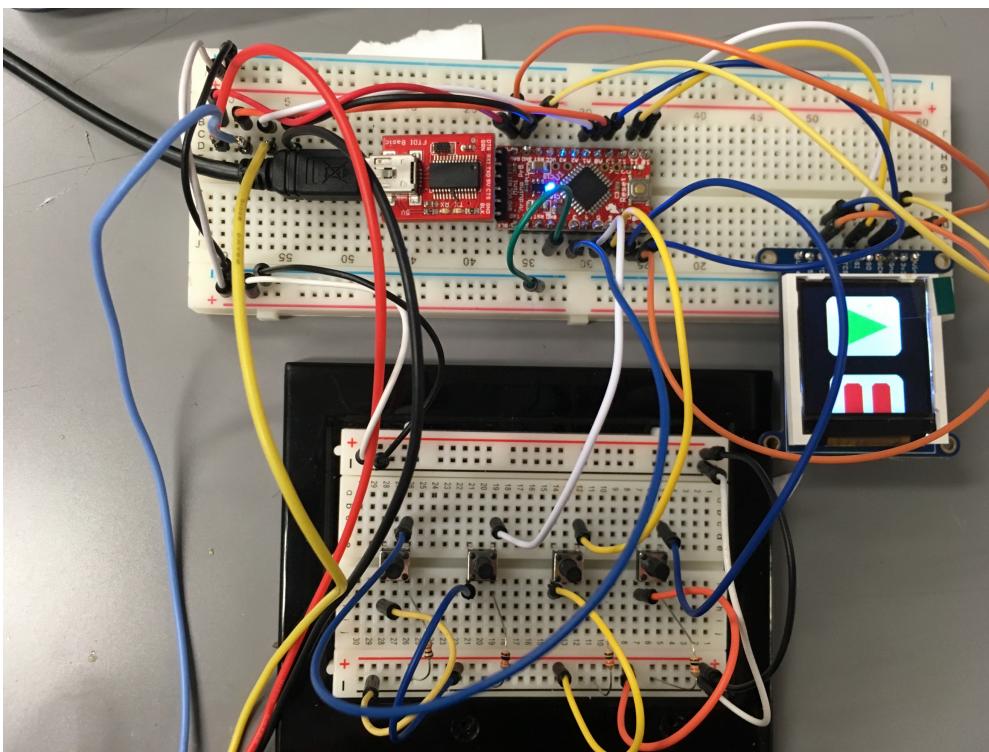
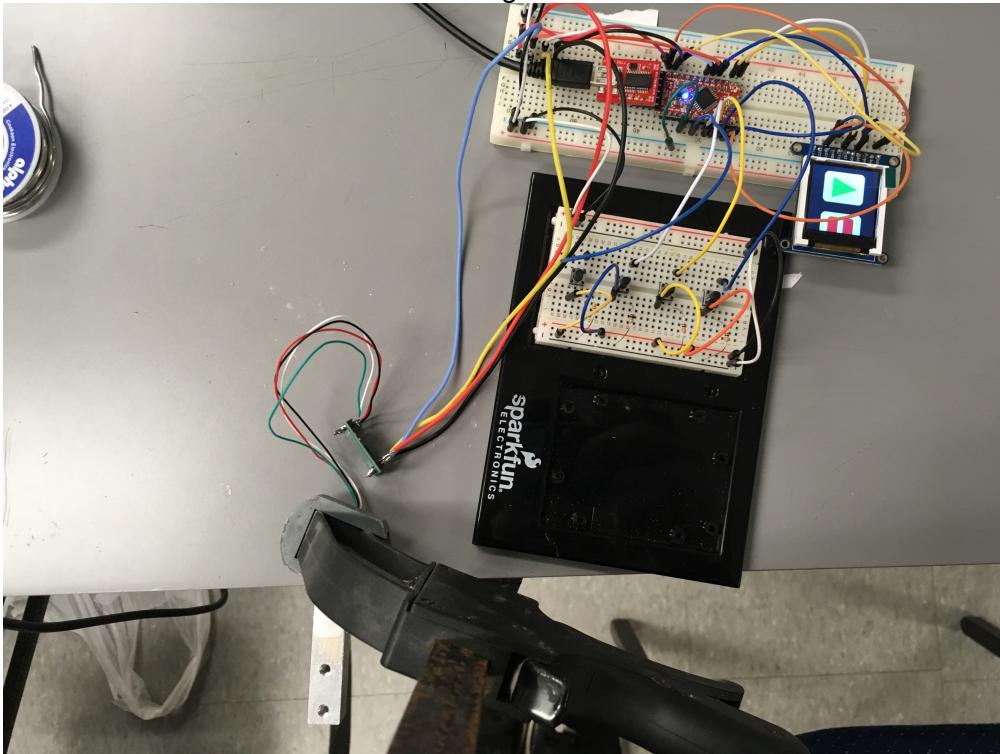
