**Control project**

Group 5

**Sensors**

1. I suggest using 2 ultrasonic sensors for measuring distance and avoid obstacles in front of car

Then take an action by turning back or taking any another direction

Comment: How to make The Car take a decision of the direction of motion?  
and where are the 2 sensors fixed in the Car?

1. I also suggest using ir sensors double transmitters & receivers for more accurate readings for our

line following tracking but I guess it will be much better if we made this double ir sensor module

without buying it as it will be low cost in addition to being able to form it’s dimensions and shape as we wish

Comment: Good Job.

**motors**

1. I searched a lot about how to use different mechanisms for directions control in our car

And it seemed useless and would take a lot of time for 3d printing ….etc

so I prefer to use 4 dc motors fixed to the body and wheels but I have to say also that it will be

tiring to calibrate their speed together and to measure it

Comment: In my opinion 4 motors are too many to satisfy our need.  
we can make a drive line mechanism using servo.

Your Research not completed D: