## Proximity sensor

Ref: <https://electrosome.com/hc-sr04-ultrasonic-sensor-pic/> for tips on the improvement of the proximity sensor. Also consider logging the calibration of the proximity sensor to score points for troubleshooting.

Consider using stopwatch to test timer routines.

Consider using a LED to indicate when the measured distance is in range.

If in range, GREEN LED should light

ELSE RED LED should light