
AUTOMATED GUIDED VEHICLE



Ashraf Habromman



Yazan Habash

Supervised by: Dr. Anas Toma

CONTENTS

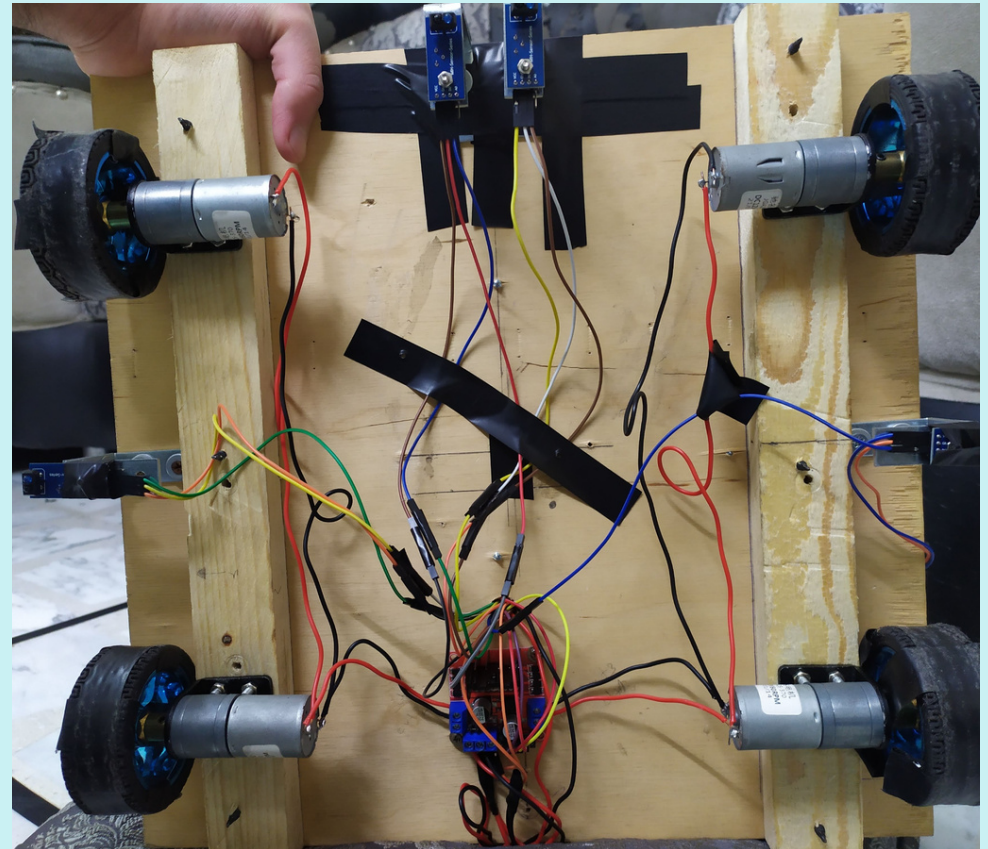
1. What is the Automated Guided Vehicle?
2. How does it work?
3. Problems.
4. Future work.

WHAT IS THE AUTOMATED GUIDED VEHICLE?

