

Bait, Cast, Reel

A fishing-inspired Bop-It toy
10/24/2022

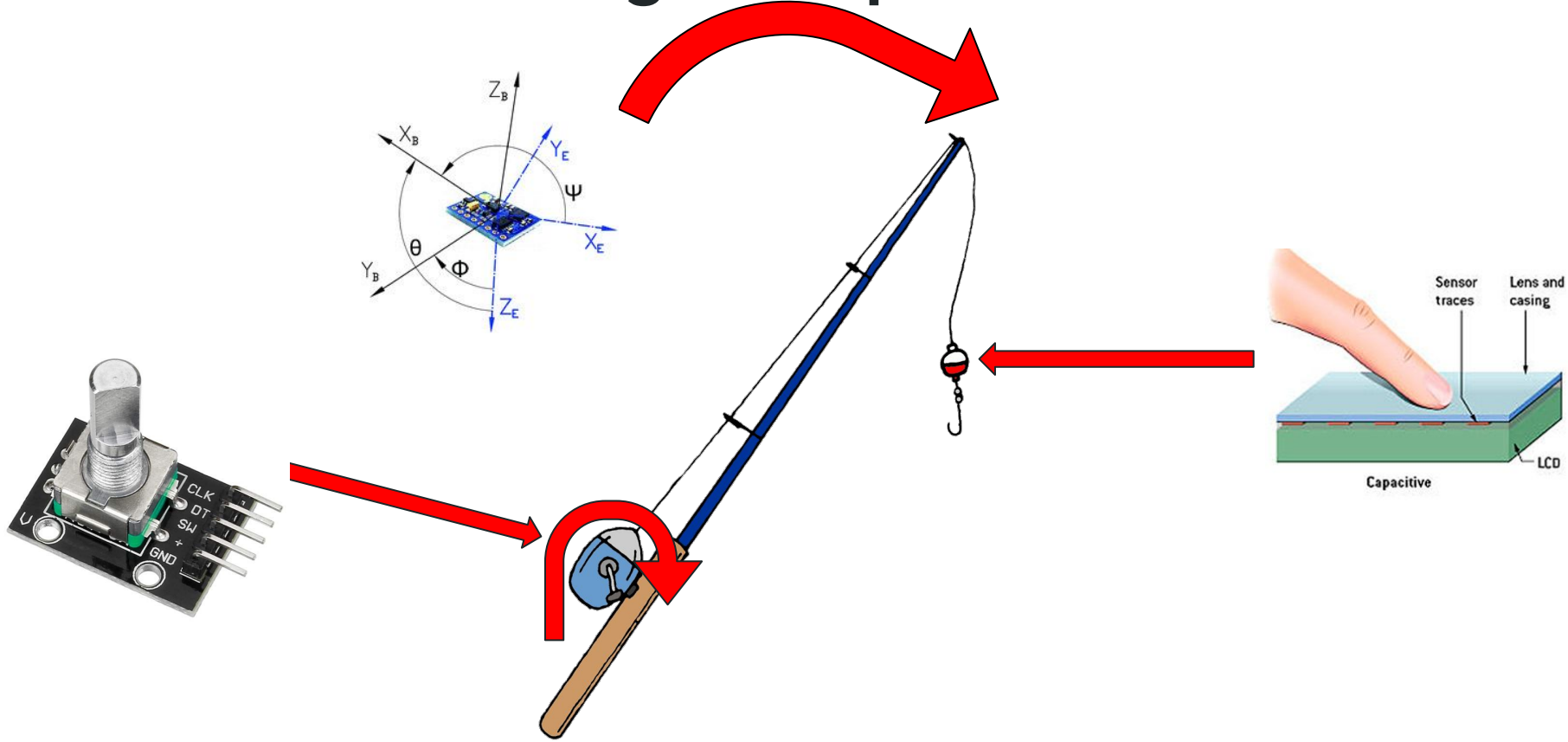
Team Omega: Mark Hofmeister, Maya Roman, John McDonough