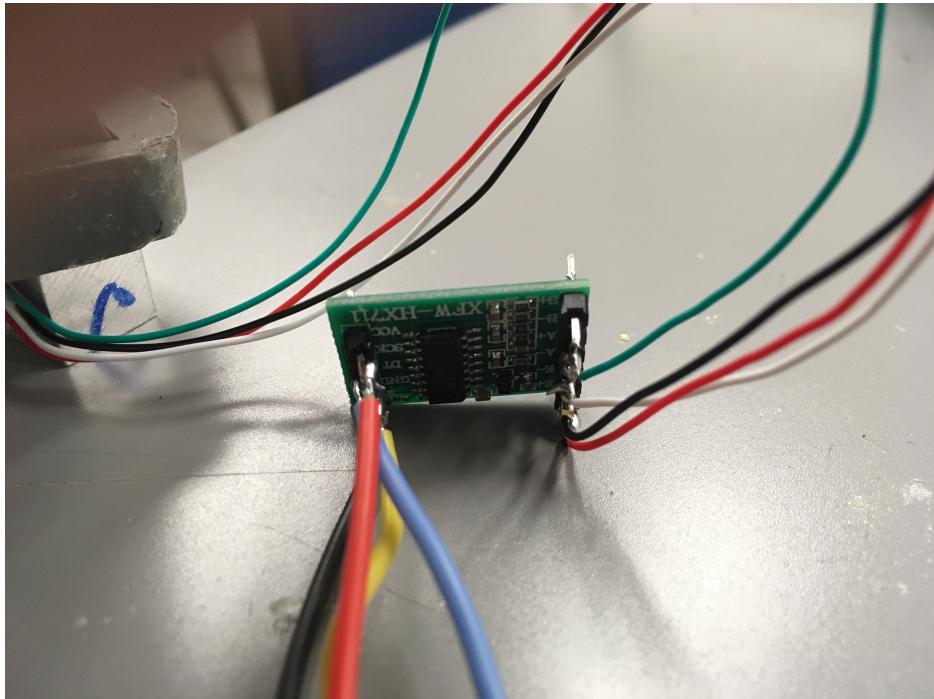


