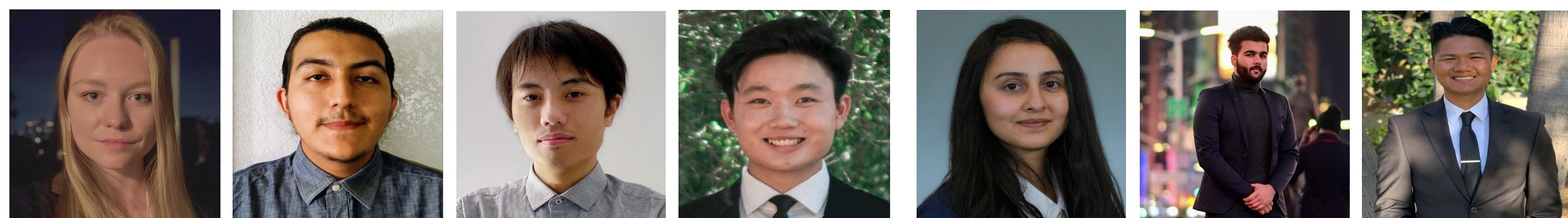


Company Sponsor



Company Liaisons: Pip Tompkin, Adam Gromfin, and Adam Sbeglia

New Future Team 2



Team Members (Left to Right): April Soares, David Vazquez Capiz, Haojun Chen, Long Lau, Mitasha Malhan, Praateek Parashar, and Edward Pedro

Faculty Advisors: Dr. Farzad Ahmadkhanlou and Dr. Vince McDonnell
Department of Mechanical and Aerospace Engineering

Background

The COVID-19 pandemic affects almost every aspect of our lives, and as a result there is a "new normal". To help make our transition into the future easier we have developed a consumer product that sanitizes surfaces to meet the demand for a cleaner environment.

Project Goal

To develop an autonomous robot that sanitizes surfaces.

