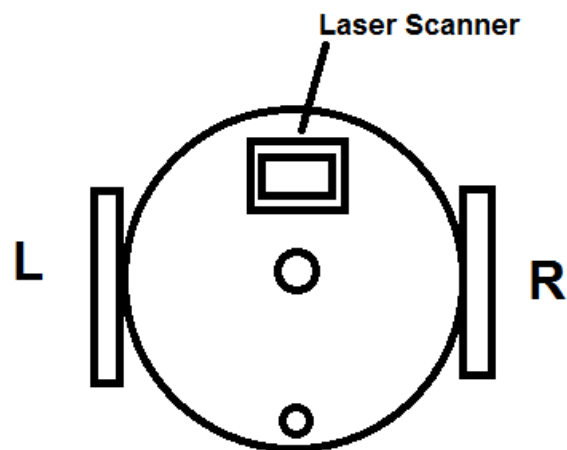


Assignment: Obstacle Avoidance using ROS and Gazebo



1. Create a URDF model of the above differential drive robot
2. Simulate the designed robot in Gazebo
3. Add Laser scanner on the top of the robot
4. Create a ROS node to perform obstacle avoidance using the values from the laser scanner.