Work Report – January 2020

Date submitted: 31st Jan 2020   Name:
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1. Robocon 2020

1) Line Follower
   - Collaborated with Mechanical subsystem to make a temporary mount for the LSA08
   - Successfully tested the LSA and applied some minor adjustments to make sure that the bot-base does not drift.

ISSUES FACED

1) Initially the base seemed to drift quite a bit. I realized that it would be fixed after you mount the IMU (taking yaw values) and apply PID. I made some minor adjustments in my code to overcome the issue
2) I was trying to align the base with the ball using Ultrasonic sensors. But a problem arose during implementation due to the irregular shape of the rugby ball and also the sensor timing (going out of range) out a lot.

2. Coursera progress

1) Python – Data structures
   https://www.coursera.org/account/accomplishments/records/SEGRGPSNMSRS
2) Python – Class and Inheritance
   https://www.coursera.org/account/accomplishments/records/LDUPKC47NZAN