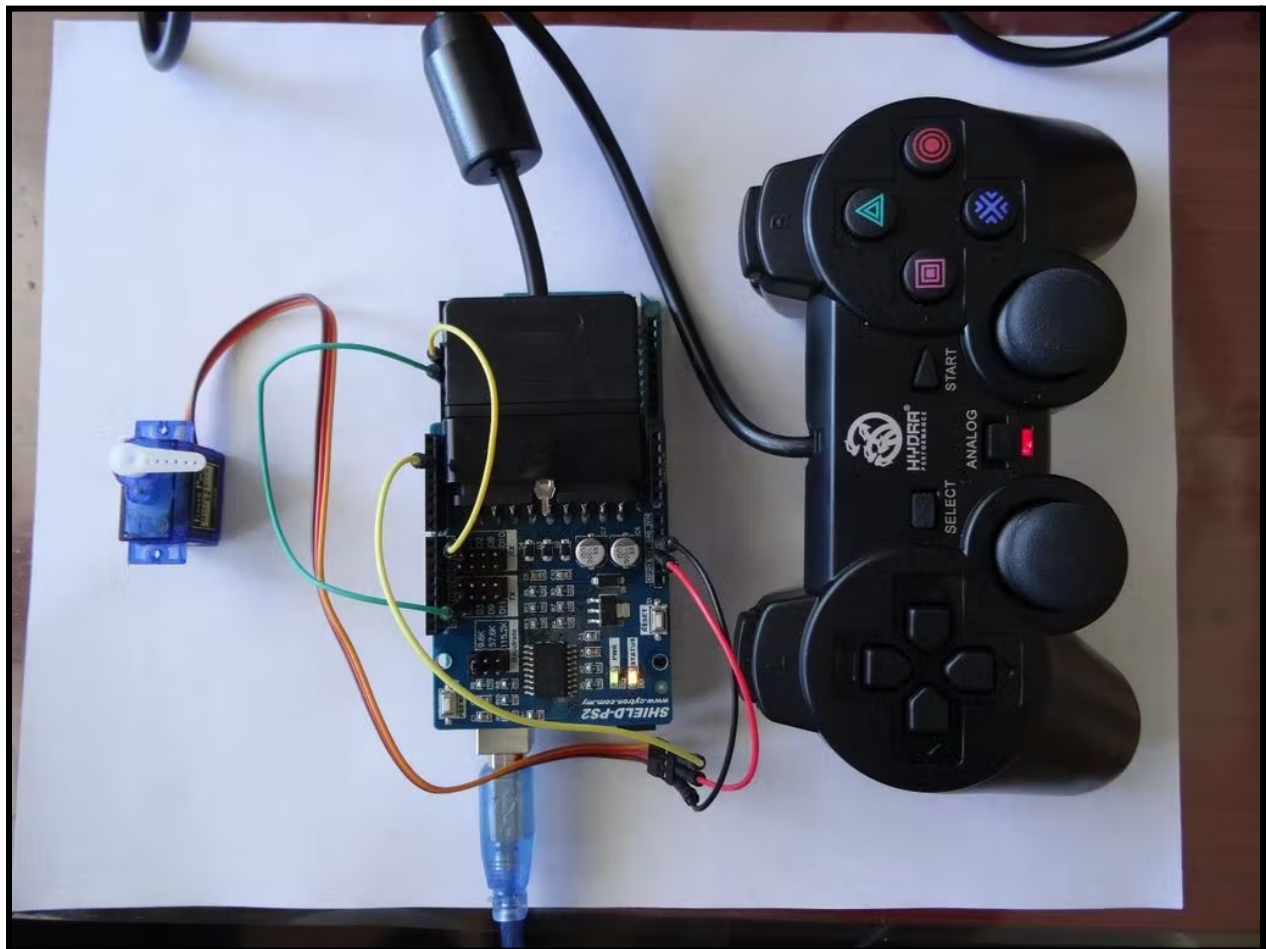# SERVO MOTOR WITH PS2 CONTROLLER

1.Module name: Controlling the SERVO MOTOR with ps2 controller using arduino uno.
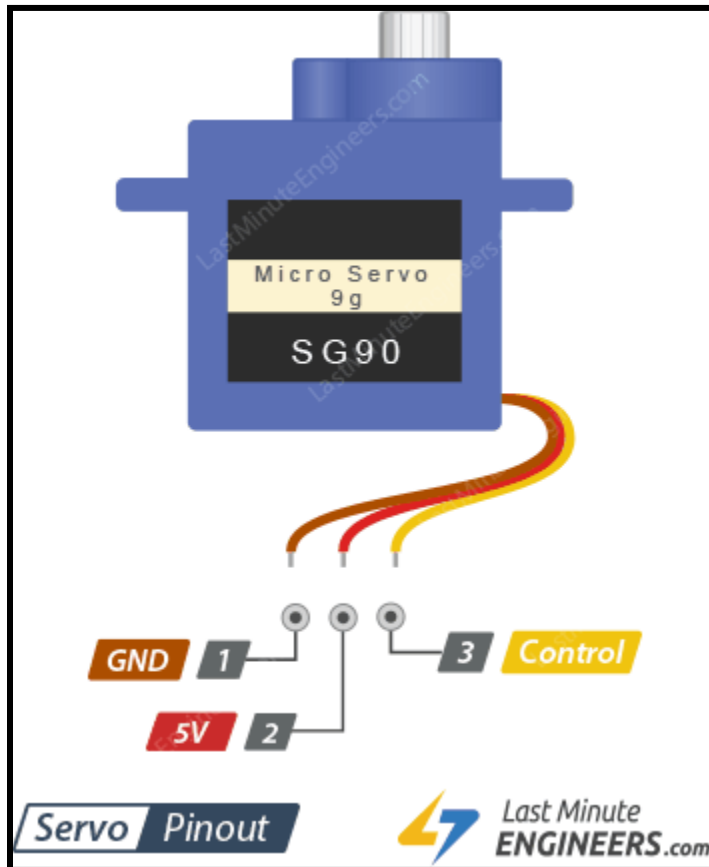
2.Interfacing of servo motor with ps2 controller:
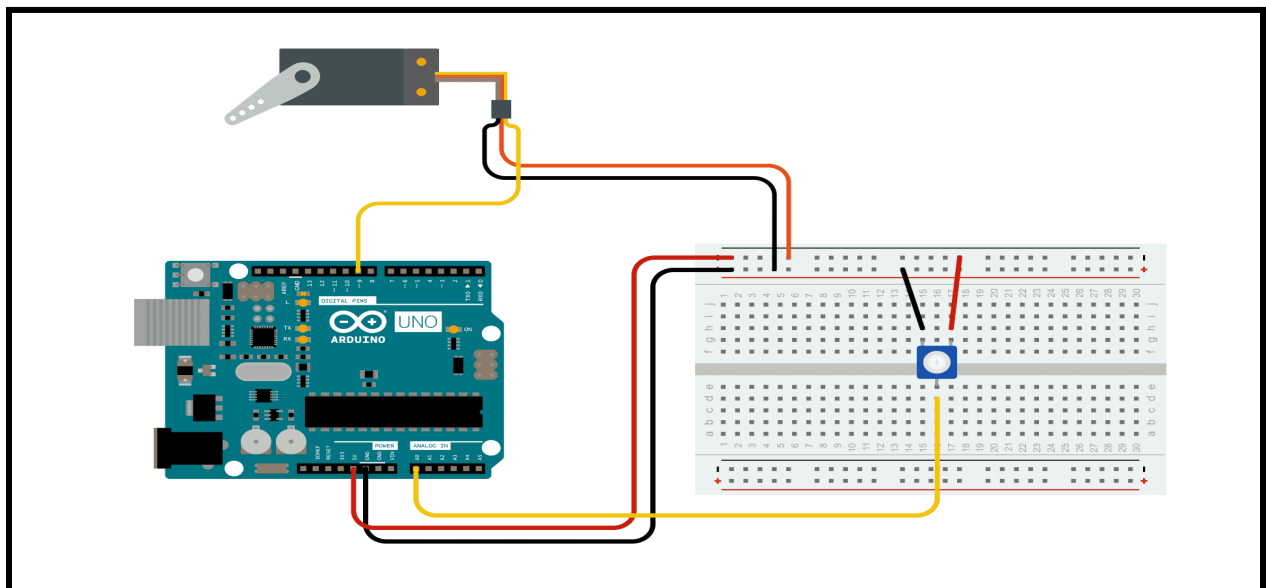

3.Servo Motor Pinout and Wire Configuration:
- Tiny and lightweight with high output power. Servo can rotate approximately 180 degrees (90 in each direction).
- Wire no.1-(Brown): Ground wire connected to the ground of system.
- Wire no.2-(Red): Powers the motor typically +5V is used.

- **Wire no.3-(Yellow):**PWM signal is given in through this wire to drive the motor.

4.Connections:

5. <u>References:</u>

https://www.instructables.com/Arduino-Controlling-Servo-with-PS2-controller/

6. <u>Code:</u>