Nicholas Magnemi

Friday, April 12, 2019

Requirements Exercise 1

For the Capstone project I will program my scribbler to complete the maze with its various obstacles in the proper order and directions. First my Scribbler must pass through every box in the maze and must go around the ‘square’ at least 4 times. Using the scribbler’s proximity sensors, it will determine when to turn while navigating the square. The scribbler must go to the dead end before traversing the square for the first time. The scribbler must enter the dead end moving forward, then circle and leave going forward. The scribble must go to the “T” turn right, then left, and then go straight though. The last thing is for the scribbler to go to the ‘parking lot’ and stay for at least 5 seconds before backing out.

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