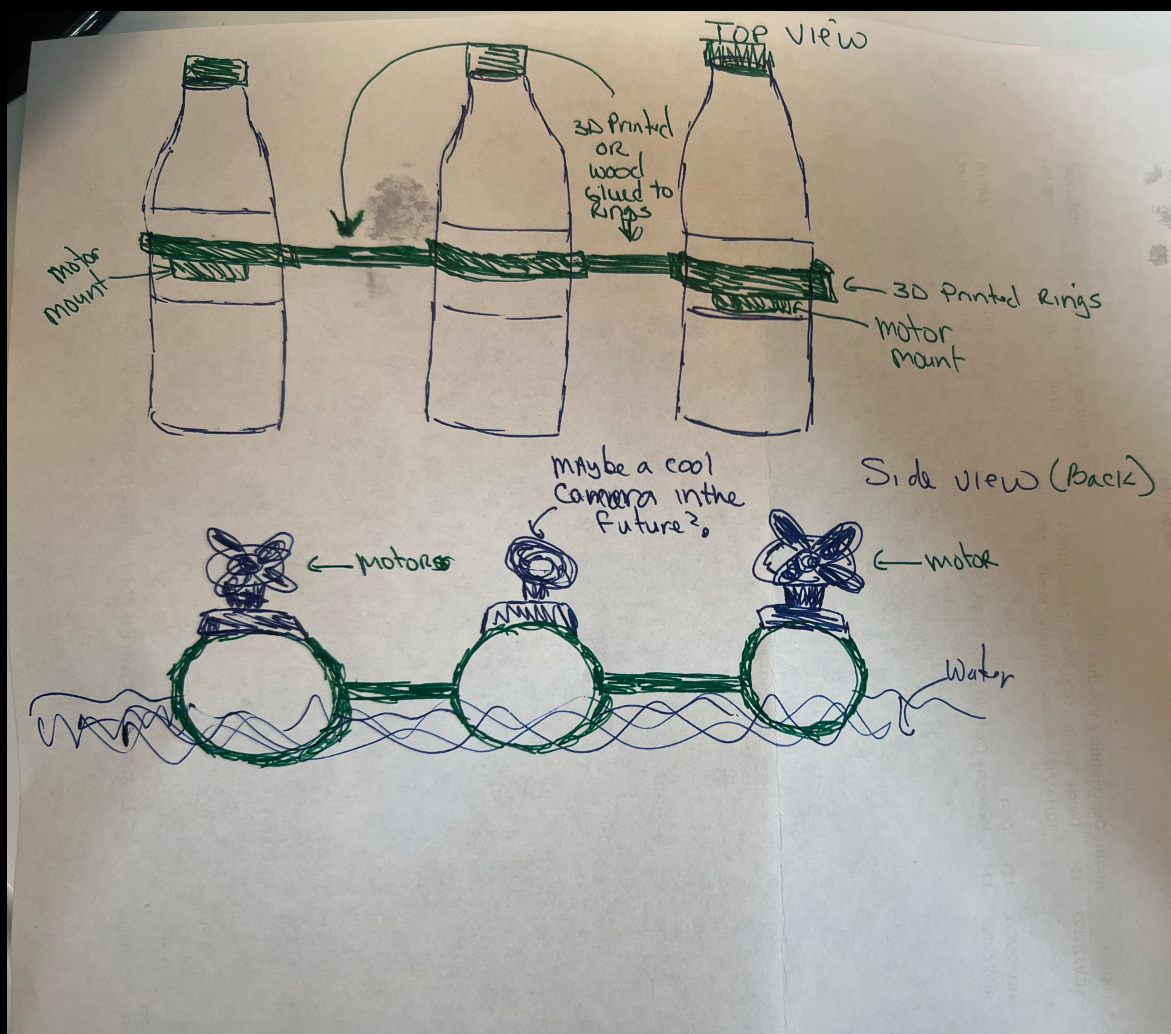


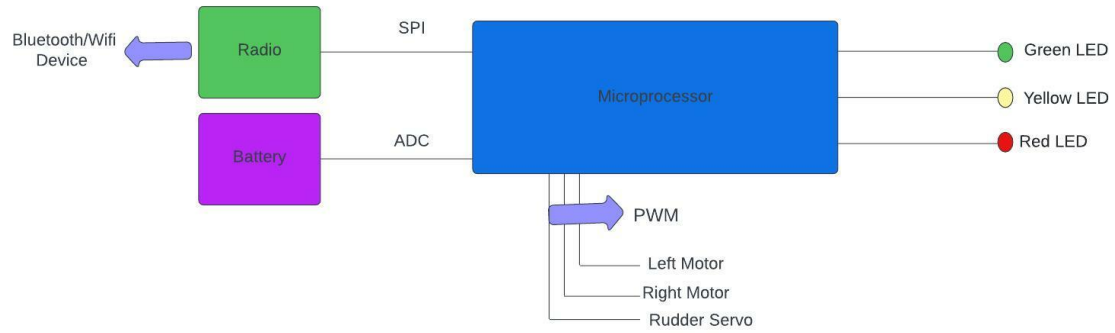
RC Plastic Soda Bottle Boat

The purpose of this system is for K12 students to create an inexpensive RC boat out of (3) empty plastic 20oz soda bottles. The three bottles are connected together with circular 3d printed parts (that fit around the bottles) to make a catamaran style craft and use any cheap motors available. The electronics (Put inside the center bottle) are meant to be affordable and possibly use any bluetooth or wifi device for control so that a separate remote control does not need to be developed. Many "remote control" applications exist for free on various tablets or phones, which would help the student to be able to use any cheap device available to them for control of the craft. No idea how the rudder would work yet (physical mounting).

Concept Drawing



Hardware Block Diagram



Software Diagram

