

****EVERY DAY****

1. Today's Date, people in your group that are here
2. Complete your SCRUM. Write what you are working on.
3. Write what you got done.
 - a. Description, math equations, etc.
 - b. Pictures of your robot in process
4. Things you will do tomorrow and things you will do in the next week.
 - a. Problems that need to be overcome
 - b. Research that needs to be done
 - c. Resources that are needed

Team Lead - Coaches and motivates, deals with conflicts and lack of resources

Team members - engineers, creative team, designers

Product Owner - responsible for product vision and priorities

Today: 1/4/2022

ABSENT

Today: 1/5/2022

ABSENT

Today: 1/6/2022

ABSENT

Today: 1/7/2022

ABSENT

Today: 1/10/2022

ABSENT

Today: 1/11/2022 - NOT Absent

Today: 1/11/2022

Members: Anu, Jacob, and Rene

What we are working on:

Trying to finish the base off

What we got done:

We put together 4 of the wheels and attached it to the motors

Things to be done tomorrow:

Need to re-screw a metal piece to where the front 2 wheels aren't in contact with them

Things to be done in the next week:

We need to begin our Lift that carries the big blue goal (have to measure width of the goal)

Troubles we are having:

Realized we screwed a metal bar too close to the motor so the circumference of the wheel comes into contact with.

Today: 1/12/2022 - NOT Absent

Members: Anu, Jacob, and Rene

What we are working on:

Moving the metal piece to where it will not be in contact with the wheels

What we got done:

We moved the metal bar a couple holes down but the base as a whole is still off

Things to be done tomorrow:

Remodeling the base without any errors

Things to be done in the next week:

We need to begin our Lift that carries the big blue goal (have to measure width of the goal)

Troubles we are having:

We have to unscrew most of the robot to ensure we can put the motors and wheels in the right spots

Today: 1/13/2022 - NOT Absent

Members: Anu, Jacob, and Rene

What we are working on:

Unscrewing most of the robot because we made too many screwing errors

What we got done:

We put it back together and attached the brain near the back two wheels

Things to be done tomorrow:

Attach brain

Things to be done in the next week:

We need to begin our Lift that carries the big blue goal (have to measure width of the goal)

Troubles we are having:

Radio is placed in an awkward position where it will not screw tightly and is in the way of things

Today: 1/14/2022

ABSENT

Today: 1/18/22

Members Anu Jacob and Rene

What we are working on: Installing wheels and figuring out motors

What we got done: We attached all 4 wheels, motors, radio, brain, and some gears

Things to be done tomorrow: Monday we will begin putting the green gears in between the wheels for it to move better

Things to be done in the next week: We need to begin our scissor lift that carries the big blue goal

