

TOUCH UPS ON DESIGN + SOME NEW RESEARCH

This past week was decently productive. Some new developments were made in the design of the Final Product and new research was conducted going more in-depth into the angiography procedures in preparation for the next mentor visit. It was a solid week of work and it represented the steady progress being made on the Final Product. I am really happy with the steady progress being made regarding working on the Final Product. It demonstrates my growing maturity in terms of working on projects long-term.

Some design modifications were made this week regarding the main joint. The rotational locks were set, but some of the dimensions were a bit off. I ran into some problems with the program resizing on its own, but luckily I was able to fix it. I figured the mistakes were just due to a lack of experience with the program, which will be gained as more work is done on the design as the semester progresses. I am beginning to ramp up on design and getting more serious as the deadline for the Final Product is approaching. Additionally, it would be nice to have a pretty solid overall design of the mechanism for my earlier trial runs of the Final Product presentation, so I am working pretty hard towards that goal as well.

Regarding the presentation, some basic preparation was done over the weekend. A basic outline of what should be discussed was created and I am getting an idea of what the presentation should look like, based off of what I learned from the last presentation. I was extremely proud of my last presentation and I would like to try and top it with this presentation. Again, the fact that I am starting preparation so early for the presentation is impressing me.

Lastly, some research was done on angiography procedures. It encompassed watching and taking notes off of some videos of procedures. The main reason for doing this research was to gain some questions to ask in my next mentor visit. This upcoming week, the goal is to have a productive mentor visit and to make some strides in the design of the Final Product.

Weekly Report

3/29/21 - 4/4/21