Obstacle Avoiding Robot

The project is to design and implement an obstacle avoiding robot, which senses obstacle and changes direction, using Arduino Uno.

Requirements:

Tinkercad simulator.

Program the Ardunio to sense the presence of obstacle.

Actuate motors correspondingly.

Display the action taken.

Design and simulate the circuit using Tinkercad.

Submit the following in 31 days, from the day of receiving the assignment.

These are to be present in your zipped folder.
1. Report
2. PPT
3. Code
4. Recorded Presentation Video (Not exceeding 6 minutes)

Report Format:

Abstract

Table of contents

Introduction

Methodology

Implementation Details

Conclusion

References

The codes are to be zipped in a folder with a presentation video and uploaded to the drive or sent to mail (electromotiveclub@gmail.com)