Troubles we are having: None

Today: 1/19/22

Members Anu Jacob and Rene

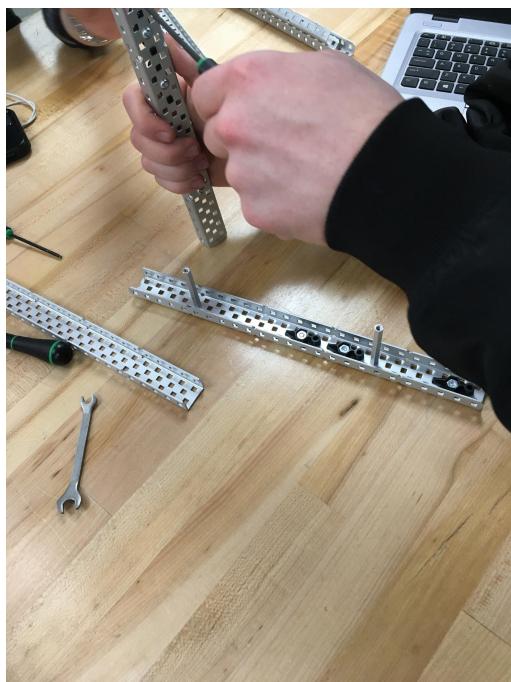
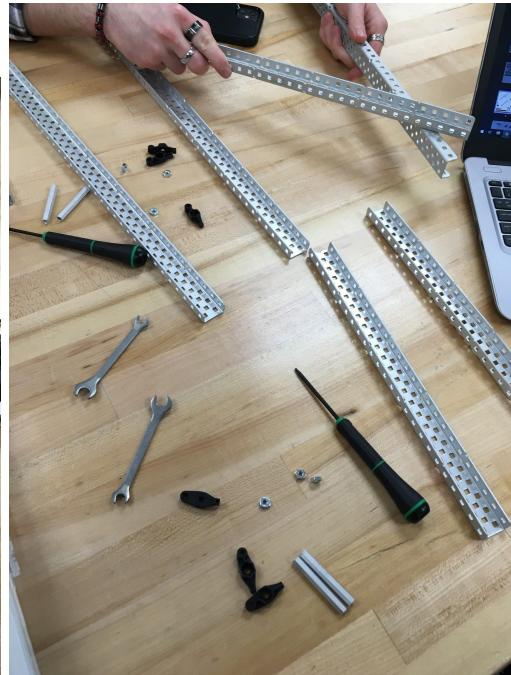
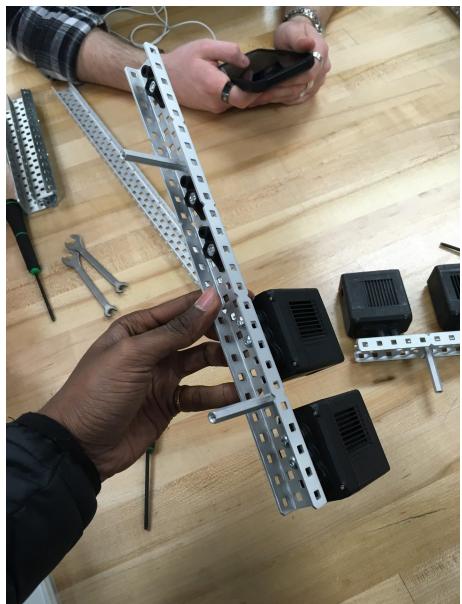
What we are working on: building the base of the claw and finishing up the actual base of robot

What we got done: Wired up the motors to the brain and tested them and the wheels to see if it functions correctly

Things to be done tomorrow: We will be starting to build the scissor lift

Things to be done in the next week: Finish assembling both parts and finish the robot

Troubles we are having: None



Today: 1/20/22

Members Anu Jacob and Rene

What we are working on: The lift and the claw

What we got done: Started the hand of the Lift. Got the wheels to rotate accordingly.

Things to be done tomorrow: We will keep working on the scissor lift

Things to be done in the next week: Finish the scissor lift and hopefully start testing our robot

Troubles we are having: Some motors were working when they weren't supposed to.

Today: 1/21/22

Members Anu Jacob Rene

What we are working on: The lift and the claw

What we got done: We finished building the arm for the claw and adjusting some problems the lift had with the gears and motors

Things to be done tomorrow: We will keep working on the scissor lift if we do not finish today
Things to be done in the next week: Finish the scissor lift and hopefully start testing our robot
Troubles we are having: None

Today: 1/24/22

Members Anu Jacob Rene

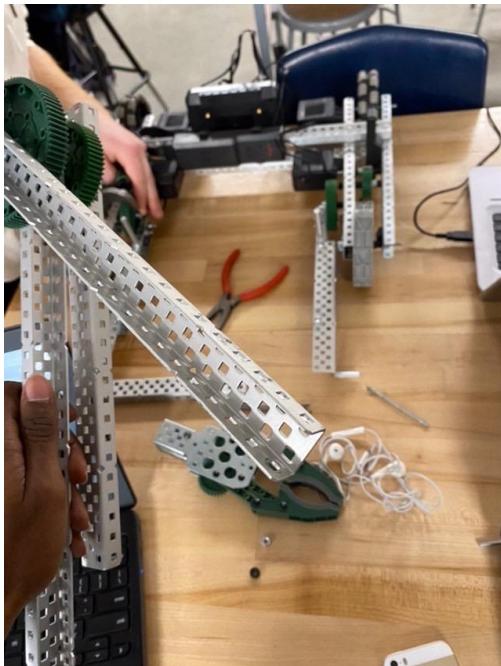
What we are working on: The lift and the claw

What we got done: forklift test run, Added bearings to axels of gears and wheels, Changed motor for forklift

Things to be done tomorrow: We will keep working on the scissor lift if we do not finish today

Things to be done in the next week: Finish the scissor lift and hopefully start testing our robot

