Amy Inoa, Jelissa Reyes, Rahfat Chowdhury

Professor Gil Eckert

CS 104

Test Plan

Reason for Test Case	*Test Date*	*Expected out come*	*Observed Output*	*Staff Nam*	*Pass/Fail*
Testing for speed and timing for the first leg of the zig zag	12/1	Robot went in a straight line and did not collide with the glass bottle	Robot went straight and did not hit the glass bottle	jelissa	pass
Testing the speed and seconds for the first into second leg of the zig zag	12/1	Robot should go in a straight line and then turn the corner avoiding the glass bottle	Robot completed the first leg, but collided with the second glass bottle	jelissa	Fail
Testing first and second leg with more accuracy on aim	12/1	Robot should go in a straight line then turn the corner avoiding glass bottle	Robot went in a straight line then turned the corner with no collision	Amy	pass
Testing if robot completes zig zag portion of course	12/1	Robot should go in a straight line then turn the first corner avoiding the glass bottle, and then turn the second corner without collision	Robot collided with the second bottle and stopped	rahfat	Fail
Testing increasing the second for the 2nd and 3rd leg of the zig zag, and as well as angle change of the first corner	12/1	Robot should go in a straight line then turn the first corner avoiding glass bottle, and then turn the second corner	Robot turned the first and second corner without collision with a change of angle on the first corner to 93 degrees	Amy	pass

			without collison		
Testing the speed of which the robot had to get to go over the binder	12/1	Robot should complete zig zag and then roll over binder	Robot completed a zig zag and rolled over the binder successfully	jelissa	pass
Testing seconds and angle of which the robot had to continue to move after landing off the binder	12/1	Robot should land off the binder and roll to the corner, and turn and roll straight knocking over the pins	Robot landed off the binder and rolled to the corner where it turned at a correct angle and went straight knocking over some of the "pins".	rahfat	pass
Testing full course to see if it will complete course successfully	12/1	Robot should complete full course successfully	Robot completed full course successfully, knocking over all pins except for 1.	Jelissa	pass