

This assignment is where I started to branch out on my own, having completed all of the required projects but still lacking 2 to pass the class. I could create anything I liked, given that it was done using CAD. With this, and given the fact that Mother's Day was fast approaching and I was still without an adequate gift (I felt my previous project was insufficient and, after making it, elected not to give it alone to her), so I decided to be ambitious and create a poker chip box, with a regulation 300 chip capacity. This was done by using MakerCase to create a box, as well as using Fusion 360 to create chip holders. Once all was cut and glued, felt would be laid over the box to create a polished feel.

This project was fairly simple. The poker chip holders were surprisingly easy to create in Fusion, and the box was as simple as MakerCase can make it. However, the object of consideration lied in the dimensions. The box and its holders had to be just big enough to fit a certain amount of chips, as well as just small enough so that it would be easily portable. Furthermore, the holders had to be big enough to be snug in the box, but small enough to actually fit. This required some thinking on my part, but the task was ultimately easy enough. I threw a design on the top of the box, glued it together and applied the felt without difficulty.