Troubles we are having: Screwing issues



Today: 1/25/22

Members Anu Jacob Rene John

What we are working on: The lift and the claw

What we got done: Adding second forklift to bot, Make adjustments to gear, Test run

Things to be done tomorrow: We will keep working on the scissor lift if we do not finish today

Things to be done in the next week: Finish the scissor lift and hopefully start testing our robot

Troubles we are having: Gears were too loose to lift the goals efficiently

Today: 1/26/22

Members Anu Jacob Rene John

What we are working on: The lift and the claw

What we got done:Created a new design for forklift and planned the addition of the claw and positioning

Things to be done tomorrow: We will keep working on the scissor lift if we do not finish today

Things to be done in the next week: Finish the scissor lift and hopefully start testing our robot

Troubles we are having: None

Today: 1/27/22

Members Anu Jacob Rene John

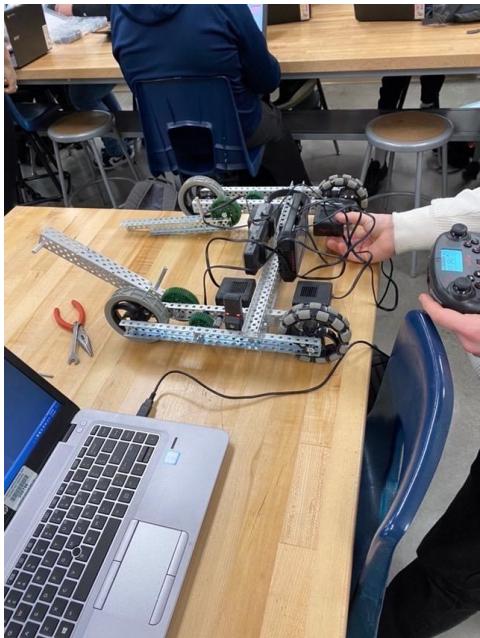
What we are working on: coding of the robot

What we got done: Programming motor and forklift controls

Things to be done tomorrow: Focus on actual testing day and work

Things to be done in the next week: competition day

Troubles we are having: None



Today: 1/28/22

Members Anu Jacob Rene John

What we are working on: battle day, placement of the battery and brain change because we need to attach the actual claw

What we got done: Downloaded the autonomous code. Also reconfigured the brain and the remote because we had placed the motors in different places rather than what it already had.

Things to be done tomorrow: focus on keep fixing problems that showed up on competition day

Things to be done in the next week: fix problems for competition day 2

Troubles we are having: None



Today: 1/31/22

Members Anu Jacob Rene John

What we are working on: Attachment of the claw and changing of wheels to add more traction for next battle day

What we got done: Had 5 rounds in the VEX competition and was successful without carrying around the big goals

Things to be done tomorrow: Fix problem that makes purple rings get stuck somewhere in the robot

Things to be done in the next week: Not completely sure yet, fix troubles to prepare for Competition day 2

Troubles we are having: Two big tires in the back had too much traction and spun in the same direction without moving the robot (when we had the goals picked up). Every round, we had some build errors with the gears being too loose and not centered. We replaced them with the bigger, green tires.



Today: 2/1/22

Members Anu Jacob Rene John
ABSENT (soccer game)

Today: 2/2/22

Members Anu Jacob Rene John
What we are working on: Finish claw attachment and keep testing robot with purple rings problem
What we got done: We configured motor 10 to the claw and configured motor 4 to the arm.
Things to be done tomorrow: Slow down the fall of the claw by adding some rubber bands
Things to be done in the next week: Not completely sure yet, fix troubles to prepare for Competition day 2
Troubles we are having: Arm of the robot smashes down really quickly when not being controlled by the remote because there is not a lot of friction.

Today: 2/3/22

Members Anu Jacob Rene John
What we are working on: Add some tension to the robot's claw because it falls too hard
What we got done: We attached the end of the claw arm and put on the gear to make it move as well as attaching the motor to make it work
Things to be done tomorrow: Add a stopper in the back because it almost killed jacob today
Things to be done in the next week: Not completely sure yet, fix troubles to prepare for Competition day 2
Troubles we are having: None

Today: 2/4/22

Members Anu Jacob Rene John

What we are working on: Slowing down the claw and adding a stopper to the back of it so it doesn't swing back

What we got done: Finished re-programming autonomous period and tested out the program

Things to be done tomorrow: Focus on competition day and test our robot and the claw monday