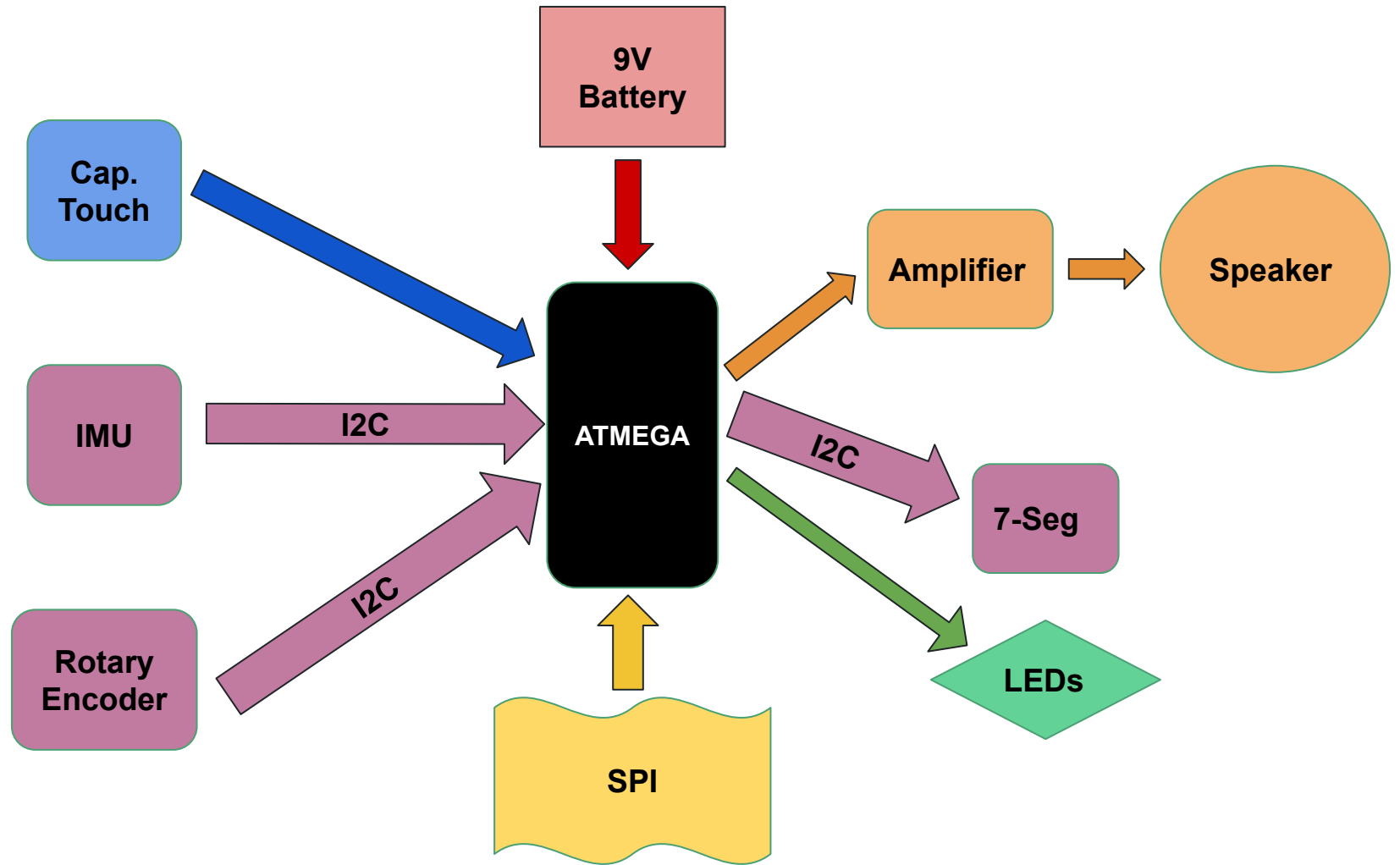




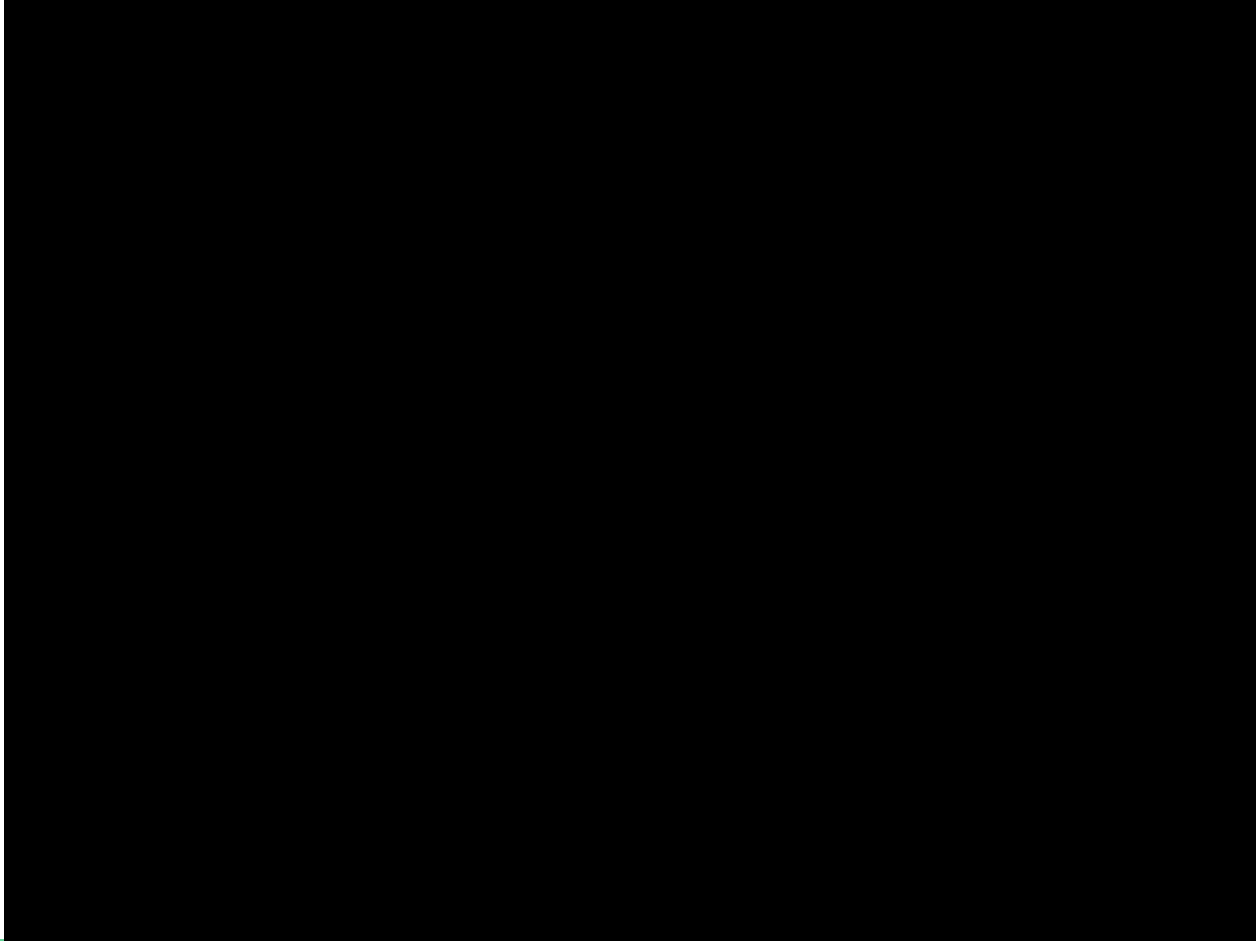


Tangible Inputs

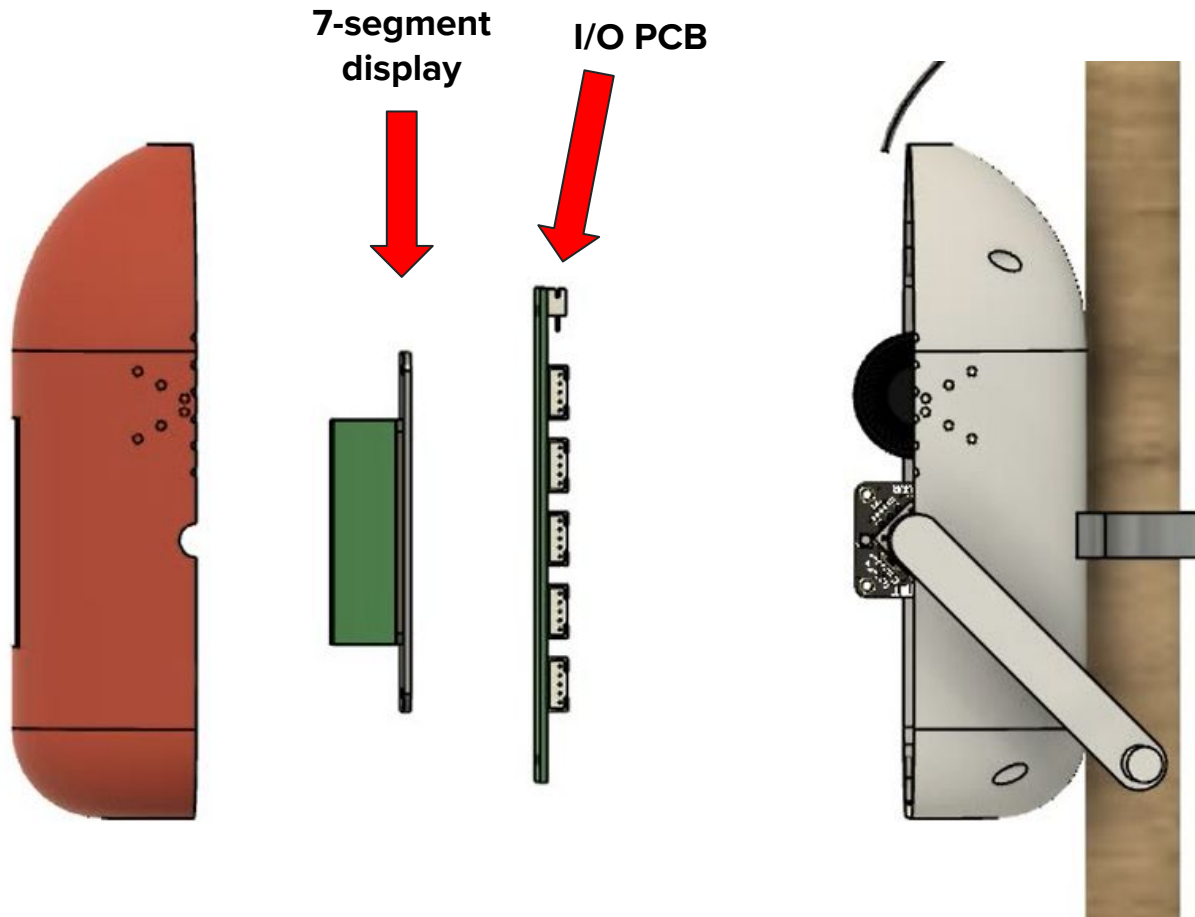