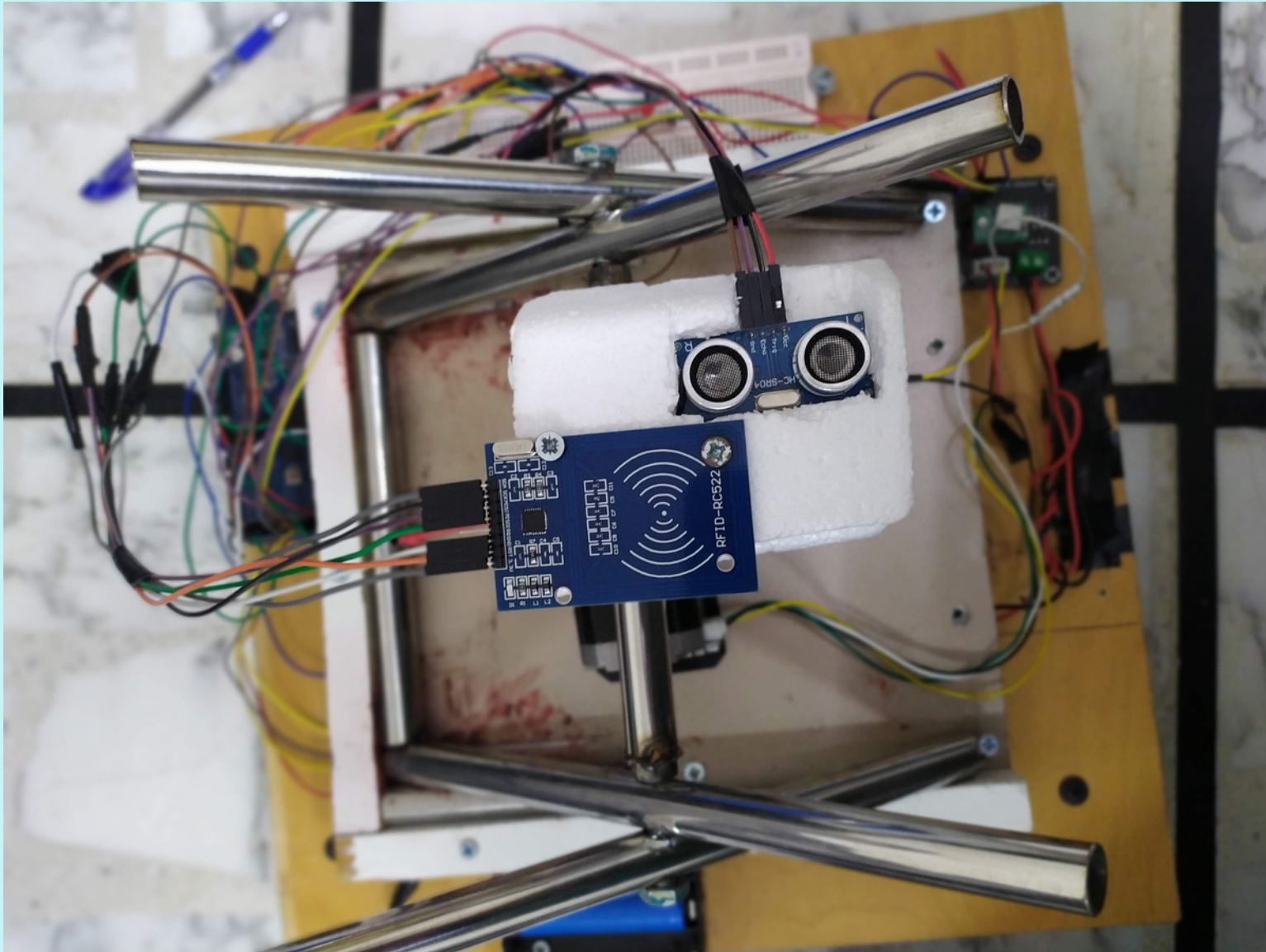
The Automated guided vehicle robot is a lifting machine used in warehouses to speed up the arrangement and movements of goods, products and wood pallets.

HOW DOES IT WORK?

