Universidade Fernando Pessoa
Hardware and Sensors

Home Automation Light System

1. Create a project, which will detect low-level of brightness and thus will trigger an event to close blinds and turn on the lights. Using the following components:
    a. 220Ω ohm resistor
    b. Light Dependent Resistor – LDR (control room brightness)
    c. Servo Motor (control blinds)
    d. Light Bulb (control lights)
    e. Arduino Uno

2. Submit your code and circuit(s) screenshot(s) into the eLearning Hardware and Sensor dropbox.