Things to be done in the next week: Not completely sure yet, fix troubles to prepare for

Competition day 2

Troubles we are having: None

Today: 2/7/22

Members: Anu Jacob Rene

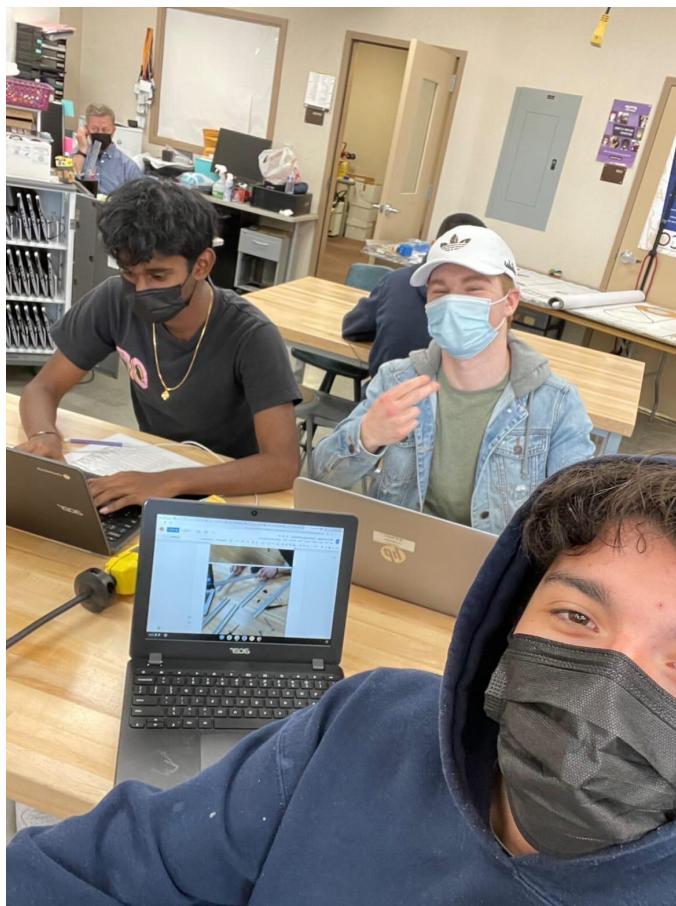
What we are working on: Reconstruction of Notebooks by adding media, and detailed information

What we got done: Reconstructing and finishing the notebook to hopefully improve grade in grade book. Reflection of what to do and what not to do based on mistakes done in the past.

Things to be done tomorrow: Test robot on track

Things to be done in the next week: Prepare for Competition day #2

Troubles we are having: None



Today: 2/8/2022

Members: Anu, Jacob and Rene

What we are working on:

- Making changes to the robot for better results in the competitions

What we got done:

- Added weight (extra wheels) to the back of the robot to turn better in the competition

Things to be done tomorrow:

- Continue making fixes to the robot

Things to be done in the next week:

- Work on our portfolio

Troubles we are having:

- None

Today: 2/9/2022

Members: Anu, Jacob and Rene

What we are working on:

- Showed Focus on College and Career students what we worked on

What we got done:

- We talked about the Pathway and how our experience was

Things to be done tomorrow:

- Work on portfolio

Things to be done in the next week:

- Work on Portfolio

Troubles we are having:

- None

Today: 2/10/2022

Members: Anu, Jacob and Rene

What we are working on:

- Adding extra curriculars to my portfolio. Also mentioned my involvement in competitive soccer for numerous years.

What we got done:

- Finished a part of my portfolio

Things to be done tomorrow:

- Continue on working on the Portfolio

Things to be done in the next week:

- Continue on working on the Portfolio

Troubles we are having:

- None

Today: 2/11/2022

Members: Anu, Jacob and Rene

What we are working on:

- Trying to complete my portfolio.

What we got done:

- I added my first experiences in computer science.

Things to be done tomorrow:

- Continue on working on the Portfolio

Things to be done in the next week:

- Continue on working on the Portfolio

Troubles we are having:

- None

Today: 2/12/2022

Members: Anu, Jacob and Rene

What we are working on:

- Completing the Portfolio

What we got done:

- I added my experience in the C++ coding language in the 2018 Sac State Coding Camp.

