



AUTOMATIC OBSTACLE AVOID ROBOT

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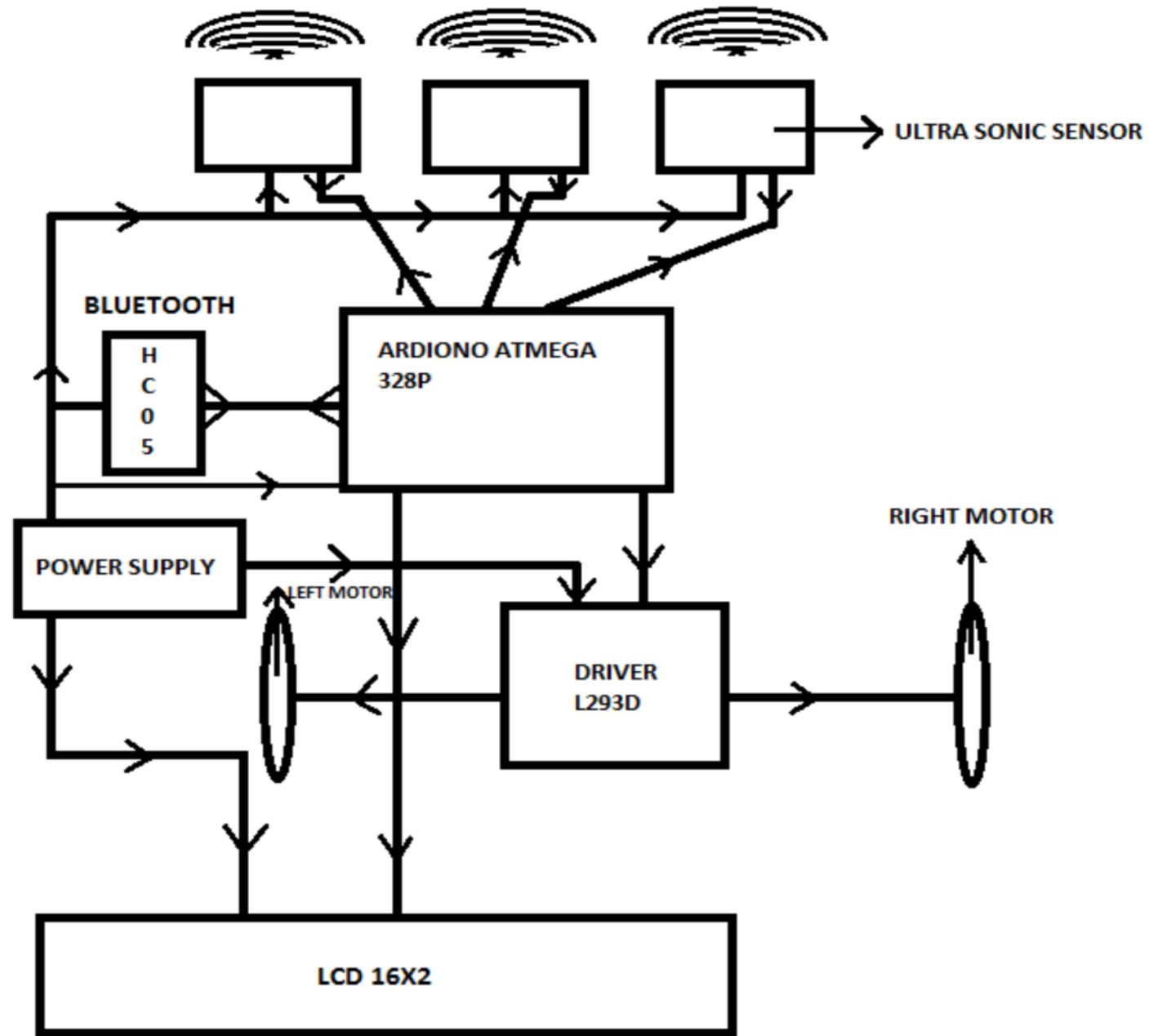
GUIDED BY:

