March 12th, 2024 Minutes

Check-In:

* CAD Model was completed and submitted yesterday
* BOM was completed and submitted
* Sorting system was created, based on Quinn’s servomotor idea

Goals for lab:

* Milestone 3 is biggest priority

1. Create code to run 4 motor drive (changed from 2 motors for stability and speed)
2. Figure out which parts to 3-D print first

* Figure out how to operate colour sensor, download template code, run it ect
* Create code for colour sensor and servomotor

Where Colour Sensor things go:

* Vin goes to 21
* GRN goes to ground
* 3V to 3V
* SCL to 48
* SDA to 47
* INT to 46
* LED to 14

Where Distance Sensor Things go:

* VCC goes to 5V
* GRN goes to ground
* Trig to 9
* Echo to 10

Lab Results/Conclusions:

* Since milestone 3 needs robot to be complete, the testing for each subsystem must be completed before submission
* Code for colour sensor and distance sensor successful, uploaded to git
* Bring more F-F wires