Things to be done tomorrow:

- Continue on working on the Portfolio

Things to be done in the next week:

- Continue on working on the Portfolio

Troubles we are having:

- None

Today: 2/15/2022

Members: Anu, Jacob and Rene

What we are working on:

- Completing the Portfolio

What we got done:

- I added my experience in VEX Robotics in the 2019 camp also at Sac State.

Things to be done tomorrow:

- Continue on working on the Portfolio

Things to be done in the next week:

- Continue on working on the Portfolio

Troubles we are having:

- None

Today: 2/16/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Completing the Portfolio

What we got done:

- I mentioned taking Coding with Robotics and Exploring Computer Science courses I took in 10th grade.

Things to be done tomorrow:

- Continue on working on the Portfolio

Things to be done in the next week:

- Continue on working on the Portfolio

Troubles we are having:

- None

Today: 2/17/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Completing the Portfolio

What we got done:

- I mentioned my involvement in AP Comp Sci Principles and Principles and Design of Cyber Systems

Things to be done tomorrow:

- Continue on working on the Portfolio
- Things to be done in the next week:

- Continue on working on the Portfolio

Troubles we are having:

- None

Today: 2/18/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Completing the Portfolio

What we got done:

- I finished my portfolio

Things to be done tomorrow:

- Work on the autonomous challenges

Things to be done in the next week:

- Start Autonomous challenges

Troubles we are having:

- None

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Today: 2/22/2022

ABSENT

Today: 2/23/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Challenge 1 in the autonomous code

What we got done:

- Completing the first step of Step 1 of Challenge 1 (turning right). We used the code ("Drivetrain.turnFor(right,12,degrees);")

Things to be done tomorrow:

- Continue on working on challenge 1

Things to be done in the next week:

- Complete all autonomous challenges

Troubles we are having:

- Trials in autonomous code

Today: 2/24/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Challenge 1 in the autonomous code

What we got done:

- Completing task 2 of Challenge 1. We used the code "Drivetrain.(forward, 106, inches)" and used different numbers to see the correct distance to drive forward and push the red goal

Things to be done tomorrow:

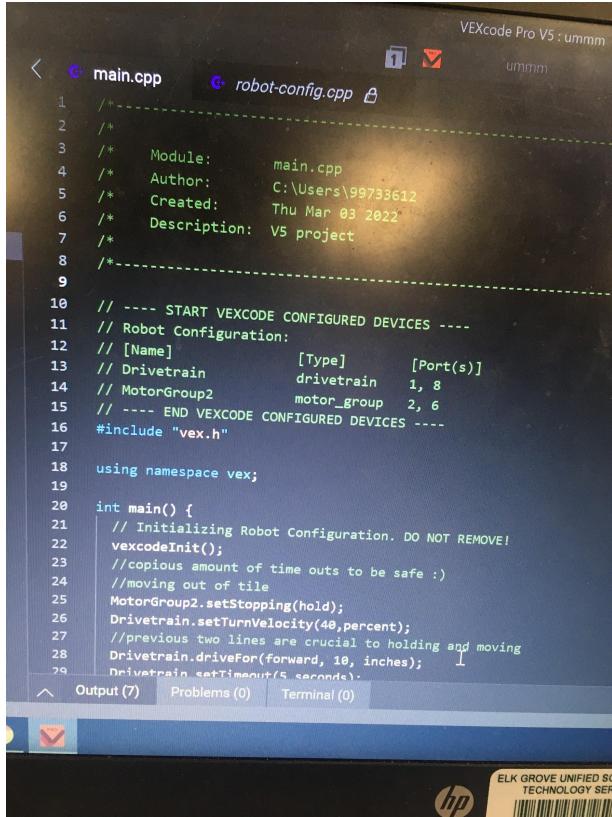
- Continue on working on challenge 1

Things to be done in the next week:

- Complete all autonomous challenges

Troubles we are having:

