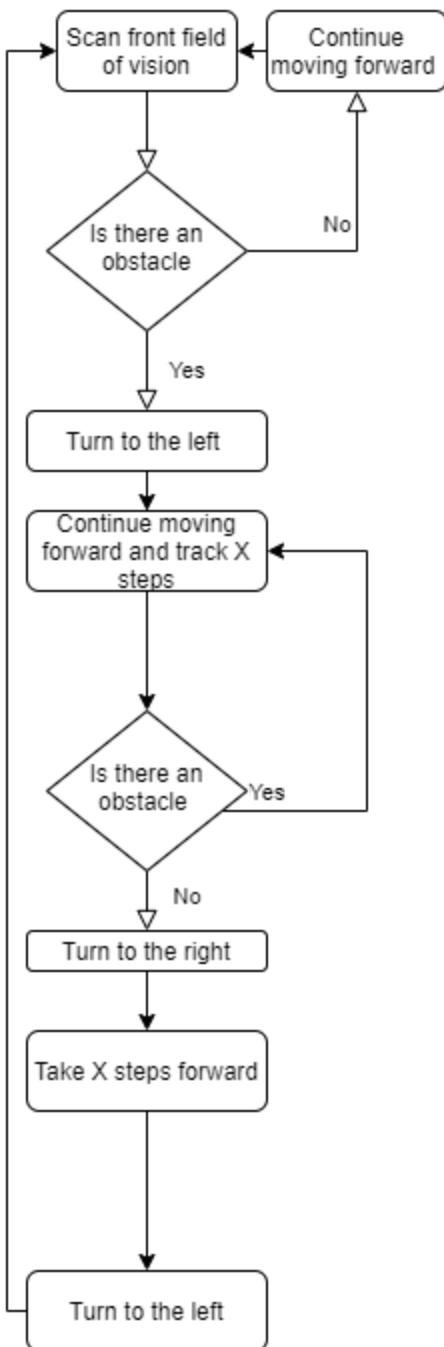


Name Of Piece	Definition/purpose	Input/Output
Core Robot PI	To send and receive signals in order to control the system. Controls all servos and sensors.	INPUT & OUTPUT Sources - Ultrasonic sensor - IN - Servo Motor -OUT
Wheel Servo Motor	Receives a flow of electricity to spin causing the system to move.	INPUT Sources - Core Robot PI - IN
Sensor Swivel Servo	Receives a flow of electricity in order to turn allowing the sensor to be moved so it can scan.	INPUT Sources - Core Robot PI - IN
Ultrasonic Sensor	Sends out a high frequency signal and detects objects and distance by the signal being returned.	INPUT & OUTPUT Sources - Core Robot PI - IN - Ultrasonic sensor - IN - Core Robot PI - OUT

LEADER



FOLLOWER

