

Improved Salmon and Trout Egg Counter Weekly Progress Report

Report date: 1/16/2022

- **Last Week (hours spent)**

- Team Review
 - Met up to distribute STM32 MCU board
 - Met to discuss before 1 minute speech in class
 - Worked on block diagrams
 - Met to discuss Block diagram and edit
 - Team Roles:
Sean - camera information parsing
Sydney - UI/LCD screen/documentation
Agustin - microcontroller/motor
Trueman - Power
- Sydney
 - Block diagram, grabbed a board
- Sean
 - Camera research, block diagram
- Agustin
 - Met up with Curt to get boards and tour new designs
- Trueman
 - Found videos of similar fish counters

- **Next week**

- Team Plan
 - Email Curt with specific questions, nail down block diagram, get started on the PDS report
 - Preliminary Specific Parts Lists & Prelim Rough Timeline
- Sydney
 - Email John and ask for suggestions, then email Curt questions
 - Looking into the battery
- Sean
 - Figure Out Prelim Extra Parts Needed (i.e. DC-DC converters)
 - Looking into Segmentation
- Agustin
 - Schedule a time to visit facility and review old design
 - Start reading STM32 MCU user and programing manual
- Trueman
 - Look into ESP32 Camera

- **Blocked**

- Team Blocks
 - Need more information from Curt specifically on the block diagram
- Sydney
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- Sean
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- Agustin
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- Trueman
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