

Improved Salmon and Trout Egg Counter Weekly Progress Report

Report date: 5/22/2022

- **Last Week (time in hours)**

- Team Review
 - Worked in EPL on hardware mostly
- Sydney
 - Worked a ton in the EPL
 - Soldered buttons and wires and switches oh my!
 - User interface is almost done now including enclosure and waterproofing
 - Worked with sean on sensors and camera a bit
 - Worked on final report
- Sean
 - Modifying camera code to filter more accurately
 - Soldering buttons
 - Panicking
- Agustin
 - Started working on Poster
- Trueman
 - Modified B.oM. to final build

- **Next week**

- Team Plan
 - Finish Build
 - EPL meetings Monday, Thursday, & Sunday
- Sydney
 - Coming in tomorrow
 - Coming in thursday (asses if we need to meet friday)
 - Coming in sunday (assess if we need to meet Monday)
 - Will do bulk poster work week 10
 - Tomorrow
 - finish heat shrinking and waterproofing
 - Does sensor count correct? Set it in stone!!!
 - Test the user interface with the pi before mounting it
 - If UI is fine, mount it
- Sean
 - Use trigger to count since camera a bit too troublesome (trigger & lighting & detection just causing too many issues at this time)
 - Setup Light
 - Switching code to count with trigger (and mostly tweaking the trigger to the next dimension)
- Agustin

- Work on Final Report and Poster
 - Support team in person at the EPL
 - Trueman
 - Drill wire holes
 - Support team in person at the EPL
 - Double check prior documents to match our final build (usermanual)
- **Blocked**
 - Team Blocks
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 - Sydney
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 - Sean
 - Lighting is very finicky with the way the camera is done. Ie 60hz lighting & flashlights not being strong enough messes with the detection too much
 - Agustin
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 - Trueman
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