

Electronics:

- 1x, Arduino uno R3
- 1x, L298N Motor driver module
- 1x, HC-05 Bluetooth module
- 1x, Mini DC-DC Buck Converter (MP1584)
- 4x, Yellow geared DC motor
- 1x, VL53L0X V2 Time-of-Flight sensor
- 1x, Breadboard 170 points
- 1x, kcd1-101 switch
- 1x, Servo MG995 or equivalent
- 4x, Male-Female 20cm DuPont cables
- 8x, Male-Female 10cm DuPont cables
- 6x, Male-Male 10cm DuPont cables
- 1x, 1m Red 26AWG flexible wires
- 1x, 1m Black 26AWG flexible wires
- 2x, 3x AA battery holder with wires

Materials:

- 4x, m3 heat inserts
- 8x, m3 x 25 bolts
- 22x, m3 x 10 bolts
- 9x, m3 x 5 bolts
- 1x, 608RS ball bearing
- 6x, AA batteries
- 4mm plywood
- PLA filament

Machines:

- 3D printer
- Lasercutter
- Solder iron + solder
- PC/Laptop to program