

DAFTAR GAMBAR

Gambar 2.1 Arduino ATMEGA328	5
Gambar 2.2 Pin Atmega 328P	6
Gambar 2.3 Rangkaian Driver Motor L293D	8
Gambar 2.4 Konstruksi Pin Driver Motor DC IC L293D	8
Gambar 2.5 Bluetooth HC-05	10
Gambar 2.6 Konfigurasi pin <i>bluetooth</i> HC-05	10
Gambar 2.7 Bluetooth-to-Serial-Module HC-05	11
Gambar 2.8 Blok DC Power Supply	13
Gambar 2.9 Limit Switch	13
Gambar 2.10 Motor Servo	14
Gambar 2.11 Prinsip kerja motor servo	15
Gambar 2.12 IC AMS 1117	16
Gambar 2.13 Android	17
Gambar 2.14. Arsitektur Sistem Operasi Android	18
Gambar 2.15. Tampilan antarmuka App Inventor 2 (<i>Design View</i>)	20
Gambar 2.16. Tampilan antarmuka App Inventor 2 (<i>Blocks View</i>)	21
Gambar 3.1 Blok Diagram Rangkaian	22
Gambar 3.2 Kerangka Alat	24
Gambar 3.3 Skema Rangkaian	25
Gambar 3.4 Rangkaian Modul Bluetooth dan Android	26
Gambar 3.5 Rangkain Limit Switch	27
Gambar 3.6 Rangkaian Motor Servo	28
Gambar 3.7 Sketch Lantai 1	29
Gambar 3.8 Sketch Lantai 2	29
Gambar 3.9 Sketch Buka	30
Gambar 3.10 Sketch Tutup	30
Gambar 3.11 Tampilan Memberi Nama Project Baru	31
Gambar 3.12 Tampilan Desain Project	32
Gambar 3.13. Block Code	32
Gambar 3.14 App Invertor Lift Parkir	33
Gambar 3.15 App Invertor Rolling Door	33

Gambar 3.16 File Apk Android	35
Gambar 3.17 Flowchart Mobil Datang	35
Gambar 3.18 Flowchart Mobil Keluar	36
Gambar 4.1 Prototype	38
Gambar 4.2 Jarak Bluetooth	40
Gambar 4.3 Rolling Door “TUTUP”	43
Gambar 4.4 Rolling Door “BUKA”	43
Gambar 4.5 Lift Parkir “LANTAI 2”	45
Gambar 4.6 Lift Parkir “LANTAI 1”	45
Gambar 4.7 Aplikasi Android	46

