Robotics Club Meeting: April 4,2019: Today I presented the lineFollower program, active and passive detection, and how the accelerometer collision doesn’t work.

We then went over the remaining tasks, to be checked in with me and finished April 18th. The goals and teams are:

Wireless: Get the Wemos D1 chip to drive the robot and

Talk the computer- Matt and Jacob

Collision Detection: Investigate the different ways we have to tell if the robot is colliding, and recommend one for match play and automatic reset.

Reset: Allow the robots to reset automatically after a match- Jacob

Evolution: Write the function that maps sensor input to output: Joy and Matt.

<https://stackoverflow.com/questions/1965249/how-to-write-a-java-enum-like-class-with-multiple-data-fields-in-c>

April 9 2019 11:30 AM: I experimented with using Enums in c++ to define drive functions, but it was too complicated. I think a better way to make wait until functions will be to extend the dricehield and lineshield class and use pointers like in driveshield.

Ian will work on collision detection on Thursday

Matt and I are getting wemos set up

<https://www.instructables.com/id/Programming-the-WeMos-Using-Arduino-SoftwareIDE/>

<https://www.youtube.com/watch?v=IQVKGAU8jcA>

<https://cyaninfinite.com/getting-started-with-the-wemos-d1-esp8266-wifi-board/>