- Trying to find the right distance to push the red goal



```
VEXcode Pro V5 : ummm  
< main.cpp  robot-config.opp  
1  /*  
2  *  
3  *  Module:      main.cpp  
4  *  Author:       C:\Users\99733612  
5  *  Created:     Thu Mar 03 2022  
6  *  Description: V5 project  
7  */  
8  /*-  
9  *-  
10 // ---- START VEXCODE CONFIGURED DEVICES ----  
11 // Robot Configuration:  
12 // [Name]           [Type]      [Port(s)]  
13 // Drivetrain       drivetrain   1, 8  
14 // MotorGroup2      motor_group  2, 6  
15 // ---- END VEXCODE CONFIGURED DEVICES ----  
16 #include "vex.h"  
17  
18 using namespace vex;  
19  
20 int main() {  
21     // Initializing Robot Configuration. DO NOT REMOVE!  
22     vexcodeInit();  
23     //copious amount of time outs to be safe :)  
24     //moving out of tile  
25     MotorGroup2.setStopping(hold);  
26     Drivetrain.setTurnVelocity(40,percent);  
27     //previous two lines are crucial to holding and moving  
28     Drivetrain.driveFor(forward, 10, inches);  
29     Drivetrain.setTimeout(5, seconds);  
}  
Output (7) Problems (0) Terminal (0)
```

Today: 2/25/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Finish Challenge 1 in the autonomous code

What we got done:

- We finished Challenge 1 and Task 3. We used the code “Drivetrain.driveFor(reverse, 30, inches);”

Things to be done tomorrow:

- Work on Challenge 2 with John and Anu

Things to be done in the next week:

- Work on Challenge 2 with John

Troubles we are having:

- None

Today: 3/1/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Make changes to portfolio because I had the wrong idea and basically did it all wrong

What we got done:

- Portfolio

Things to be done tomorrow:

- Portfolio

Things to be done in the next week:

-

Troubles we are having:

-

Today: 3/2/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Portfolio

What we got done:

- Portfolio

Things to be done tomorrow:

- Portfolio

Things to be done in the next week:

-

Troubles we are having:

-

Today: 3/3/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- Portfolio

What we got done:

- Finished Portfoli

Things to be done tomorrow:

- Portfolio

Things to be done in the next week:

-

Troubles we are having:

-

Today: 3/4/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- We are going to use wheels and the ring to campaign for Anu's election (senior governor)

What we got done:

- We made a video with the wheels arranged to say "Vote for ANU"

Things to be done tomorrow:

- Help finish challenge 2 in the autonomous code

Things to be done in the next week:

- Help finish challenge 2 in the autonomous code

Troubles we are having:

-



Today: 3/7/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- We are trying to finish challenge 2 in the autonomous code for Anu and John

What we got done:

- We put rubber bands over the wheels instead of changing the wheels because it is more time efficient and helps with turning

Things to be done tomorrow:

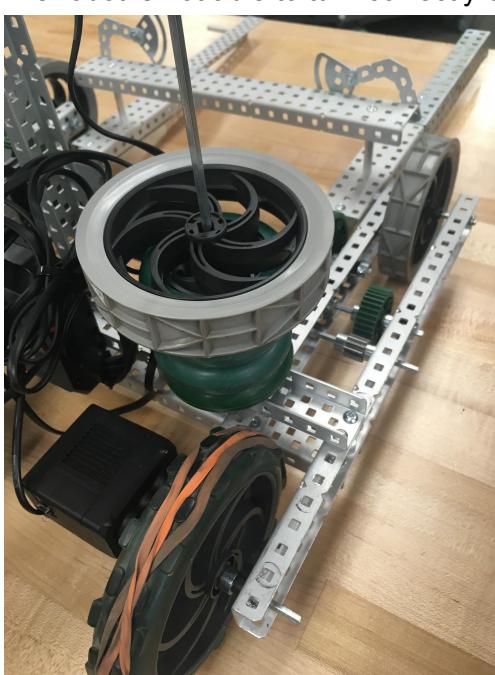
- finish challenge 2 in the autonomous code

Things to be done in the next week:

- Spring Break

Troubles we are having:

- The robot is not able to turn correctly because of the traction in the wheels



Today: 3/8/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- We are trying to finish challenge 2 in the autonomous code for Anu and John

What we got done:

- We were able to successfully finish the task after school after completing many trials

Things to be done tomorrow:

- Prepare the robot for the last competition

Things to be done in the next week:

- Spring Break

Troubles we are having:

- Some parts of the robot are loose after numerous hits from the walls of the ring



Today: 3/9/2022

Members: Anu, Jacob, Rene, and John

What we are working on:

- We are having our last competition today.

What we got done:

- We won $\frac{3}{4}$ competitions and went to the finals round and lost 66-80.

Things to be done tomorrow:

- Complete the portfolio and github

Things to be done in the next week:

- Spring Break

Troubles we are having:

- None