Work Completed

Over the past week I have done research about how to set up the wireless communication between the implanted CB220 and the CuTouch. I also looked at various devices housing packaging to figure out which housing would be best suited for our design.

The figure below was set up by Erica and Zack; it shows the set up of stretch sensor across the artificial bladder.
Future Work

The work for this upcoming week is to understand how to establish a wireless communication of the implanted portion of our device. Also, for our device packaging, I will be speaking with my group about the ones I have been looking at, and see if they think it is best suited for our design. This upcoming week, I will start writing the user manual and final report. For the final report, there are a few things that have to be researched, such as as far how we can power an implant? What materials should the implant is made of? Sterilization techniques of these materials? Etc. We also have to find a way to measure the resistance across the bladder more efficiently.

Project Review

There was significant work done over the break, mainly by Zack and Erica with programming and writing codes for the microprocessor and Cutouch. As a group we have made significant progress compared to previous weeks.

Hours Worked

This week I worked 10.5 hours, majority of it spent doing research on our physical assembly, and research on the materials used and information for our user manual.