**Components Used:**

* 4 x Single Shaft L-Shaped 60 RPM Battery Operated Motor
* Wheels Diameter -65mm, width -15 mm
* MG996R Servo Motor x3 for 6 DOF robot arm movement. [produces 9.4 kg-cm of Torque]
* Raspberry Pi 4B 4GB RAM.
* SG90 Micro servo Motor x4 for 6 DOF robot arm and precise camera movement.  [produces 1.2 kg-cm of Torque]
* 4-Channel DC Motor Driver Broad (controls 4 motors of robot car)
* 16-Channel 12-bit PWM Servo Driver I2C interface (used for controlling total 7 servo motors).
* Raspberry Pi Camera Module 3
* DC-DC Buck Converter for voltage regulation of various components.
* 12-watt Power bank used as power source.