**MOBILE ROBOTICS**

**PROJECT: WALL FOLLOWING ROBOT**

**SUBMITTED BY:**

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To execute the simulations, you need the following:

* ROS Noetic
* Python 3
* Gazebo simulator
* Turtlebot3 packages

**HOW TO RUN:**

source ./catkin\_ws/devel/setup.bash

roslaunch wall\_following\_robot <launch\_file\_name>.launch

roslaunch wall\_following\_robot <launch\_file\_name>.launch x\_pos:=<x\_coordinate> y\_pos:=<y\_coordinate> z\_pos:=<z\_coordinate>

roslaunch wall\_following\_robot single\_uniform\_letter\_b\_world.launch

rosrun wall\_following\_robot follow\_wall.py

**DIRECTORY STRUCTURE:**

