Improved Salmon and Trout Egg Counter Weekly Progress Report

Report date: 4/17/2022

- **Last Week**
  - Team Review
    - Collectively ordered a bunch of stuff
    - Worked independently on respective things!
  - Sydney
    - Tested sensors and created code for all of them counting
    - Ordered a lot of enclosure stuff on amazon and received it today
    - Started the final report
  - Sean
    - Ported some code from colab to Pi
    - Tested some of the button push code
    - Implemented trigger code
  - Agustin
    - Went to Jensorter to Mount motor on chassis
    - Started to build motor stop/start circuit
  - Trueman
    - Chose waterproof buttons and switches
    - Brainstormed cooling methods
- **Next week**
  - Team Plan
    - Test Plan (due date approaching)
    - Team meet friday
  - Sydney
    - Test Plan help trueman if need be
    - Continue to test sensors and their enclosure
    - Start to work on the final report
    - Email curt and ask for disk and hopper cut/ update him
    - Go to Lowe's?? Look for mounting equipment
  - Sean
    - Further Implement Startup Code in Pi
    - Test button pushes into print function in Pi
    - Test Toggling between Setup & Count Code
  - Agustin
    - Finish motor start/stop circuit
    - Support Trueman with the test plan
  - Trueman
    - Test Plan
- **Blocked**
  - Team Blocks

- - ■ Waiting on disk and hopper……
  - ○ Sydney
    - ■ Thing ordered for the camera mount might not work… see if it will work anyway!!
  - ○ Sean
    - ■ Button Debounce software isn't fun
    - ■ Button GPIO code may be awkward (ie doing clock up only has to call to a function for whatever reason)
  - ○ Agustin
    - ■ -
  - ○ Trueman
    - ■ -