Personal CAD Project: “3D Model of a Hand Sanitizer Bottle”

This model is referenced off of Lucky’s hand sanitizer bottle. Though the Lucky bottle was referenced, the dimensions of the physical model do not match the dimensions of the 3D model.
I picked this object to make in Solidworks because, although it was a relatively simple design, it dealt with mechanics, which is something I am very interested in. The most difficult part of the project was making the elongated knob that sits on top of the hand sanitizer. The awkward shape made it difficult to manipulate in the computer program. The mechanical aspect of this simple object relates to my major because I am planning on pursuing a degree in mechanical engineering. The pump mechanism on top of the hand sanitizer applies basic mechanical engineering aspects, and I am interested in continuing to develop my mechanical engineering skills. This project was worthwhile because it allowed me to get better acquainted with the Solidworks program as well as become more intuitive towards the drawing and design process.