Project 7: **IoT augmented physical scale model of a suburban home**

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Week #6 (July 1– July 5, 2019)
Accomplishments:

◦ Placed all wires in the house

◦ All wires and connected to Pi Hat and sensors connected to breadboard

◦ Code working and running - data collection beginning

Problem & Solutions

◦ Problem: Pi Hat on Friday didn't work.

◦ Solution: Found different code for the motors and ordered and utilized a new hat.

◦ Problem: Ran out of wires and were only left with splintered wires instead of solid ones.

◦ Solution: We bought more and they should be arriving Friday.
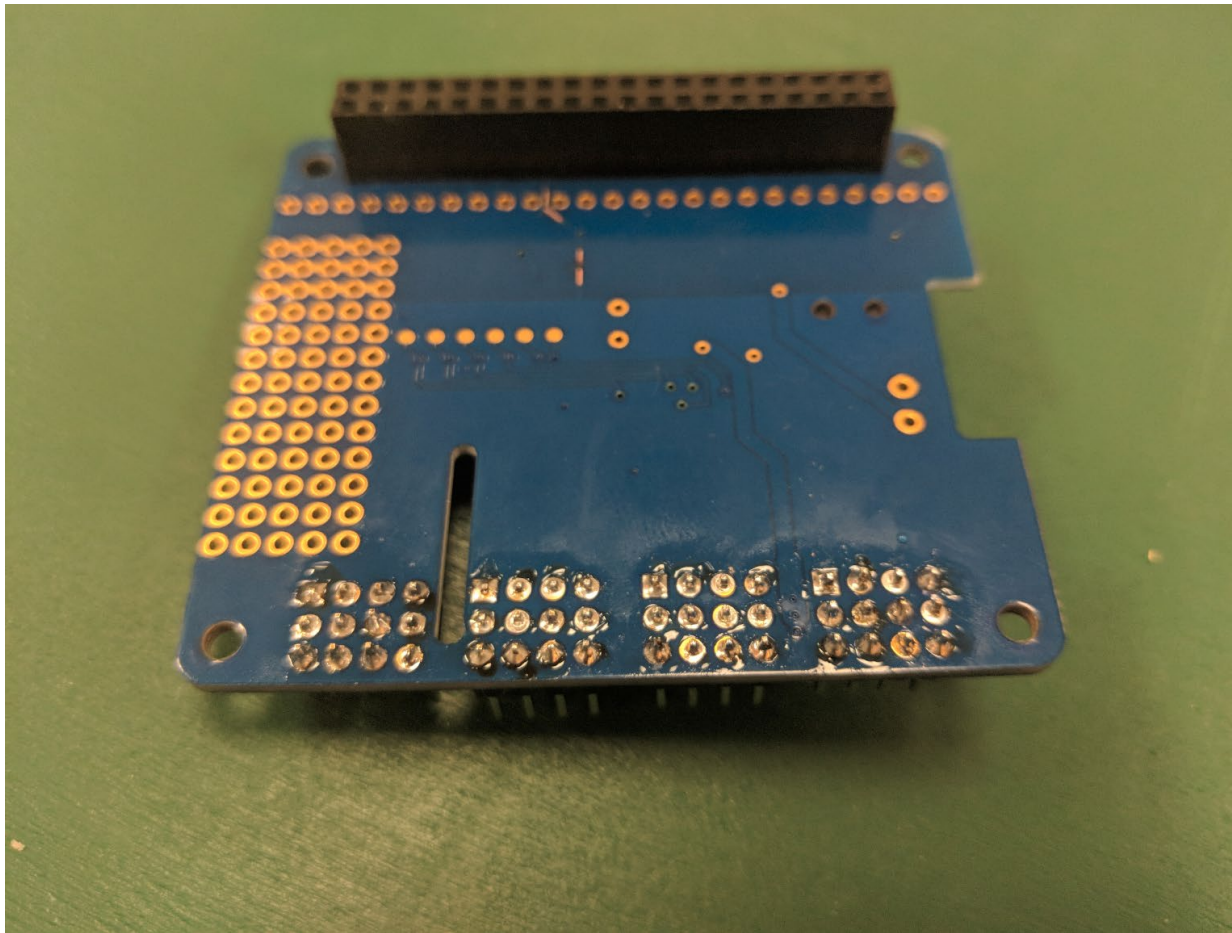
Plans for next week:

◦ Refactor the code using the new libraries for the hat and the servo motors - code the scenarios

