My Personal Solidworks Project

For my personal cad project I chose to construct a type of ugly stick fishing rod. Some of the designs were a mixture of a few different types of reels, but the most was taken from the Sedona 2500. The reason I chose to do this project was my hobby of fishing and what my fantasy fishing rod would like. For those who do not know the ugly stick is rod in the pictures with the spinner on the outside. The most difficult part of designing the project was the body of reel. The reason being is that they are very smooth looking, they have thickness, but at the same time do not look bulky. It took me multiple attempts to create a design that was the proper size and design, and was also able to mate easily to other components of my reel. This project pertains to my major for many reasons. For one solidworks is an important tool that can be used to create a prototype to any product that someone wishes to design. On top of that the process of creating something from scratch I feel is something that engineers will have to do sometimes. What I learned in this project is that sometimes your going to continuously fail until you stumble upon the perfect solution. This project was a lot of because the design was all me and it was satisfying when I created the final result.