

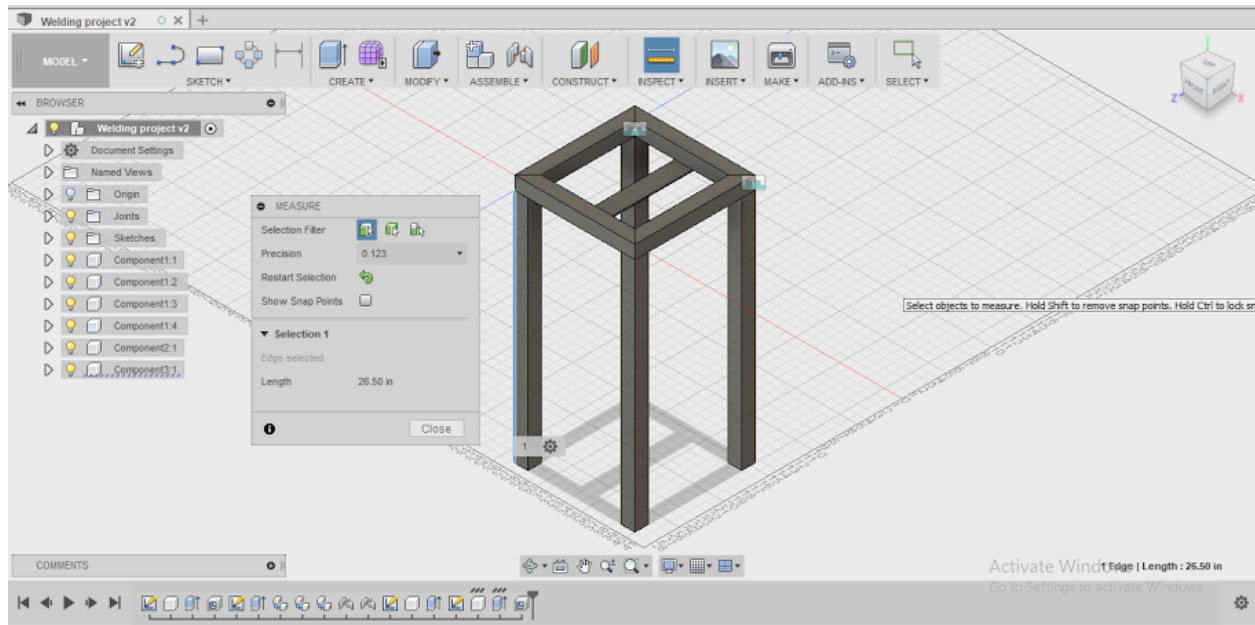
Welding project.

Task	Start Time	Estimated finish date	Completion Date	Notes	
Get stool dimensions	01/25/18	01/25/18	01/25/18	26" tall. 13" wide	
Design stool in CAD	02/1/18	02/1/18	02/6/18	I designed the stool in CAD after because it was such a simple design	
Cut out all the Legs	01/25/18	01/25/18	01/25/18	I used the ban saw to cut the legs out. This was much faster and easier to make them the same length.	
Cut out seat	01/25/18	01/25/18	01/25/18	I wanted the conners of the seat to be closed, so I used the ban-saw to cut 45° angles and fitted them together.	
Weld seat together	01/26/18	01/26/18	01/26/18	I used the 90° clamps to hold the poor cut angles and then filled in the gaps with wels.	
Weld legs to seat	01/26/18	01/26/18	01/26/18	To weld the perfect 90° verticle I used the 3d vice. It worked wonders and the job was done in 10 minutes.	

Cut out bottom of seat.	01/25/18	01/25/18	01/26/18	I wanted to keep the bottom of the stool mostly open so it would be lighter. I used a 3" piece of metal stock for this, I cut it at 12" so it would not overhang.	
Weld sheet metal to seat.	01/25/18	01/25/18	01/26/18	This only took a second to weld the bar stock on the bottom of the seat. I made sure it wasn't hanging off the edge of the seat.	

Laser engraving	02/2/18	02/2/18	02/2/18	Mss. Makins helped me bitmap my picture into Inkscape, then while she set it in the laser cutter I started priming my stool .	
Priming	02/2/18	02/2/18	02/2/18	I primed my stool with white primer, this only took a few moments in A1 free, I just had to wait for it to dry for the next layer.	
Painting	02/6/18	02/6/18	02/6/18	I painted my first layer in red, leaving the tape covering the primer that I will soon go over in blue.	

Video	02/2/18	02/2/18	02/2/18	I used the vice to hold my phone at the proper level. This worked well for only having one person	
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Link to video: <https://www.youtube.com/watch?v=5tiAa2n27Y8>