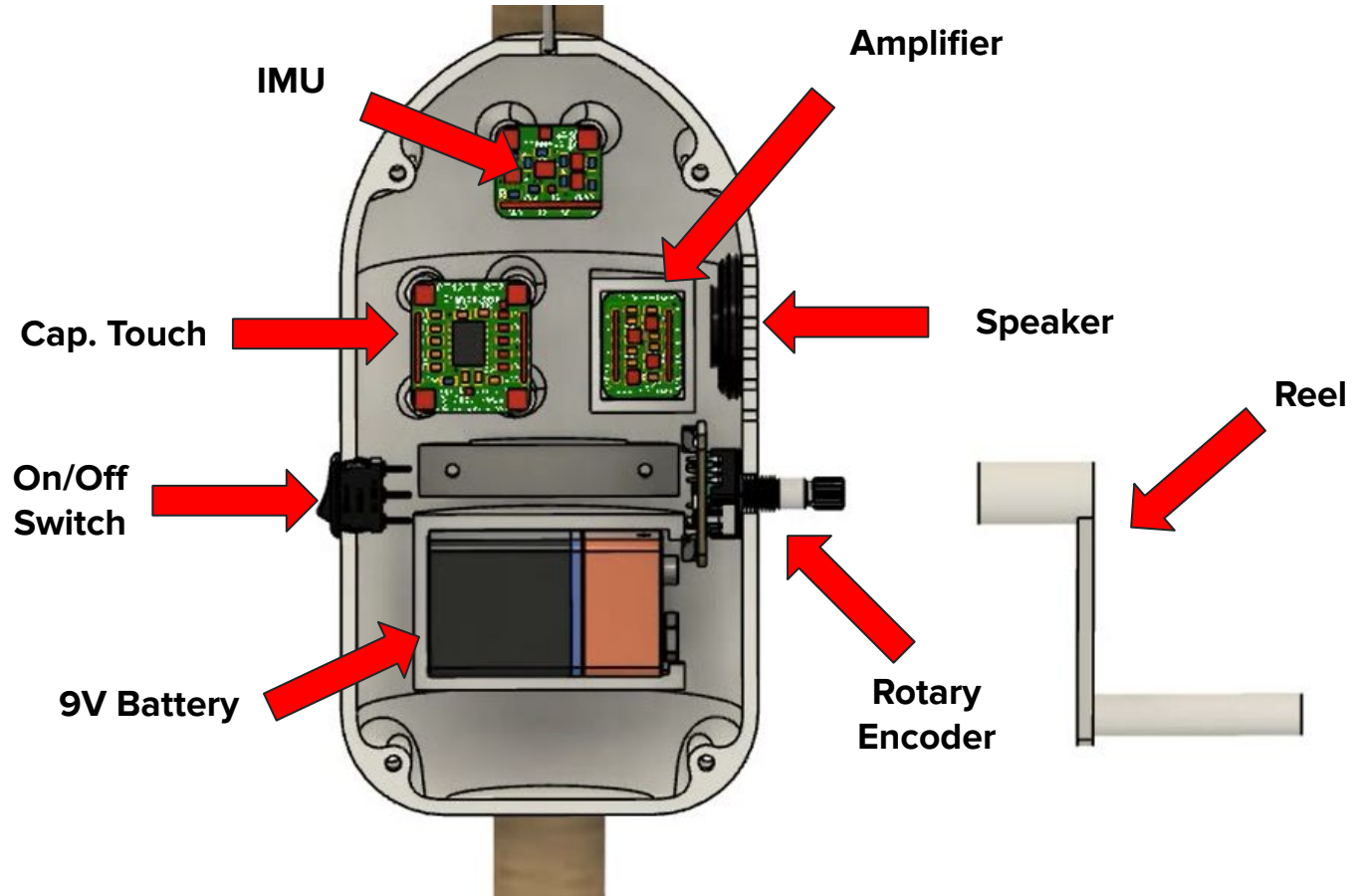
Mechanical Enclosure



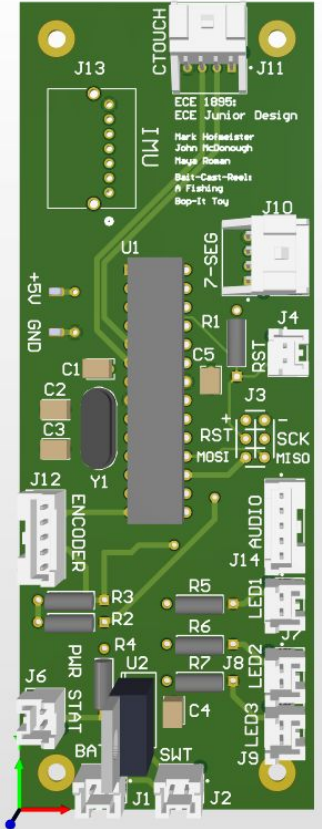
Mechanical Enclosure



