**Kingsley Oti Amponsah**

**Final Project Reflection**

This week (week 7), I worked on equipping my Raspberry Pi with various components into the final proposed circuit. This was done by adding the following materials:

* 2 x buttons (with your choice of keycap)
* 2 x 10K ohm resistor (stripe pattern: brown, black, orange)
* 4 x male-to-male jumper wires

A circuit board with wires and a display

AI-generated content may be incorrect.

After attaching the final materials, I realized that the anytime I run the command “**sudo python3 MultiButtonTest.py”**, the lights where not coming up when I pressed on the green button. I removed all the components and assembled the entire set up again and still had the same problem. I went ahead to build my code and still run it but the lights were not coming up. It has been working from the beginning of the course and throughout all the milestones but not this time.

From the coding point, I believe I did the right thing, but I believe I am still missing one or two connections, or it might be the facts that the board has been short circuited during one of the setups.

In summary, I believe I am very ok with the process so far, the key point is understanding the process and getting the code right. The entire components assembling has been very educative and challenging, especially running commands to install packages and libraries.