October 29, 2022

FOCUS

building (Group 1): We built a new chassi that is smaller, less chunky, and more stable

building (Group 2): intake with squishy wheels

coding (Group 1): Auton strategies for scrimmage

coding (Group 2): Configuration on Control and Expansion hub

coding (Group 3): Teleop and driving

business (Group 1): Merch planning, grants, vlogs

SUMMARY

building (Group 1): We built the new chassi with the same design used for the other robot.

building (Group 2): We started to make an intake with green squishy wheels, different from the intake on the other robot

coding (Group 1): Created a list of auton strategies ranked by plausibility. Included parking in terminal/substation (1) and pushing cones into terminal/substation then parking (2)

coding (Group 2): Wired control hub and expansion hub together. Also looked over wiring for other mechs in general (especially motors and servos). Created a configuration for the 2022-2023 season that accounted for all of our motors and servos in Control Hub and our arm in Expansion Hub

coding (Group 3): Tested teleop code and wrote code for the claw and the arm. Also did some driving practice

business (Group 1): I created a general merch sizing google form and Wildbots t-shirt. I also read over the business plan and adding the club head pictures and then filled out a grant applicaiton. I also made a general doc with all of our account logins and organized the vlogs into imovies so we can post them

CHALLENGES

building (Group 1): It was a relatively tedious process and we had to align many different parts. Additionally, the motors bump into each other due to excess gear boxes

building (Group 2): It was hard to figure out which parts we needed from the example photo

coding (Group 1): Not many challenges, just have to decide

coding (Group 2): Had some trouble finding the correct wiring settings and connecting the Expansion Hub

coding (Group 3): Had some trouble with the right claw's positioning. We also had a lot of trouble with the driving controls.

business (Group 1): We need to be diligent about making notes on the agenda doc! Also, I did not know the youtube login information until the very end so i couldn't post any vlogs

NEXT STEPS

building (Group 1): Adjust gear boxes so everything fits

building (Group 2): Finish attaching the servo to it and attach it to the arm

coding (Group 1): Present to rest of coding team. Developing driving auton, and if going wth strategy 2, arm auton.

coding (Group 2): Making sure our teleop is up to date

coding (Group 3): Fix claw code and driiving controls

business (Group 1): Vlogs! Finalize budget proposal,