TABEL PENELITIAN

1. Tabel alamat pin komponen

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Komponen** | **Alamat Pin Komponen** | **Alamat Pin Arduino Uno** |
| 1 | Sensor HC-SR04 | ECHO | IO 8 |
|  |  | TRIG | IO 9 |
|  |  | VCC | Vin |
|  |  | GND | GND |
| 2 | Sensor ISD1820 | SP + | Speaker Positif |
|  |  | SP - | Speaker Negatif |
|  |  | FT | IO 2 |
|  |  | P-L | IO 3 |
|  |  | P-E | IO 4 |
|  |  | REC | IO 5 |
|  |  | VCC | Vin |
|  |  | GND | GND |
| 3 | Motor Servo | PWM | IO 6 |
|  |  | VCC | Vin |
|  |  | GND | GND |

1. Tabel pengujian komponen

|  |  |  |
| --- | --- | --- |
| **NO** | **KOMPONEN** | **BERFUNGSI (YA/TIDAK)** |
| 1 | Mikrokontroler Arduino Uno | Ya |
| 2 | Sensor HC-SR04 | Ya |
| 3 | Sensor ISD1820 | Ya |
| 4 | Motor Servo | Ya |

1. Tabel pengujian keseluruhan alat

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Jumlah shuttlecocks ( pcs )** | **Sensor HC-SR04 ( cm )** | **Motor Servo (60° )** | **Sensor ISD1820** | **Deskripsi** |
| **1** | 37 | Menutup | Berbunyi | Berhasil |
| **2** | 34 | Membuka | Tidak Berbunyi | Berhasil |
| **3** | 31 | Membuka | Tidak Berbunyi | Berhasil |
| **4** | 28 | Membuka | Tidak Berbunyi | Berhasil |
| **5** | 25 | Membuka | Tidak Berbunyi | Berhasil |
| **6** | 22 | Membuka | Tidak Berbunyi | Berhasil |
| **7** | 19 | Membuka | Tidak Berbunyi | Berhasil |
| **8** | 16 | Membuka | Tidak Berbunyi | Berhasil |
| **9** | 13 | Membuka | Tidak Berbunyi | Berhasil |
| **10** | 10 | Membuka | Tidak Berbunyi | Berhasil |
| **11** | 7 | Membuka | Tidak Berbunyi | Berhasil |
| **12** | 4 | Membuka | Tidak Berbunyi | Berhasil |