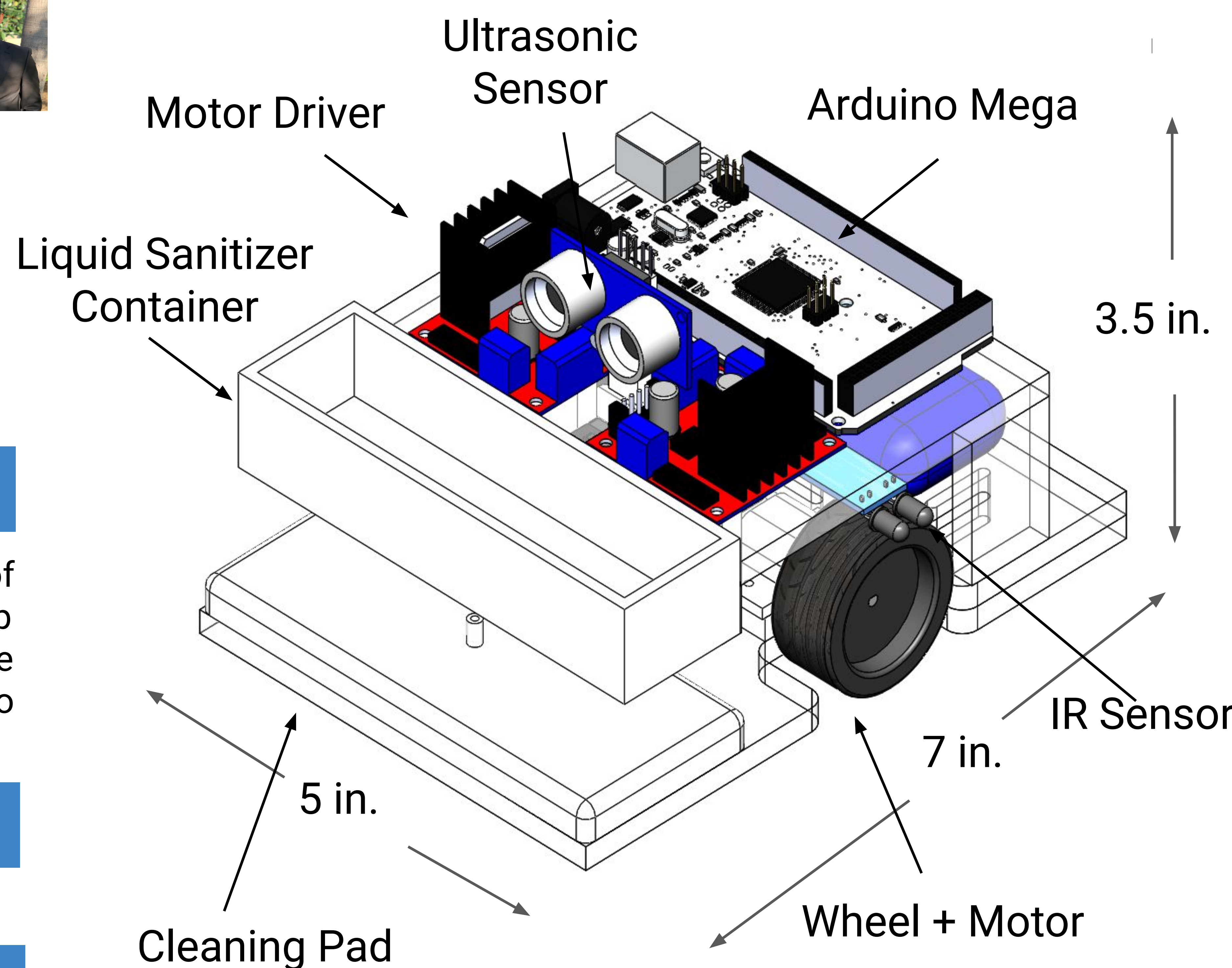
Current Status

We have an assembled and programmed prototype that is undergoing testing and analysis.