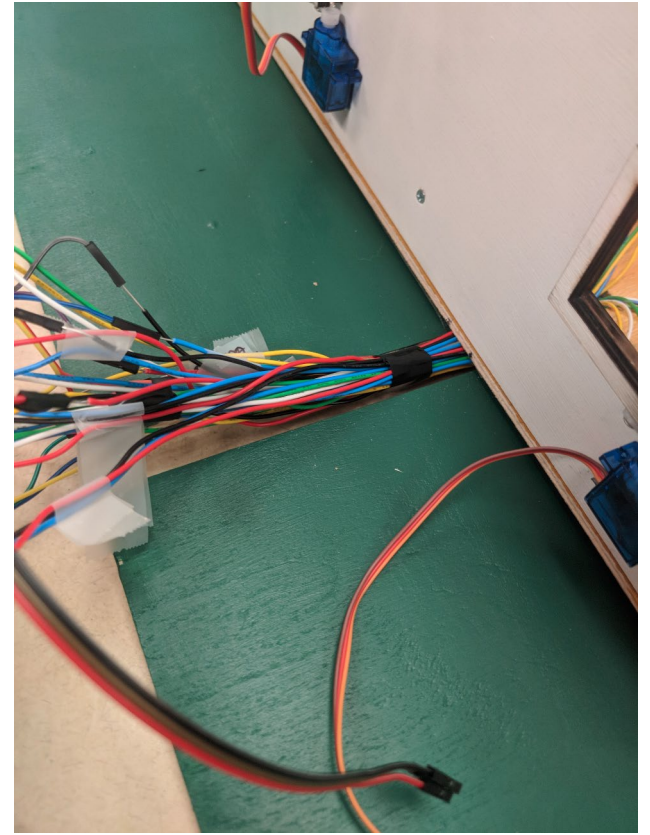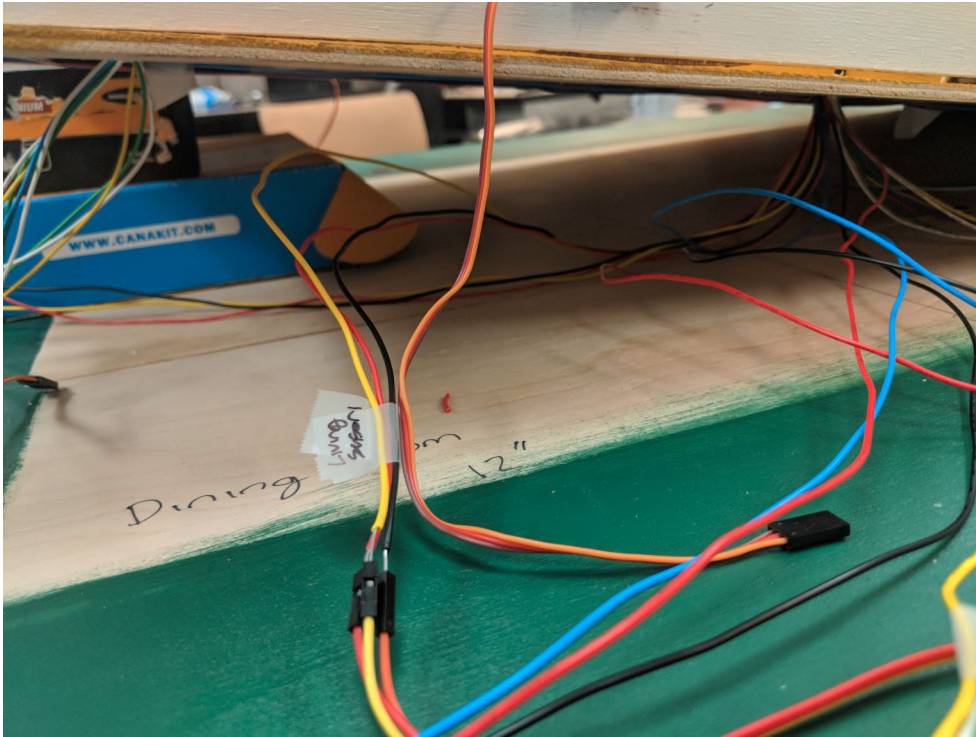◦ Collect data and begin data analyses on sets collected

Raspberry Pi Hat

Soldering the Pi Hat

Connecting Wires to the Hat

Running the hat with code

https://www.youtube.com/watch?v=Y4bAC5WtcPE