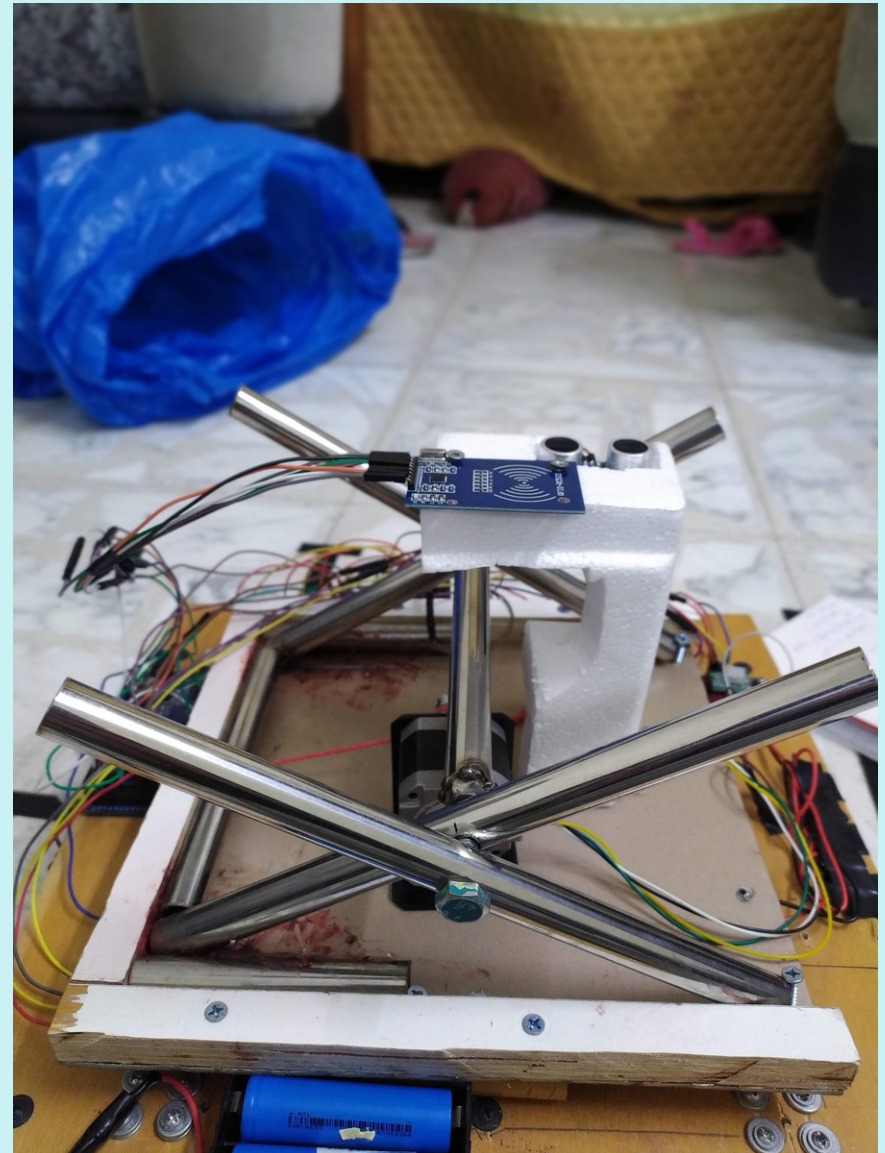
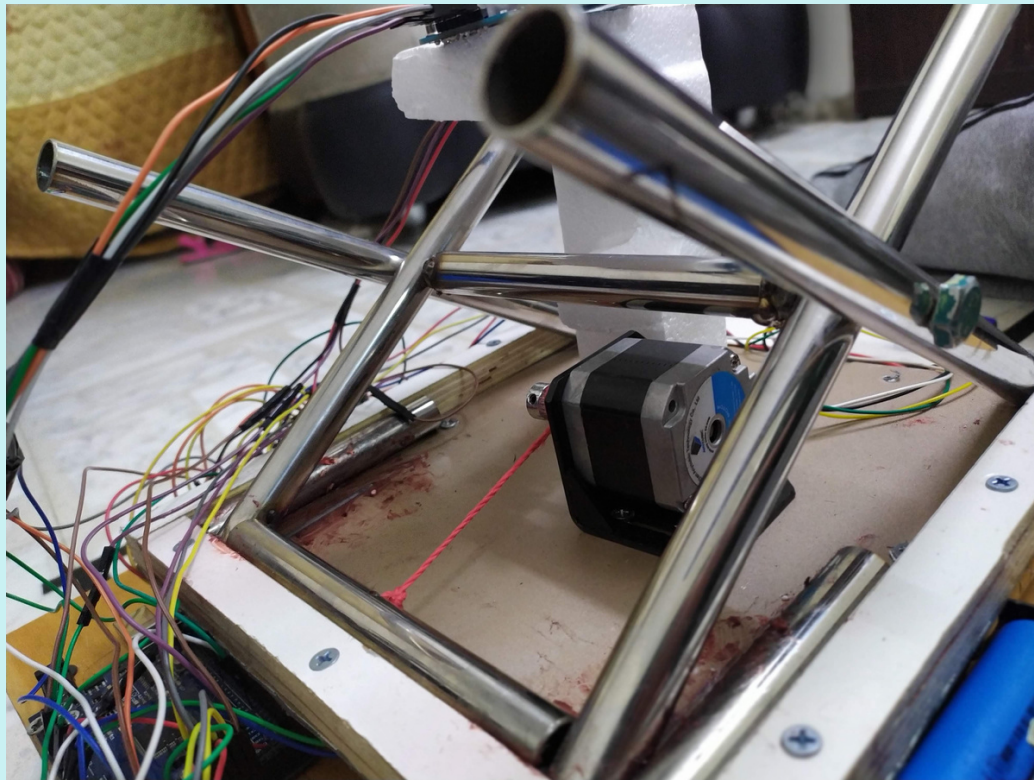
1. Line Follower and Grid manner