## 05-FunctionProof.pdf

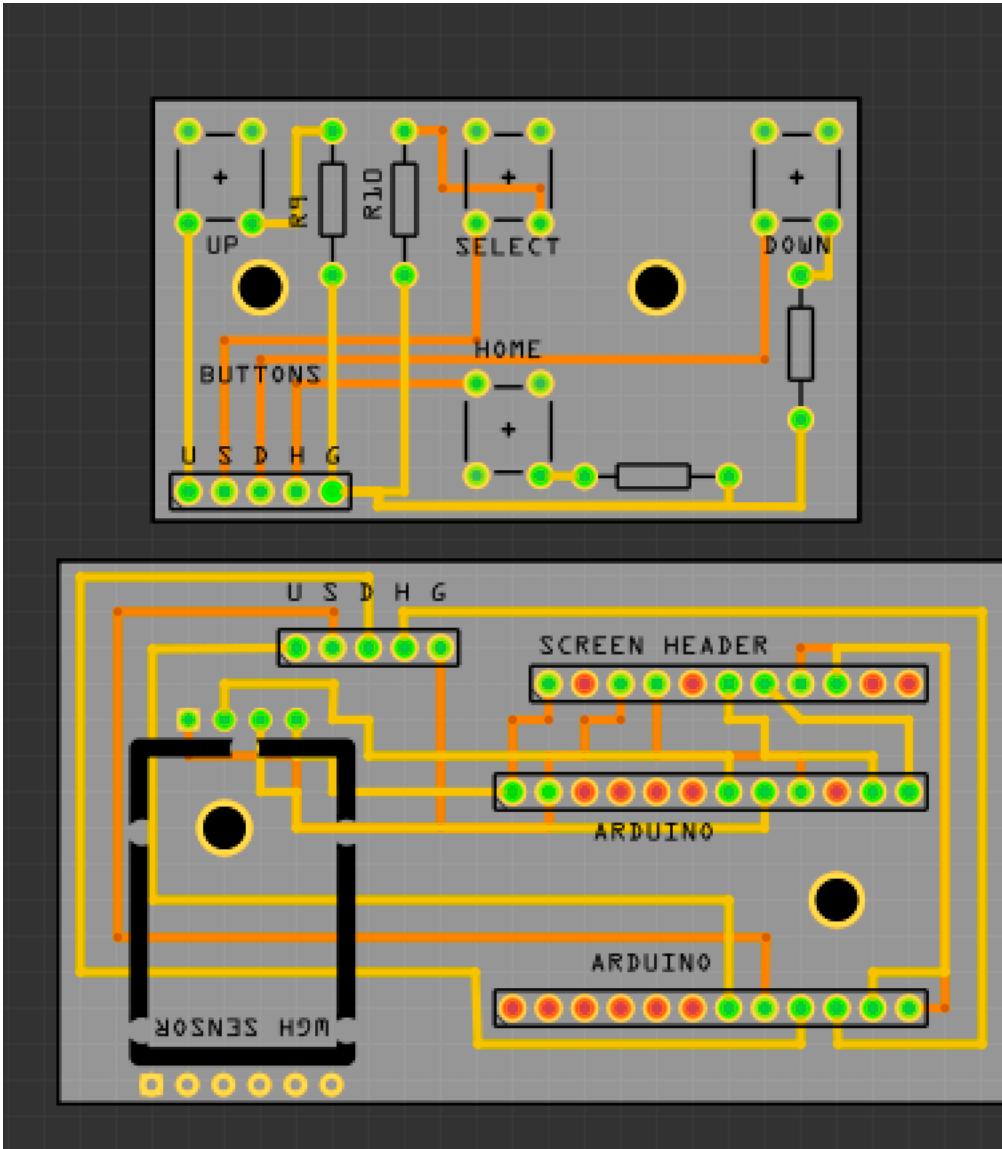
- Functional Breadboard - Build your circuit on a breadboard using temporary connections.
  - Breadboard Image with Labels





