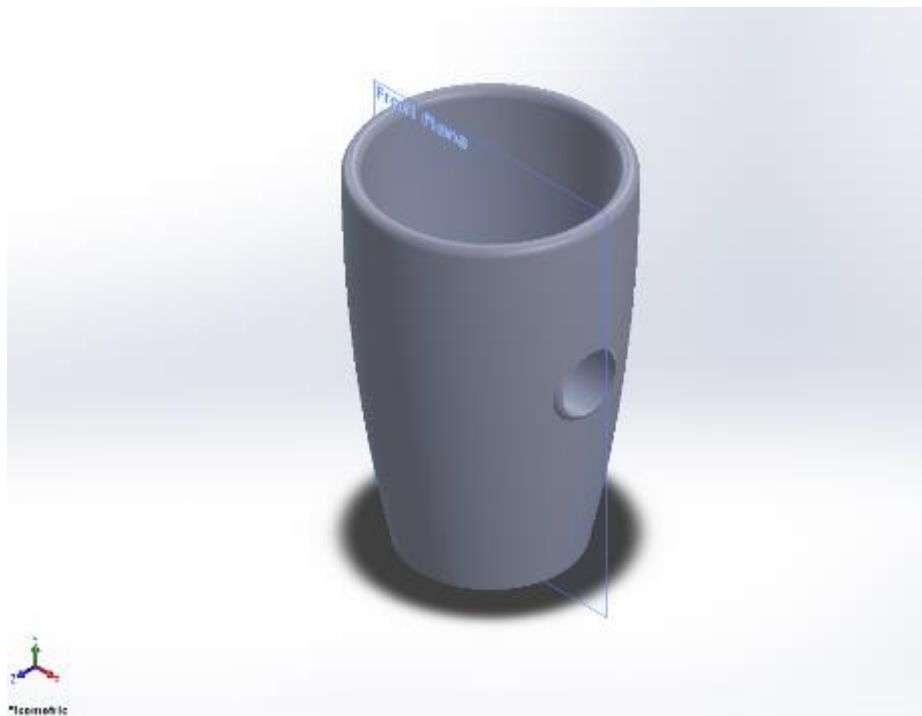


Design Project 1

Our first design project this year involved creating a coffee mug for a person who only has the use of one finger. We progressed through the entire design process, from identifying the needs of our potential consumer and organizing their importance into a hierarchy using analytics, to creating and testing a clay prototype in order to best meet the needs of our consumer. I am part of a four person team that worked together, combining our individual skills to best complete our objectives.

Primary/First-Level

	Safety	User-Friendly	Design	Lid	Durability	Sum	Weights
Safety	1	0.33	2	6	2	11.33	0.231
User-Friendly	3	1	4	8	6	22	0.449
Design	0.5	0.25	1	4	2	7.75	0.158
Lid	0.167	0.125	0.167	1	0.25	1.709	0.035
Durability	0.5	0.167	0.50	4	1	6.167	0.126



Solidworks prototype of

our final design