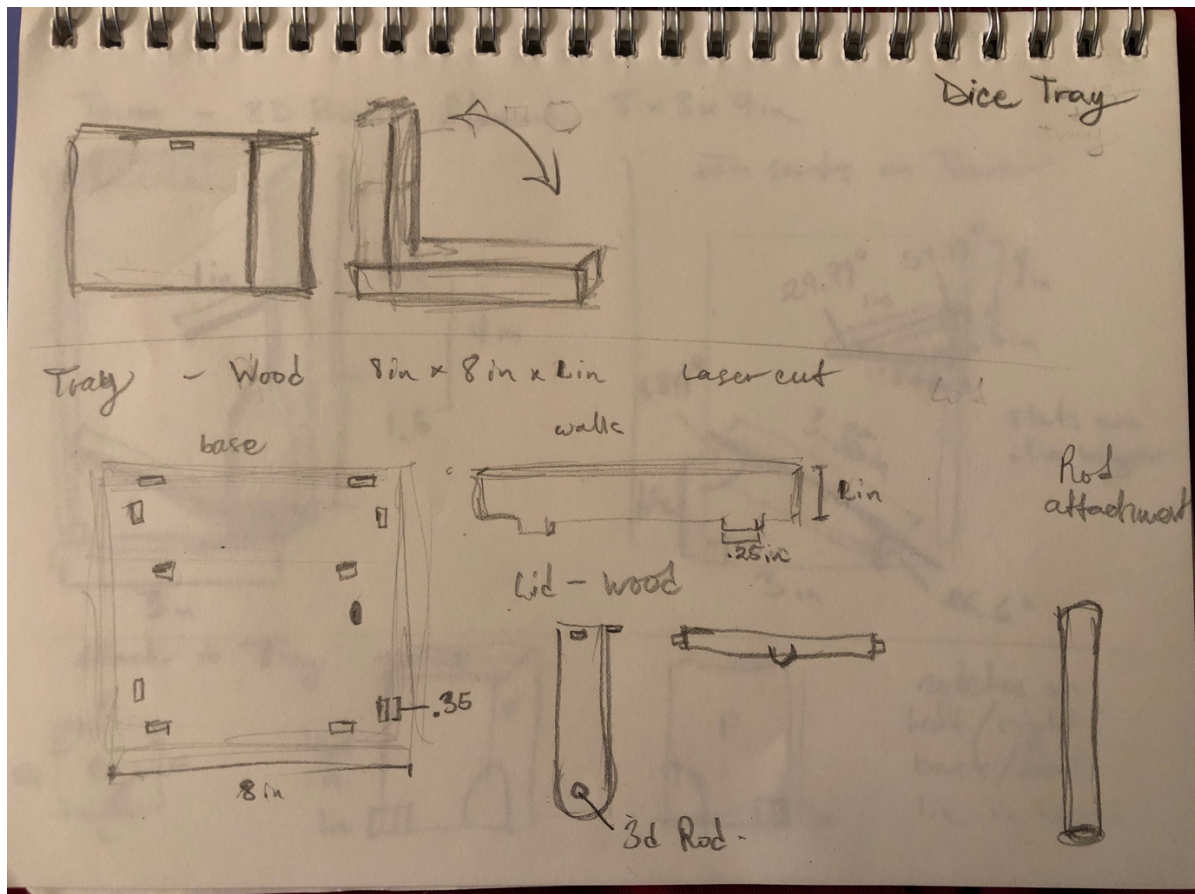


Final Proposal

D'Marcus Butler

For my final project I want to create a dice tray that I can use in my Dungeons & Dragons games. A dice tray is used to roll dice on a surface that does not harm the playing table or the dice.

Sketches



Process

1. Design tray and lid in OnShape
2. 3D print attaching pieces
 - a. Create test fitting for attachment pieces
3. Laser cut box pieces
 - a. Create test fitting on spare wood
 - b. Raster an image on lid piece
4. Assemble Pieces

Timeline

Date	Task	Contingency
5/3	Sketch concept	
5/4	Design wooden and 3D pieces in OnShape Price Materials	Attend office hours to solve any problems with designs.
5/5	Do test fits Print/Cutout Pieces Assemble	Individual pieces should not take long to print. Re-print if necessary. Move printing to 5/6 if machines are in use.
5/6	Documentation	

Materials

Material	Source	Price	Notes
Wood	Fluke		Purchased at Production
Filament	Fluke		Purchased at Production