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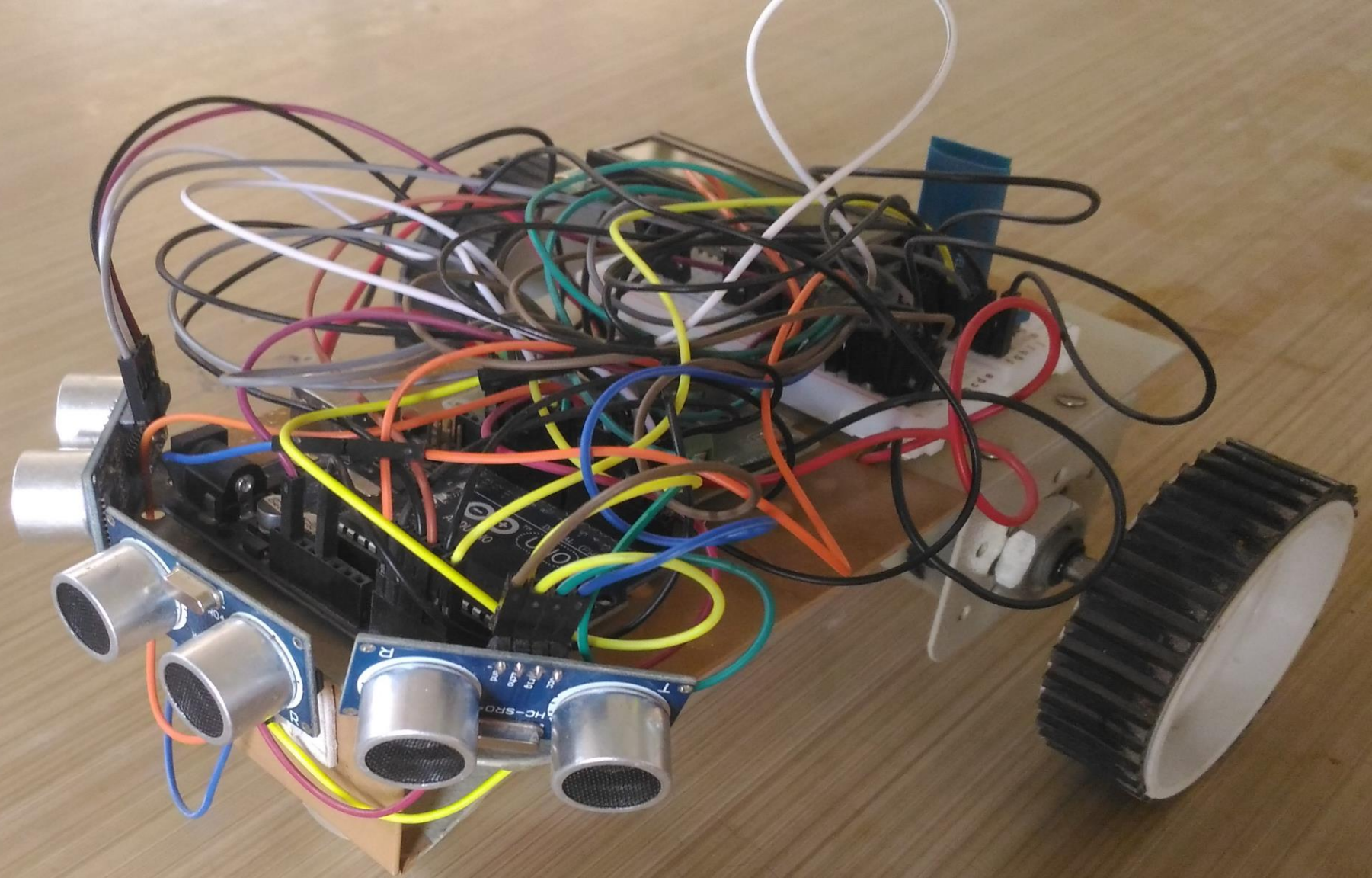
INTRODUCTION

