Summary: I chose to sketch the assistive shovel because it was the idea I came up with for Quiz #1. I wanted to evolve my idea and put it into a clear visual representation where it could be easily explained. The most difficult part of this project for me was coming up with accurate dimensions for the shovel. Since it is a theoretical product and there are no actual dimensions to go off of I needed to make a lot of assumptions and brainstorm the best possible sizes for the parts. This project relates to my life because I enjoy working with the design process especially to design technologies like this. I enjoy inventing and coming up with new ways to solve problems. This project greatly improved my ability to use SolidWorks and design three dimensional models. I learned a lot and had a blast doing it!!