The main focus of my project was the cigar cutter featured in the first rendered picture above. I grew up with my older brothers smoking cigars at gatherings and holidays, and always viewed cigars as a sort of right-of-passage into manhood. As soon as I turned 18 I started getting to understand the tobacco world, and cigars have become a passion for me since then. A complex cigar cutter seemed like the perfect way to test my skills and explore an interest at the same time. To complete this project, I had to perform a lot of extruded bases and cuts to form the base of the cutter, a lot of the supports and the blade. To vary my methods, I used a revolved cut to form the half circle tabletop and used lofts to form the table legs and the purple lollipop which is a personal favorite. To make the edge of the blade, I used a chamfer with a very shallow angle. Most of the edges are rounded off with either a fillet or a chamfer. The hardest part of making this project was creating the video which is included in the submission. It is very short, but the tutorial for it was pretty confusing and tedious to transfer to my project. Mating the cigar to rest in the bottom of the trough was also a challenge which involved several separate mates. The design of the cutter is taken from a picture of a real product which can be found on Amazon, and the picture is below. Solidworks was pretty challenging at first. I had a hard time understanding processes, but the thing that I learned most from taking this section of the class is that practice is really the key to doing well. I think I got a hold of Solidworks so well because I have it on my own computer and could practice at home.