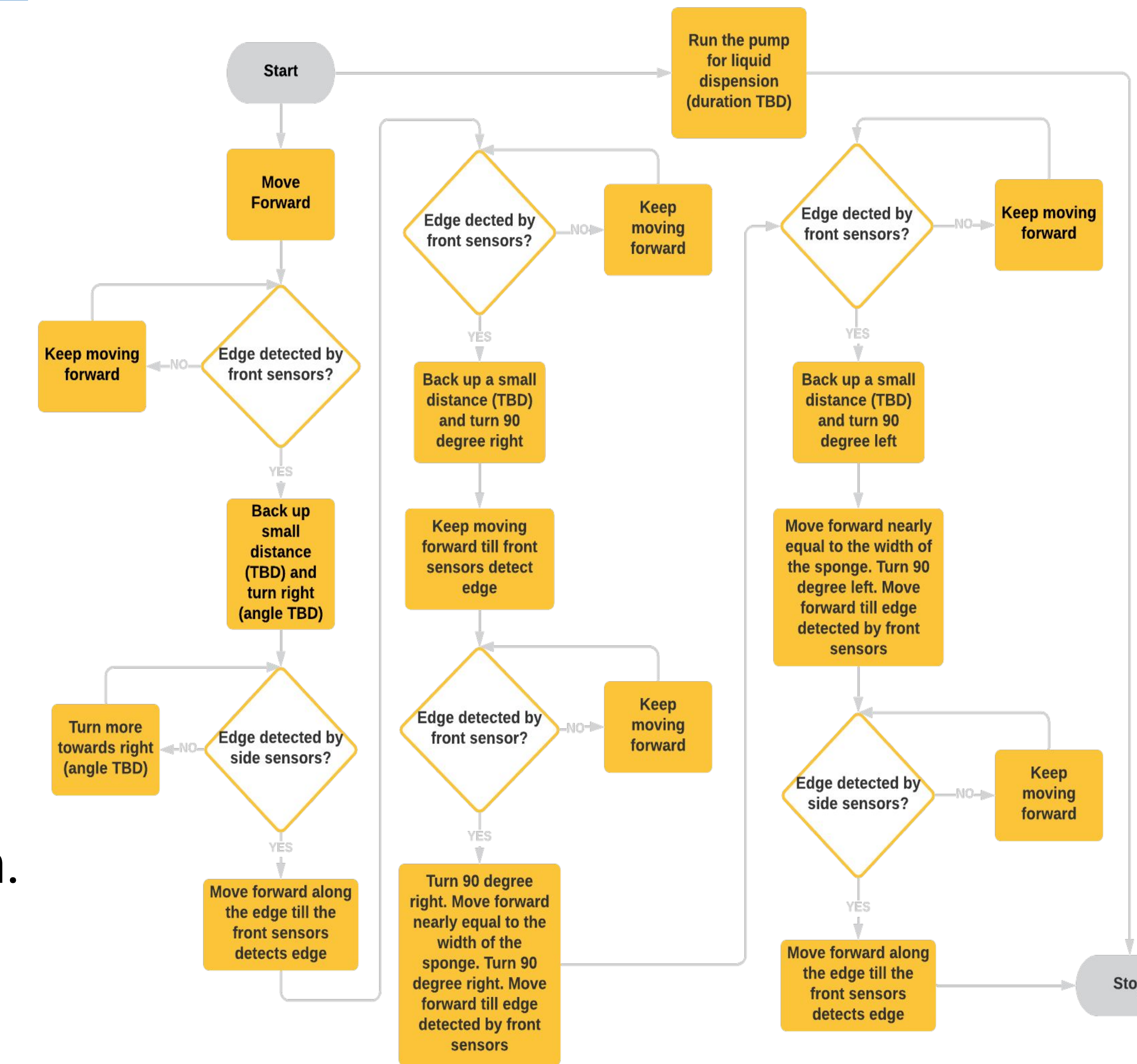
Future Work

We will continue the testing and optimizing phase of the design process. Design and create a wireless charging homebase for the robot.