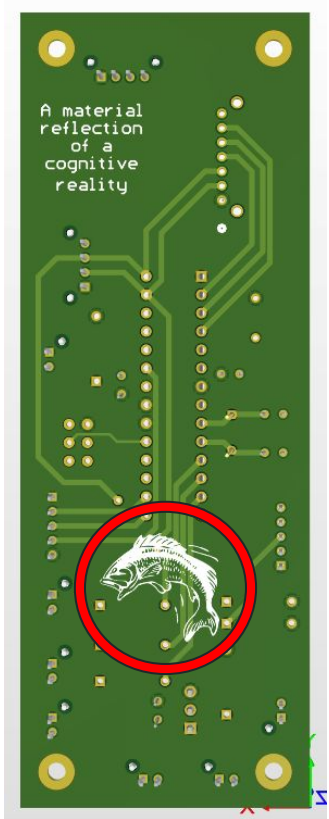
Mechanical Enclosure



PCB - 4-layer



Front



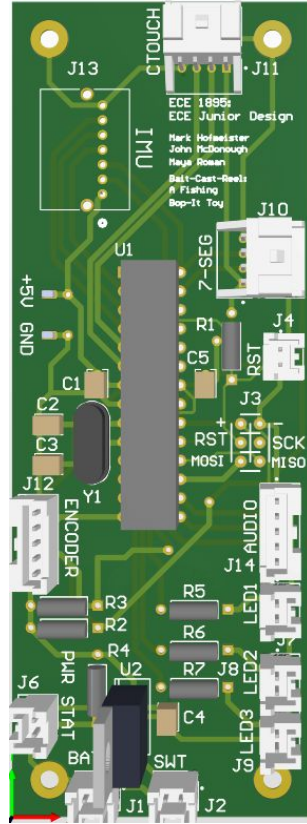
Back



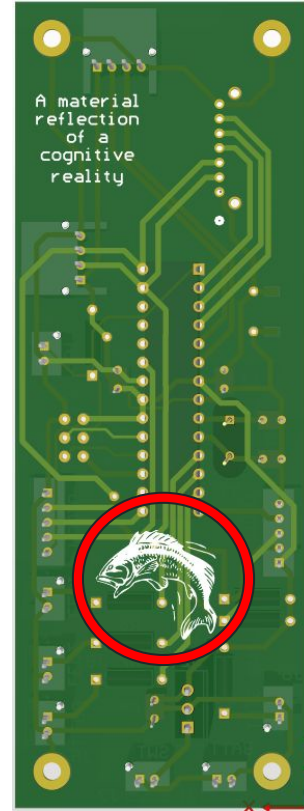