2. Meshtah Identification



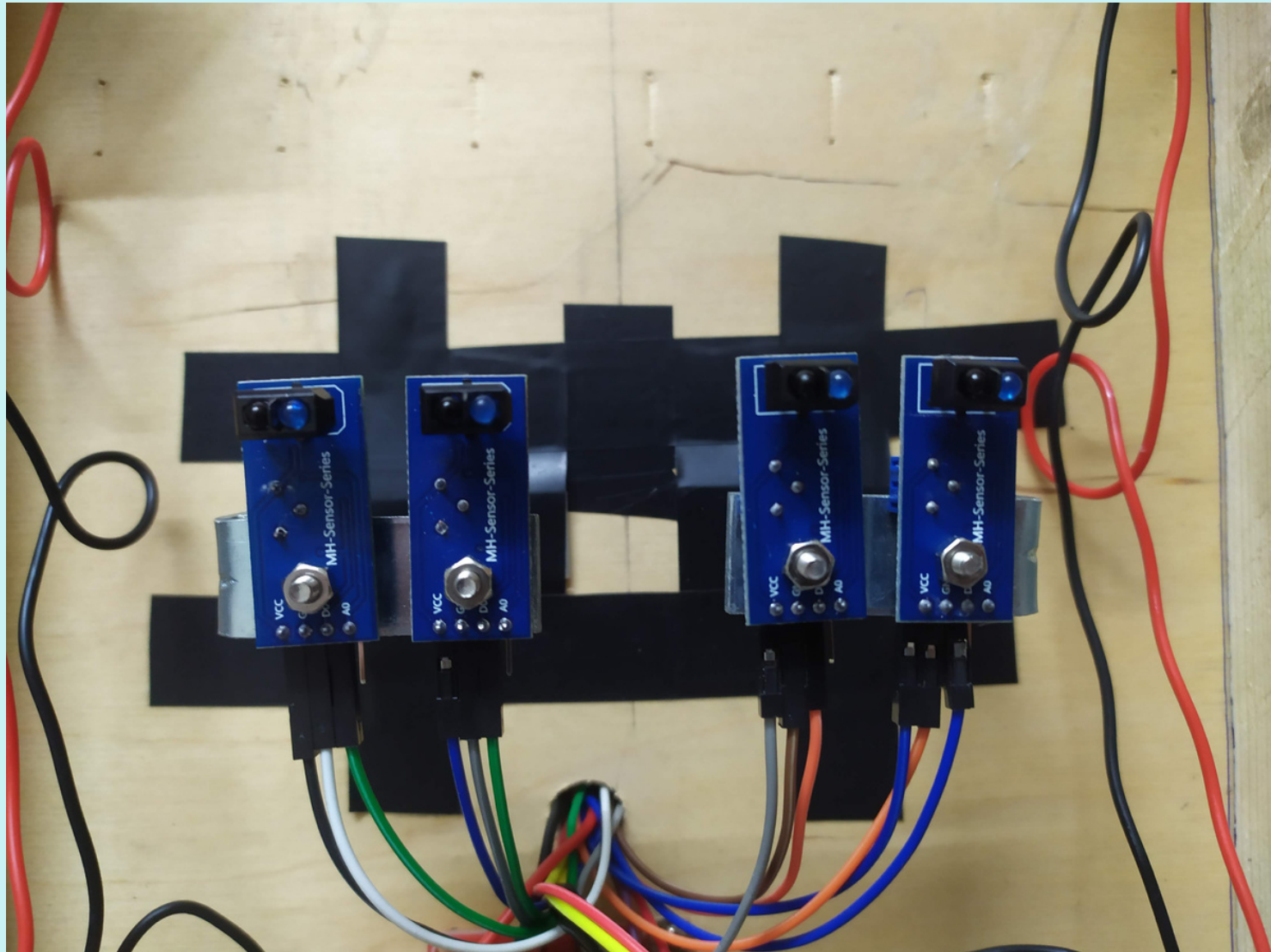
3. Lifting machine



PROBLEMS