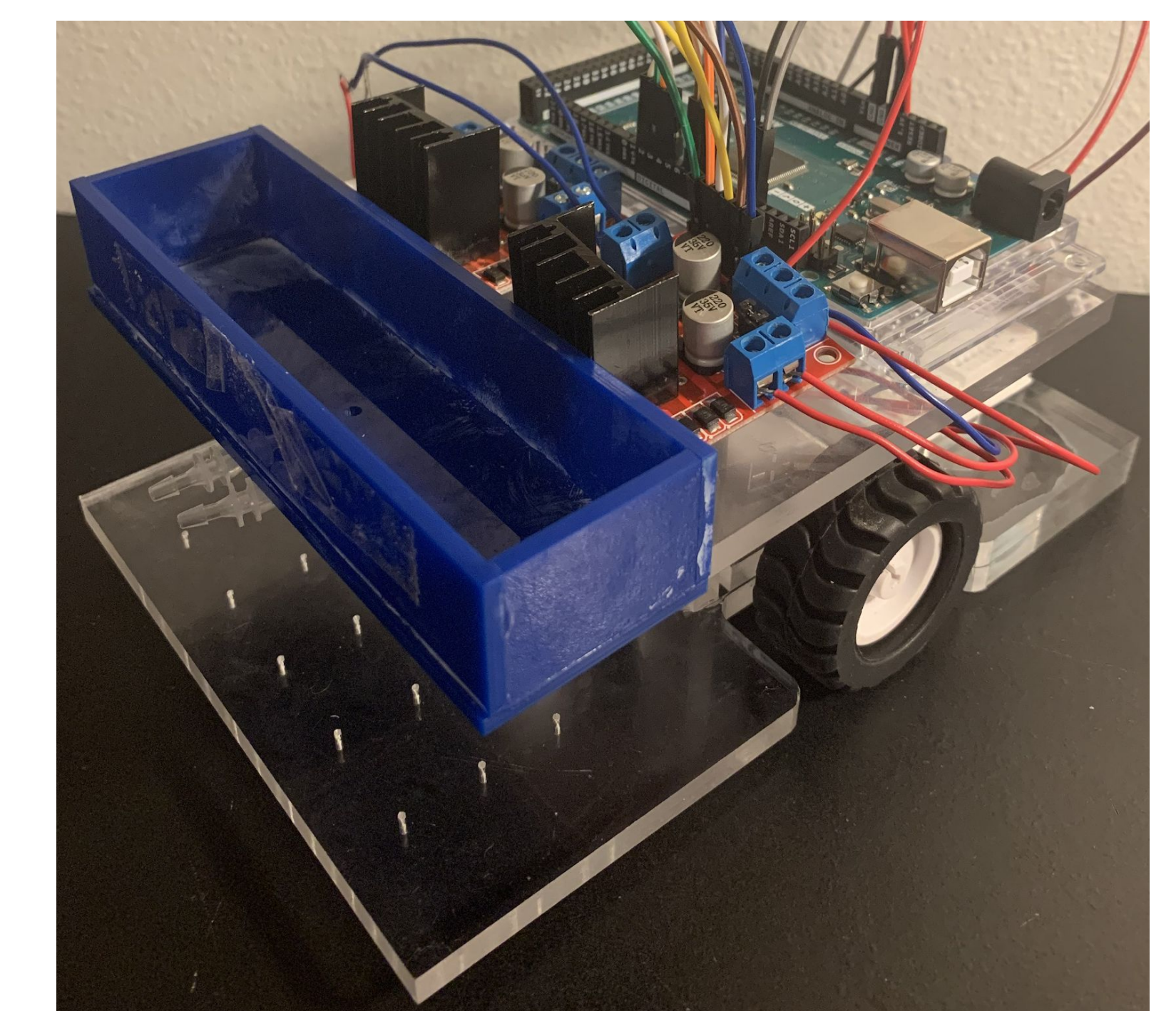
Current Design



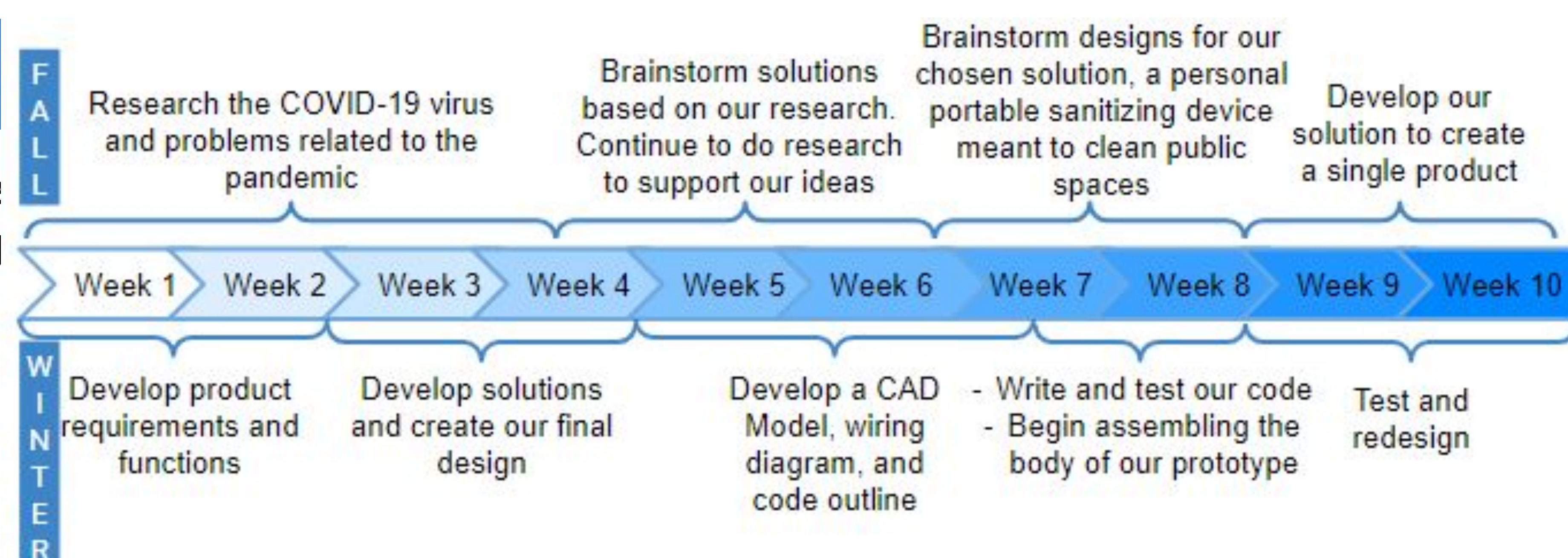
Code Flowchart



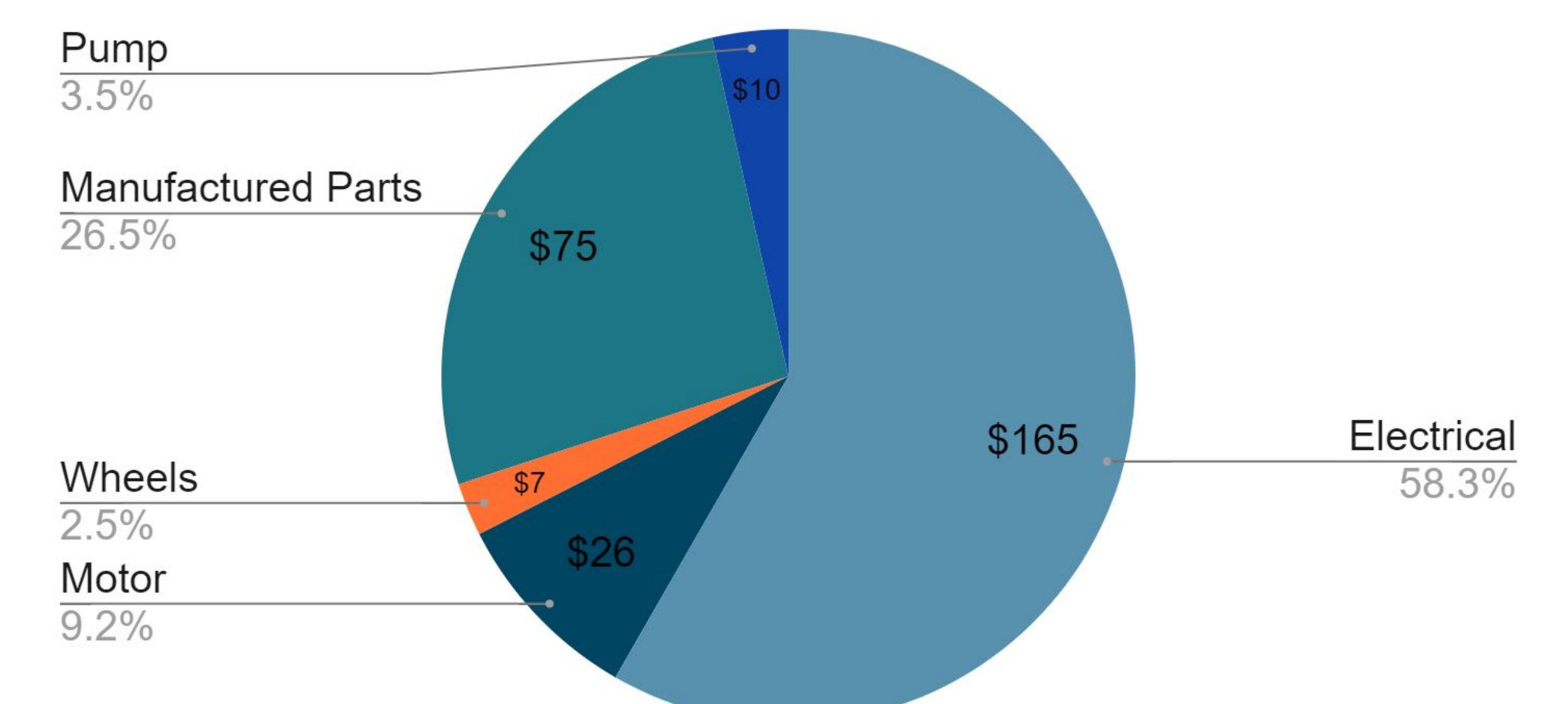
Built Prototype



Project Timeline



Prototype Budget (Dollars)



Project Website



Contact Information

Team Lead: April Soares (aprilns@uci.edu)