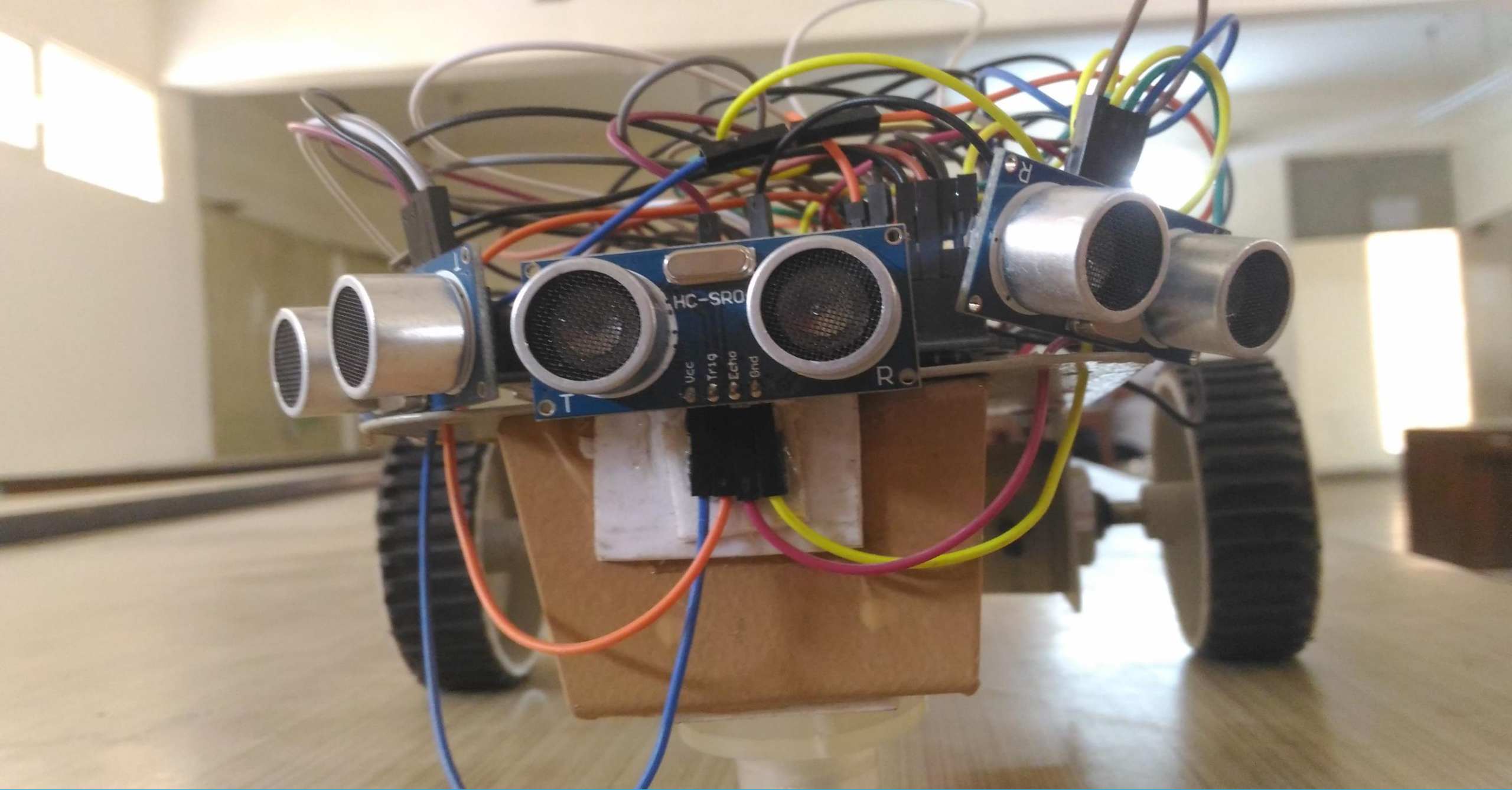
- This is an **A**utomatic **O**bstacle **A**void **R**obot.
- Includes
 - 3 sensors
 - Bluetooth
 - 16x2 LCD
 - 2 Geared Motor
 - Arduino
- It's just a simple robot which moves in two mode AUTOMATIC and MANUAL.
- In MANUAL mode it is controlled by android app.
- In AUTOMATIC MODE it moves automatically just by taking values from ULTRASONC SENSOR.