"No 4 layer
boards"

Team
Omega

PCB - 2 layer

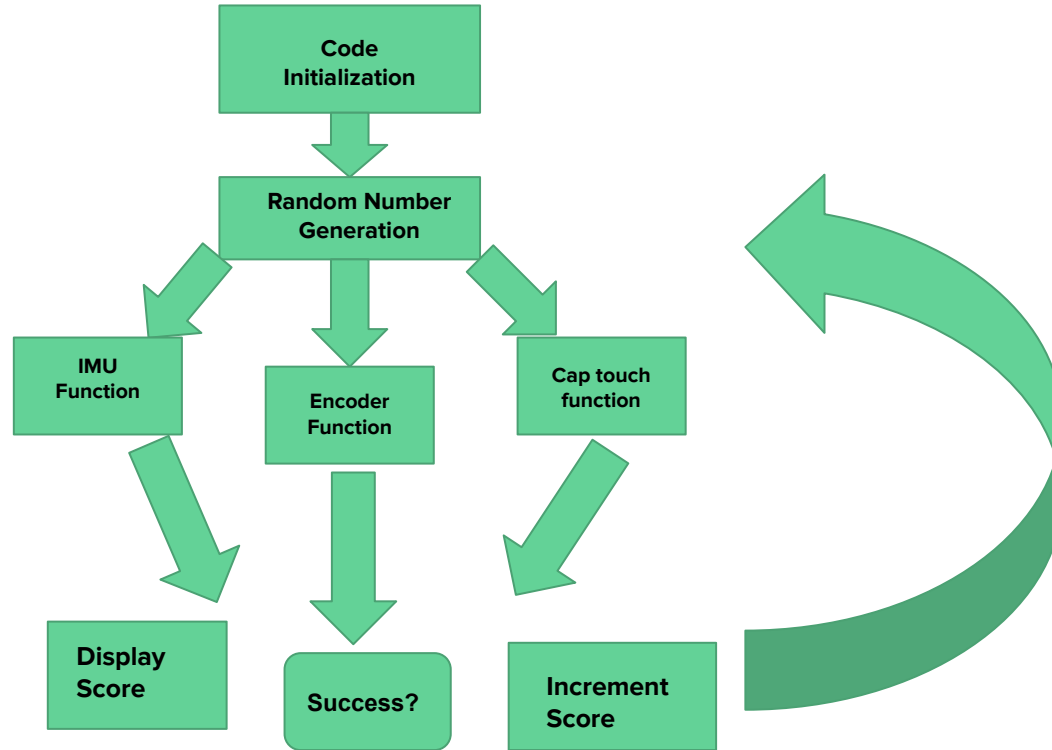


Front



Back

Code Flowchart



Next Steps

- Fabricate Housing
 - Print Enclosure
 - Laser cut auxiliary parts
- Write definitive software functions
- Solder & Assemble Board
- Test & Iterate