

Project spyn: Implementation 6.5

Group Members: Nicolette, Ian, Quan Le, Christian

What we plan to do:

Today we plan to do the following things

- Fine tune the the project code
 - Correct the robots checking state and state switching mechanics
 - Fix the issue with the clutch not fully setting. This doesn't divert full power to the other wheel.
- This will ideally allow for our robot to correctly navigate the maze

What We did:

Made proper rotating and checking adjustments in order to better improve our robots ability to survey the area and perform the correct action based on the previous action, and its surroundings. We also adjusted the clutch in order to allow the robot to turn left more efficiently (previous issue where the robot used to do a half turn).

What we will do next:

Further refinement of the code will be done to make the robot operate more efficiently. Some refinement involves the order of checking walls. As it's set up now, the robot checks for a wall forward then the right wall. This order will be switched around for more efficiency.

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	Turning/ Touch sensor	Incomplete

		control/ drop off		
4	11/07			Undetermined
5	11/14	going straight with color / color sensor	Calibrate/Read Gyro Sensor	Omitted
6	11/21	Touchup/ Final testing	Touch up/ backup day	
7	11/28	Touchup/ Final testing	Class demonstration	

Schedule adjustments:

No need to make schedule adjustments, using final days to clean up the code and the mechanics in order to allow the robot to run more smoothly.