

**LINE FOLLOWER ROBOT**  
**(Robot for Materials Transport Inside  
Manufacturing Facilities)**

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## 5 Project Goals

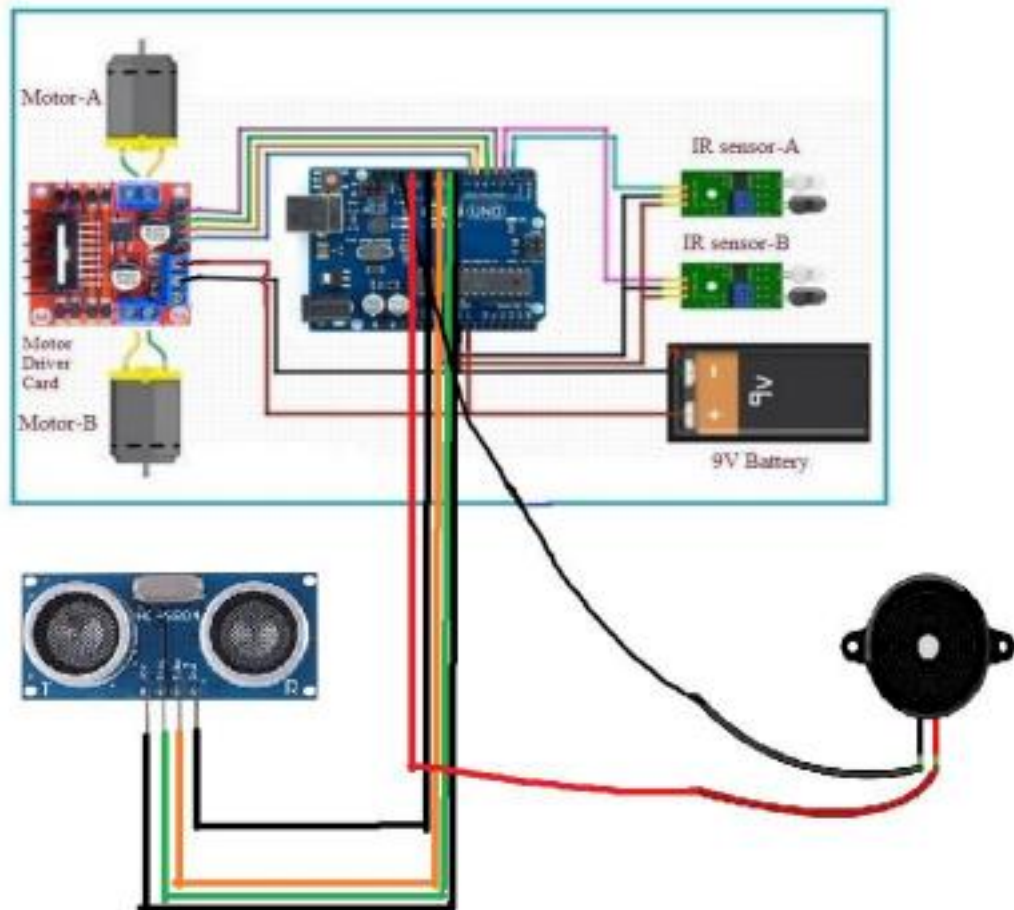
- The transport efficiency in factories
- The workers safety
- A good organization of the process
- Quick intervention in case of an unexpected event
- Time efficiency

## Project description

The prototype deals with transportation in factories and has sensors for following a predetermined path.

It also has an ultrasonic sensor attached that detects obstacles that may appear along the way. The robot stops and transmits a sound signal to the entire factory, with a buzzer announcing in real time any unexpected events (e.g. fallen boxes).

# Electrical circuit



## Photos of the final result

