Parker Sexton

Protocontrol Beta Demo action items

Beta demo: TUES apr 2nd [Project 38: Protocontrol] P W3:30-4:30n in Troxler

To get done:

* Test and assemble new main PCB boards
* Test and assemble new component PCB boards
* Create ports that securely snap together components to PCB
* Design, test and implement slider component to I2C
* Design, test and implement fourth component pcb
* Create another enclosure model for new PCB
* Finish fine tuning increment and button classes
* Figure out the placement error with components from website
* Implement specific features we mentioned from user trials
* Implement secure port system for UART cable
* Look into byte based communication in lieu of ASCII only
* Look into more digital components to add to website
* Come up with answer for how to configure on different wifi networks

Demo prep tasks:

* Build two distinct User systems to demo with
* Create example demo software on two different microcontrollers that can interface with protocontrol
  + Big one. At minimum, a send function and receive function w examples
* Run some sort of testing for UART signals to get data on reliability
* Follow up with interested teams about collaboration
* Order parts for as many other prototypes as we can
* Create first draft of user setup guide