Individual Solid works Project: Saxophone Mute for Practice

- I have played the saxophone ever since the fourth grade.
- I wanted to develop a type of mute that could be used for practice (silences the instrument but you can still hear yourself)
- The modification would be a case the encompasses the saxophone, much like an exoskeleton, to prevent sound from escaping
- I looked at a variety of pictures showing saxophones, plus I have a wide range of knowledge concerning the saxophone from playing it so much.
Solid works made it easy to make a 3D representation of my saxophone mute modification. Not only did it make it 3D, but it also made it look realistic and allowed me to easily choose colors to enhance the appearance. The difficult part of solid works though was making the recognizable shape of a saxophone and finding the correct areas of where the buttons would be located. This challenge taught me how to use the “loft”, “plane”, and “extrude” options accordingly.