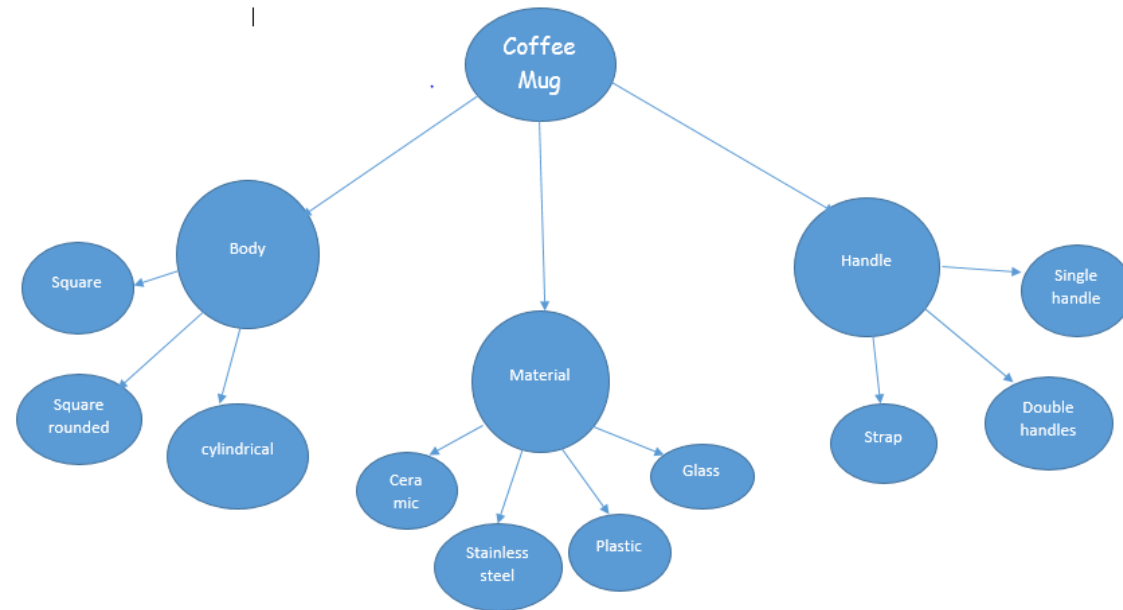
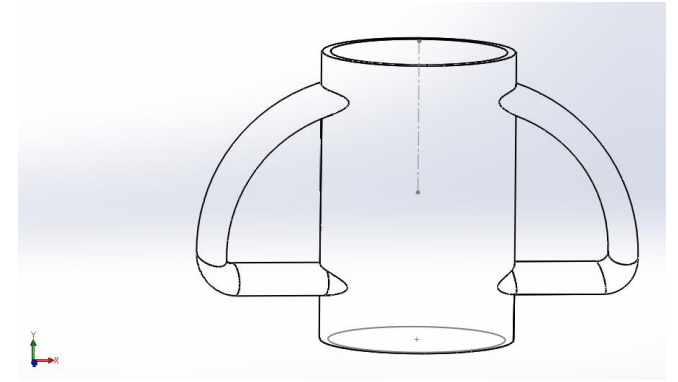


# Design Projects

John Kaplan

Spring 2016

# Design Project 1- Coffee Mug



We came up with many different designs in order to find the best possible mug for people with hand and finger disabilities. A classification tree was used along with an AHP table in order to establish the most important traits needed by the customers.

# Design Project 2 – Lockheed Martin Part Optimization

We made the control arm of Lockheed Martin's control arm more lighter, stronger, less expensive, and rust resistant. We did this by utilizing the truss idea that is used in bridges and crafted the control arm out of aluminum alloy 6061. It will be made from Powder Bed Fusion

