Error! Bookmark not defined.**

4.2 Pengujian dan Analisa Mekanik Alat..... **Error! Bookmark not defined.**

4.2.1 Pengujian driver motor ..... **Error! Bookmark not defined.**

4.2.2 Pengujian motor 1 dan 2 ..... **Error! Bookmark not defined.**

4.3 Pengujian dan Analisa Algoritma ..... **Error! Bookmark not defined.**

BAB V KESIMPULAN DAN SARAN ..... Error! Bookmark not defined.

5.1 Kesimpulan..... **Error! Bookmark not defined.**

5.2 Saran..... **Error! Bookmark not defined.**

DAFTAR PUSTAKA

LAMPIRAN