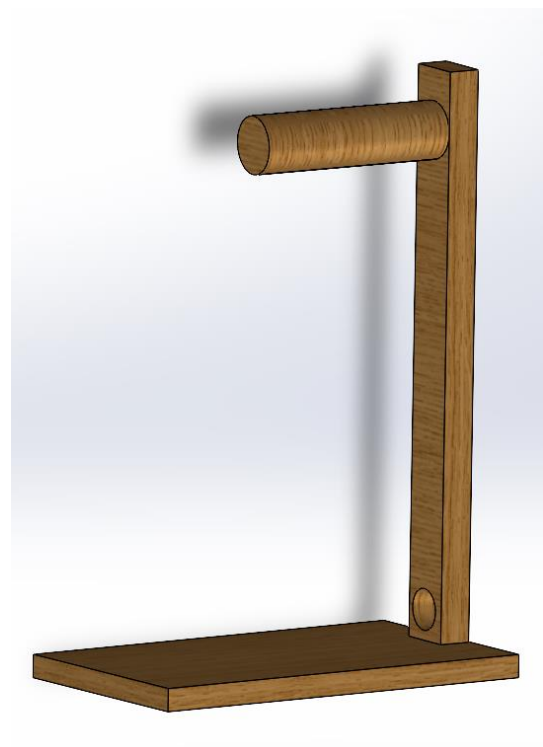


Desktop Project

- 1. Once the parts were manufactured, I cut the length and width of any of the parts that weren't quite correct. Here I used a tri square and a tenon saw.**
- 2. Using the belt sander, I removed pencil marks to ensure a uniform measurement across the different pieces.**
- 3. I made a hole with the pillar drill which was 30mm wide. The reason for this, is so that a charging cable could run through while the headphones was resting on the stand.**
- 4. Before creating a glue joint I made sure to finalise everything and sanded my work down using glass paper smoothing the surface and the edges of my parts.**
- 5. Once this had been completed, I then created a mortice and tenon joint.**
- 6. Finally, I used varnish on my design to give it a nice clean finish and used some Danish oil on the head of the stand to give it a nice brown look.**



SolidWorks Process

I used SolidWorks to create a design for what I was going to create looking at reference photos for an idea. Once I had come up with my idea, which I decided on a headphone stand, I created parts which I would then join together using the assembly tool. I made sure to render my image to get a rough idea on the colour I wanted. Unfortunately, there wasn't enough of the wood I wanted to go round so I could only use some of it in my design.