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Web Development

STUDENT

Weasley's Hat

- **CHRISTMAS TREE**
  Set #40573

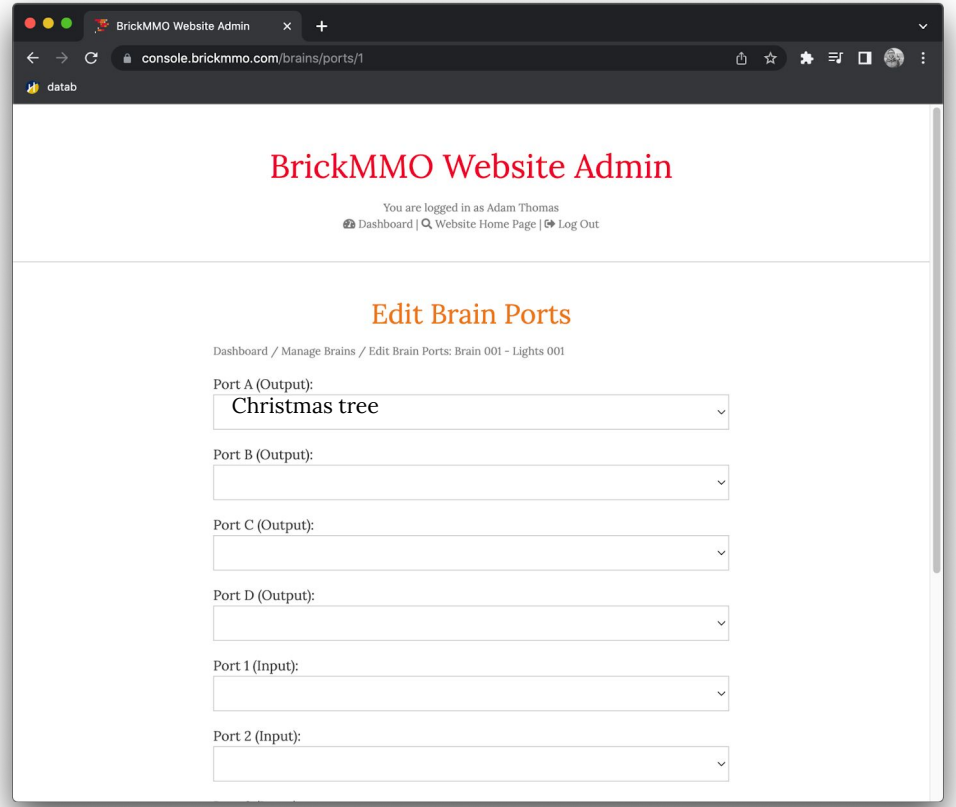
The lighting of the Christmas tree will work according to color brightness. To make it work, we are going to use a color sensor.

Input will be color brightness to the sensor.

Output led bulb will light.

Requirements

Weasley's hat will require two output port on an EV3 brain.

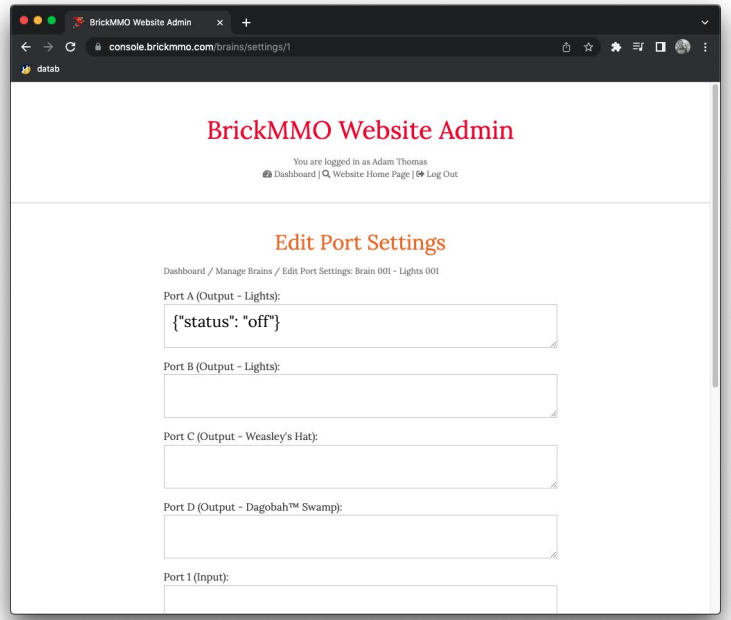


Sensors

The only output port(blub) will be attached to an EV3 brain.

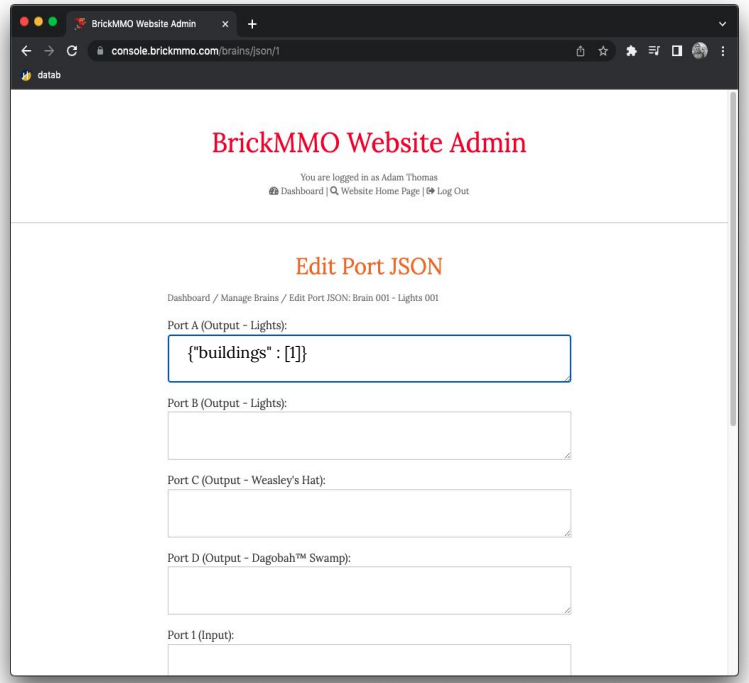
Port Settings

Status: Can be set to "on" or "off". When on 25% Dark automatically on by the sensor.



Port JSON

Christmas trees turn on light by a sensor



IoT Loop

If (sensor > 25){ turn off light}
else (sensor <= 25){ turn on light}