

Wine rack

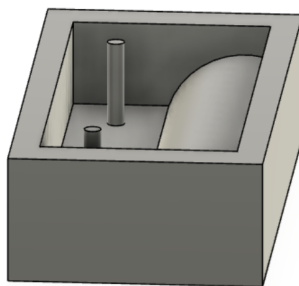
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Our final project in the course Production Processes at the University of Iceland was a wine rack. We were very interested in creating a wine rack and looked all over the internet for inspiration. On top of that we looked at what bottle orientations were best to preserve the quality of the wine. We were all very pleased with our final design which can be seen here to the right. The main goal of the project was to use large scale CNC milling as well as molding and casting to create the design. We used large scale CNC milling to cut out the wooden plates. The material to be used was Walnut and Oak. We used molding and casting for the mounted wine glass holders that are at the bottom. We would use wax for the mold and epoxy resin for the casting. The main CAD softwares that were used were Fusion 360 and Inventor. Alexander was in charge of creating the website, Aron did the CNC milling of the wine rack and Porkell did the molding and casting of the wine glass holders.

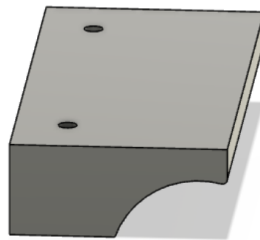


Figure 1: Our design

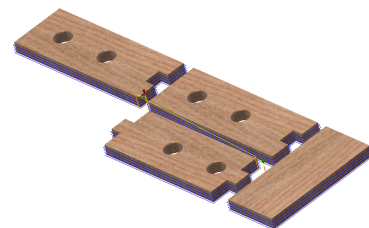
[Here is a link](#) to our Final Project website if you would like to know more about our project.



(a) The Mold



(b) Molding outcome



(c) Wooden plates

Figure 2