

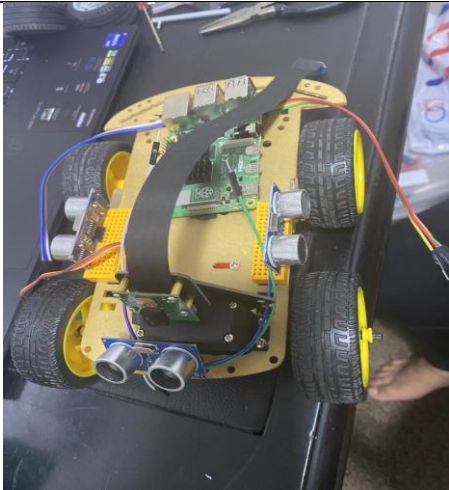
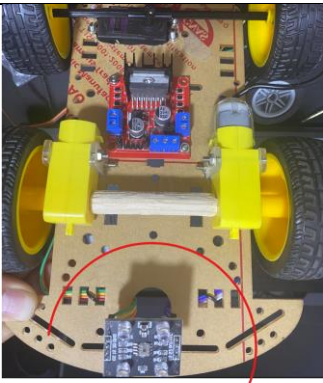
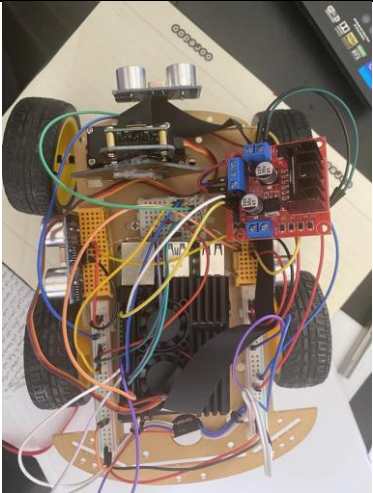




Hardware Manual

Hardware	Gpio pin	photo	Specifications
Raspberry Pi 4 Model B			Datasheet
Camera	Rpi camera port		Rpi camera specs
(Forward)ultrasonic sensor HC-SR04	Trig : 4 Echo: 22		Datasheet
(Right)ultrasonic sensor HC-SR04	Trig : 4 Echo: 17		
(Left)ultrasonic sensor HC-SR04	Trig : 4 Echo: 27		
Color sensor (TCS3200)	S3: 25 S2: 24 OUT: 23		Datasheet

Dc Motror Via Driver (L298 Controller)	26 20		Datasheet
Servo motor	16		Datasheet
Power Supply :	It a power supply for motors , sensors and Rpi		Datasheet