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CRT 420 Project 10 - Reflection

REFLECTION

- Comment on modifications and adjustments you had to make to bring the functional and form components together. What worked well? What would you do differently?

The size of the case for the component was elongated to fit the device better. In consideration of this modification I find that it isn't truly needed. There is enough space to fit the device within my original case model. I choose to remove the speaker from the device as a developer choice. Removing the speaker provides more empty space, thus allowing the device to become more compact. I am pleased with the size of the case and how it turned out at the end. The device and its important button and power switch fit within the case quite well. The two halves of the case stay together, while the users play the different games. Sanding and taking advantage of acetone vapor deposition for the case really makes the feel and look of the device more appealing. Using a lip type seal of the two halves of the case instead of pegs was a smarter and more durable design choice in the end. The entire device's functionality works well and is a challenging, fun, exciting, and addictive experience. For future iterations of this device I will use larger screens, a better PCB board design, larger battery, and better casing. I would build the case to have charging and programming port holes. The larger battery would offer for longer game play. A better PCB board design would offer easier component placement, soldering, and a more compact device. Lastly, having larger screens would appeal to user critiques and make the visual easier on the eyes. I am finished!!!