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Box Project Reflection

The design of the box project was one of the easiest to do. It required me to go on a website, enter parameters, and download a design. From there I put the design in inkscape where I put my initials on it. The design I used for my box was a test design the was much smaller and less detailed than my detailed. My initial design was much larger and had many more design on different sides. The design I used was very small and only had one design on it. My box was designed with finger joints and .24 inch material width. It was designed as perfect 3x3x3 cube.

The manufacturing process was not hard but it was also not easy. Because we didn't know if .24 material width would work my box was used as a test, resulting in a much smaller box then normal. .24 material width worked almost perfectly and the box fit together nicely. The laser setup process was much easier this time because I knew what I was doing. I ran into a problem when trying to vector cut because my colors got messed up but it was a very simple to fix. The laser cutting took no more than twenty minutes but I had to redo the edges because they were not fully cut out the first time. The hardest part of manufacturing was gluing. The glue came out of the bottle quicker than expected so it took some time to get the amount of glue right. After that it was smoothly. After gluing all pieces of the box together except the top, I wrapped the box with tape to keep it from moving as the glue dries. This was one of the more interesting manufacturing process because instead of one step it took two.