

DAFTAR GAMBAR

| | | |
|-------------|--|----|
| Gambar 2.1 | Diagram Venn..... | 8 |
| Gambar 2.2 | Raspberry Pi 3..... | 9 |
| Gambar 2.3 | GPIO Raspberry Pi model B | 11 |
| Gambar 2.4 | Fungsi GPIO | 11 |
| Gambar 2.5 | Contoh QR-Code | 14 |
| Gambar 2.6 | Tata Letak Pixel & Fungsi <i>QR code</i> | 15 |
| Gambar 2.7 | Perbedaan penggunaan versi QR code | 15 |
| Gambar 2.8 | Desain pengkodean untuk UTF-8 | 16 |
| Gambar 2.9 | Pengkodean UTF-8 Karakter \$, ¢ dan €..... | 16 |
| Gambar 2.10 | Perbedaan Error Correction Level | 17 |
| Gambar 2.11 | Penempatan Bit Fomat String..... | 18 |
| Gambar 2.12 | Pembacaan <i>Finder Pattern</i> | 20 |
| Gambar 2.13 | Flowchart Proses Decoder QR Code..... | 21 |
| Gambar 2.14 | Hasil Binarization berbagai metoda | 22 |
| Gambar 2.15 | Proses Mencari Titik Center & <i>Finder Pattern</i> | 22 |
| Gambar 2.16 | Alignment Pattern <i>QR Code Ver 14</i> | 23 |
| Gambar 2.17 | Penempatan Bit Data QR Code | 23 |
| Gambar 2.18 | Penempatan Bit Data (versi 2)..... | 23 |
| Gambar 2.19 | Xcoffe, Webcam Pertama di Dunia | 25 |
| Gambar 2.20 | Webcam Logitech | 25 |
| Gambar 2.21 | Logo Python | 26 |
| Gambar 2.22 | Tipe Motor <i>Variable Reluctance (VR)</i> | 28 |
| Gambar 2.23 | Motor Stepper <i>Permanent Magnet (PM)</i> | 29 |
| Gambar 2.24 | Motor Stepper Tipe Hybrid | 30 |
| Gambar 2.25 | Sensor PIR | 30 |
| Gambar 2.26 | Diagram Sensor PIR..... | 31 |
| Gambar 2.27 | Modul LCD..... | 31 |
| Gambar 2.28 | Block Diagram LCD | 32 |
| Gambar 3.1 | Flowchart Konsep Metode Design Science Research (DSR)..... | 33 |

| | | |
|------------|--|----|
| Gambar 3.2 | Flowchart Pengujian..... | 35 |
| Gambar 3.3 | Diagram Blok Sistem | 36 |
| Gambar 3.4 | Perancangan Mekanik | 37 |
| Gambar 3.5 | Perancangan Perangkat | 38 |
| Gambar 3.6 | Flowchart Tiket Masuk Objek Wisata Otomatis QR Code..... | 40 |

