Design Project 1

Coffee Mug for a one-finger disabled person

We were given the task of designing a coffee so that a person with only one finger would be able to use it with ease. We achieved this goal by designing a mug that will allow an elastic band and sleeve to attach to the mug, which would allow the user to slip his or her hand into the sleeve and be able to drink the coffee without the use of fingers.

We went through the design process to accomplish our goal of creating a coffee mug for a one-finger disabled person. We used techniques such as AHP, concept screening, and a concept tree in this process of narrowing down our ideas. Here is an example of our concept tree:

![Concept Tree Image]
SolidWorks Model of our final product design: