Research:

Research criteria list of what the sensor will measure, needed control measures and problems with background noise

Characterize sensors by taking measurements of suitable sensors under different control conditions

Sensor circuit design:

Design the circuit to provide sensor with required voltage and current and position

Design the control measures for the sensor to avoid noise

Should be done by half of week 8 with research by weekend design

List of controls:

Height

Light

Voltage and current to resistor