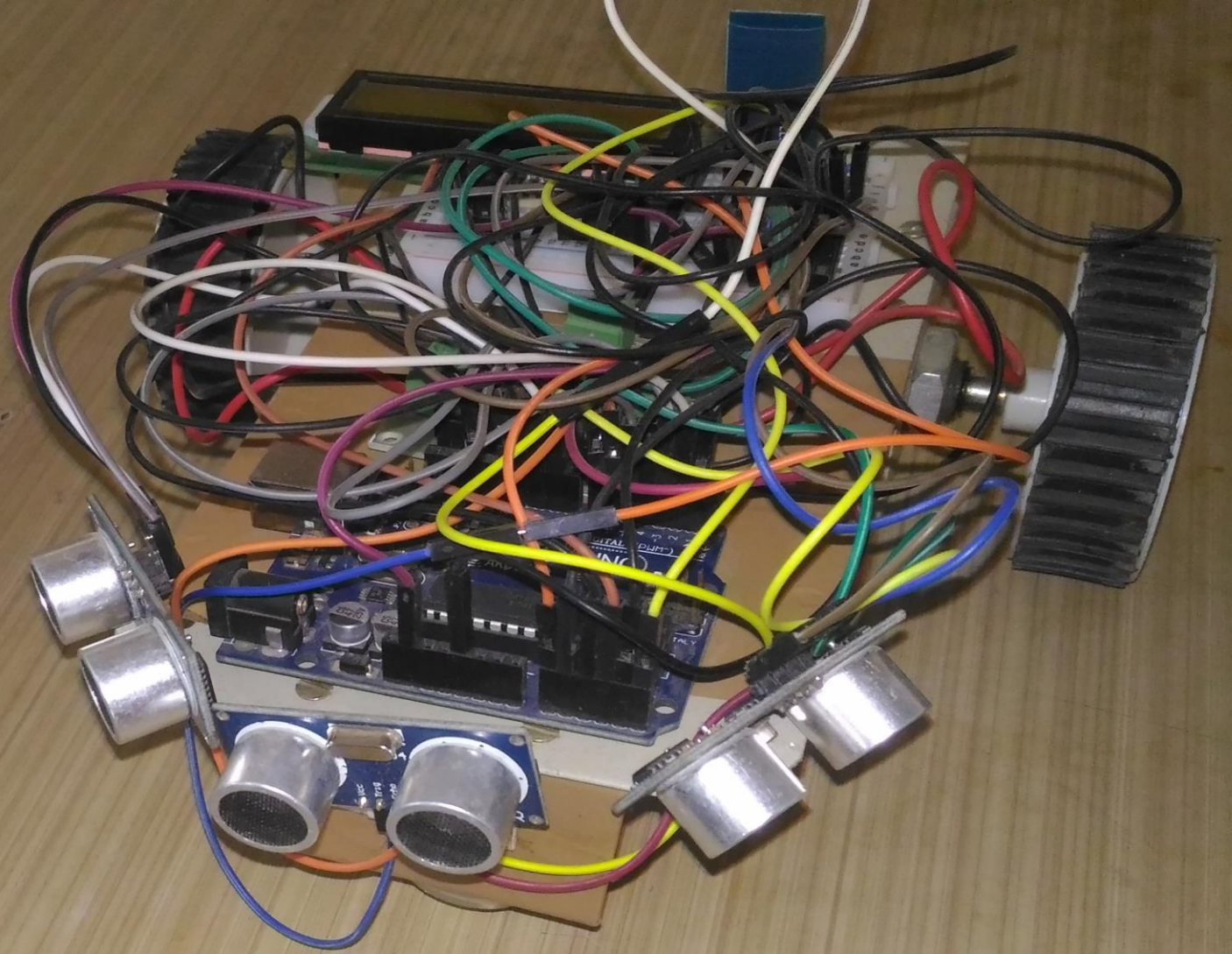
BLOCK DIAGRAM



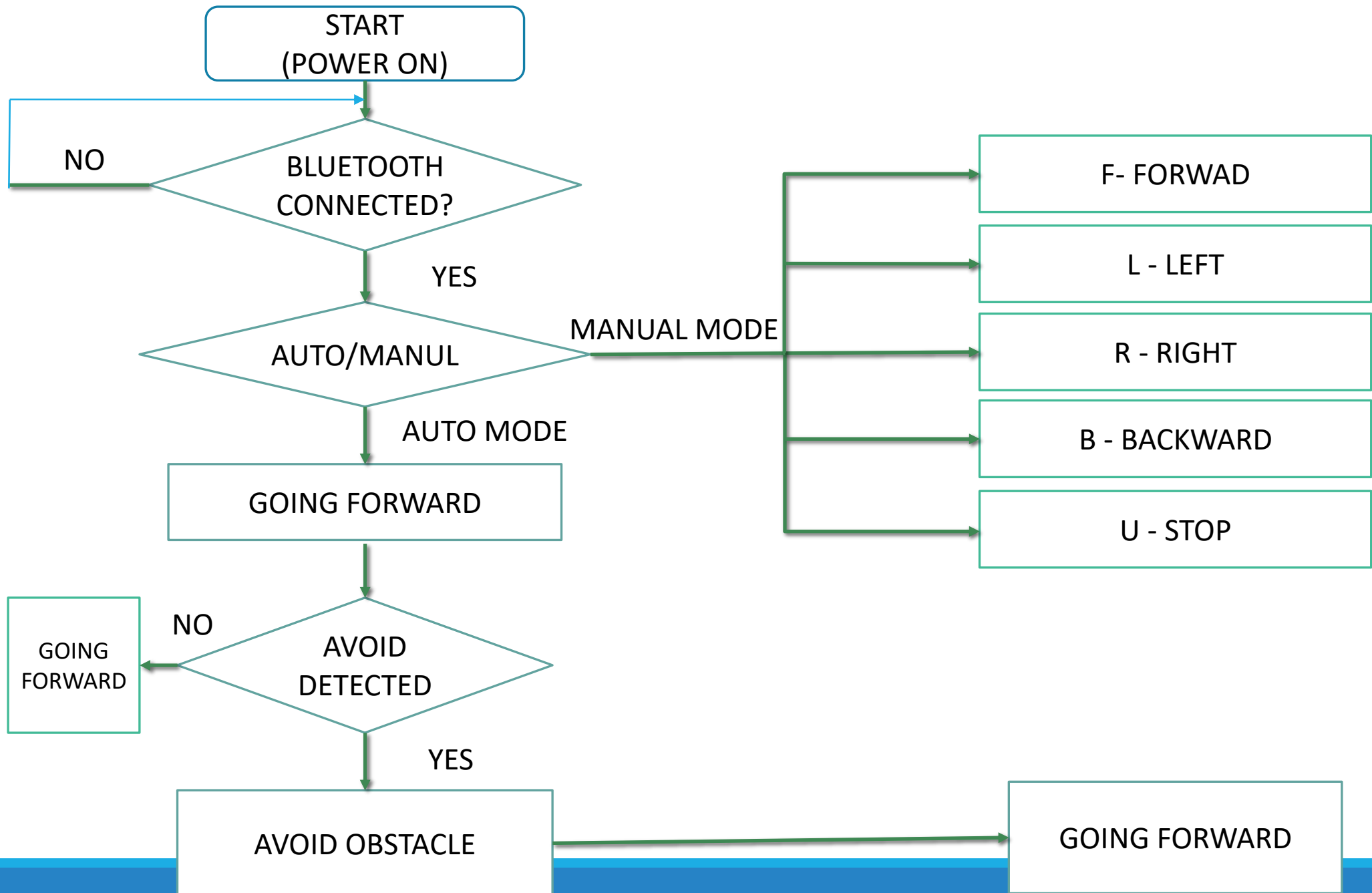
Photographs







FLOW CHART



Applications

- IN RESCUE.
- To LOCOMOTE HEAVY INSTRUMENT.
- AUTOMATIC GUIDED VEHICLE.
- AS A TOY:)

Future expansion

- Can interface a GPS.
- Can interface a CAMERA.
- Back SENSOR can be installed in advanced version of ARDUINO
- Can use it as a AUTOMATIC GUIDED OBSTACLE AIR VEHICLE.

Thank you!



QUESTION

