Boxes are a simple accessory for everyday life. They are used all over the world and can actually vary quite a bit. There are even some with intricate designs allowing for nail less actions like boxes made with the “Dovetail” method—a design that locks the wood together by sliding interlocking “tail-like” pieces together. I chose to do a simple box with a hinged side for easy closing and storage because it is aesthetically pleasing and not overly complicated. I also chose to add simple scissors to be displayed inside the box to give the box some sort of use.

There are a few pieces of the item that were brand new to me and many that needed a refresher course. I spent a lot of time walking myself through tutorials on how to make the linear pattern hinges, proper edge mating, multi assembly combinations, and parts with some kind of rotating action. The hardest by far was making the hinges because they involved several brand new processes. Those processes were the linear pattern feature of a non-typical shape, and successfully mating the part to the box so, if this box were to be made in real life, it would actually open and close with a tight fit.

I use a box like this on a daily basis to house grooming tools. I just think it’s a classy thing to have since it keeps the tools all in one place and acts as a presentation medium. My Solidworks box is also not based on a commercially available box so the creative aspect and forcing myself to learn how to use new features was pretty prevalent while attempting the project. The Trial by fire method of learning, where I had to figure things out and make mistakes on my own has proven to engrain the material into my head pretty quickly.