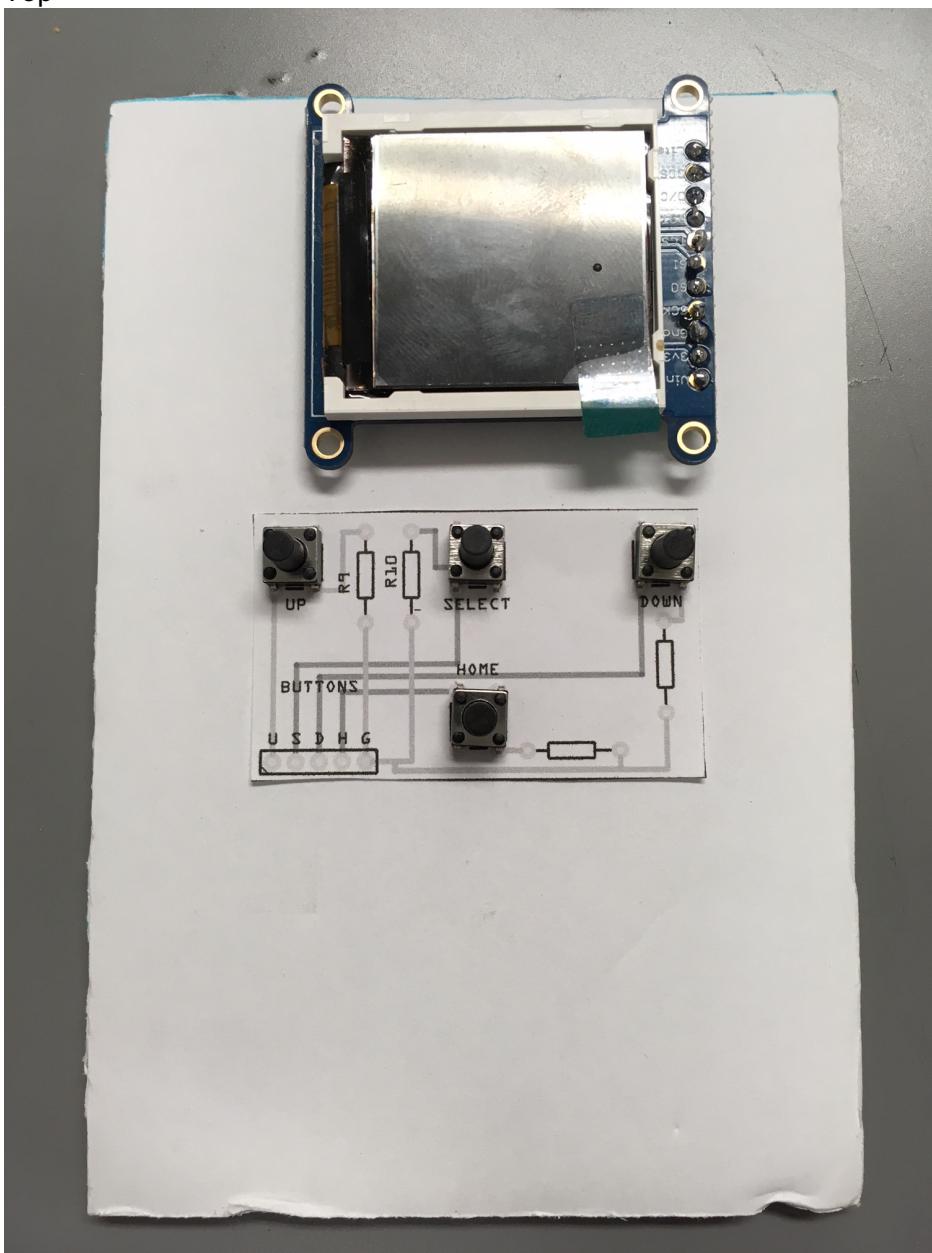
Video: <https://youtu.be/U-gZVWin4jo>

- Multiple State Images with Descriptions
- Commentary on proposed concept compared to proof of concept
  - The design was really hard to get working, but once it did, it worked nicely. The only thing that is bothersome is that the weight cell takes a while to load initially and then reads the weight kind of slow.
- HelloWorld Software - Include a copy of your software in your repository.
  - Include any libraries necessary to compile the software
  - Well-formatted code is required with helper functions labeled and described with comments
- PCB Design - Design a 2 layer printed circuit board in **Fritzing** using your previous work as a guide with the following considerations:
  - Minimize the overall footprint to reduce costs
  - Consider placement and mounting in physical device
  - Design Rules Check your circuit prior to submission

