Project spyn: Implementation 5

**Group Members: Nicolette, Ian, Quan Le, Christian**

**What we plan to do:**

Today, we plan to work on the following thing/s:

* Test the robot in the maze.
* Make sure all aspects of the robot are working.
* Fix the things that need to be fixed.

**What We did:**

During the lab we tested the robot in the maze to see how it would respond and to check if the code was working properly. Once we tested everything we took note of what was not working properly and went back in to fix the imperfections. After that we went back to the maze and tested the robot again and continued to test the robot until we found the correct code to get the robot to respond correctly. We also tested the robot to see if there was a need for the gyro sensor. As it stands right now, there is no clear need for a gyro based on the accurate rotation of the robot. More tests in the maze need to be conducted in order to further determine this. At the end of the lab, we worked on the implementation.

**What we will do next:**

Next we plan on running a test again to make sure the robot is responding properly and the code is working. During these tests, we plan to check if the robot’s rotation goes too far out of the expected range in order to determine if a Gyro is needed.

**Agenda:**

| Weeks | Date | Monday | Wednesday | Legend |
| --- | --- | --- | --- | --- |
| 1 | 10/17 |  | Build robot | Completed |
| 2 | 10/24 |  | going straight/ ultrasonic Sensor | In Progress |
| 3 | 10/31 | Manual Control/ claw control/ drop off | Turning/ Touch sensor | Incomplete |
| 4 | 11/07 |  |  | Undetermined |
| 5 | 11/14 | going straight with color / color sensor | Calibrate/Read Gyro Sensor |  |
| 6 | 11/21 | Touchup/ Final testing | Touch up/ backup day |  |
| 7 | 11/28 | Touchup/ Final testing | Class demonstration |  |

**Schedule adjustments:**

No Schedule adjustments; on schedule.