Project spyn: Implementation 4

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

**What we plan to do:**

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

* Making the robot go straight and sensing color
* Having the robot pause for a certain amount of time when it senses color
* Switching all the MoveMotors to MoveMotorAngleRel and getting the robot to respond

**What We did:**

During the lab Christian and Ian started working on the color sensor but ended up having to fix the coding because the robot was not responding. Nicolette and Quan started working on getting the robot to turn to a certain degree but ended up needing to help fix the code to get the robot to respond. Once we got the robot to respond we tested to see if the robot would move the distance we needed it to. At the end of the lab Nicolette started working on the implementation.

**What we will do next:**

Next we need to test if the robot can sense color and pause for the amount of time needed. We also need to test to see if the full coding works and the robot will respond as needed, doing the turns and pauses at the right times.

**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 |  | going straight with color / color sensor |  |
| 5 | 11/14 |  | 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.