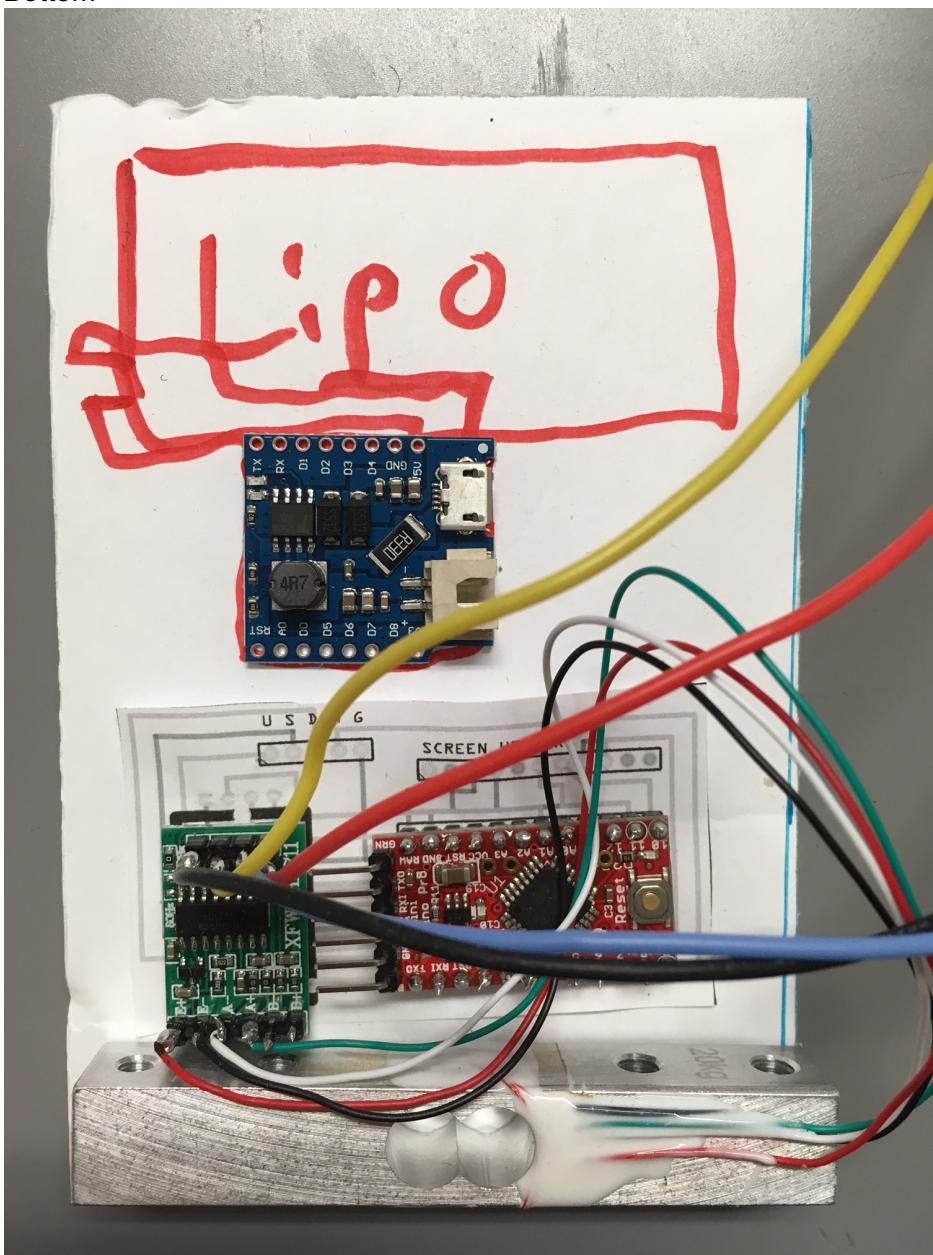


- PCB Paper Test - Print your PCB images on paper and glue them to foam core. Test fit your components on the foam core to ensure proper spacing
  - Include images with labeled dimensions

Top



Bottom



## Dimensions