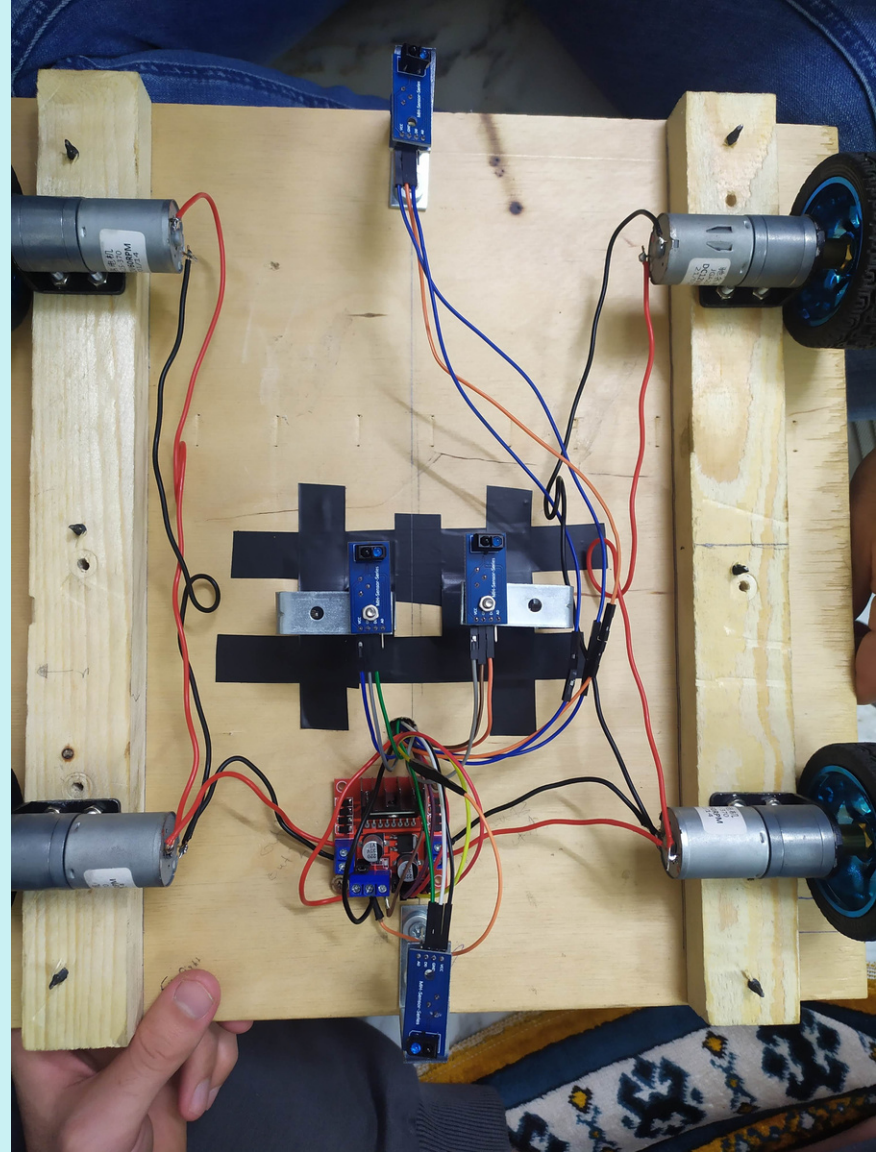
1. Rotate 90° problem

Where do we have to set the infra-red sensors mainly?!



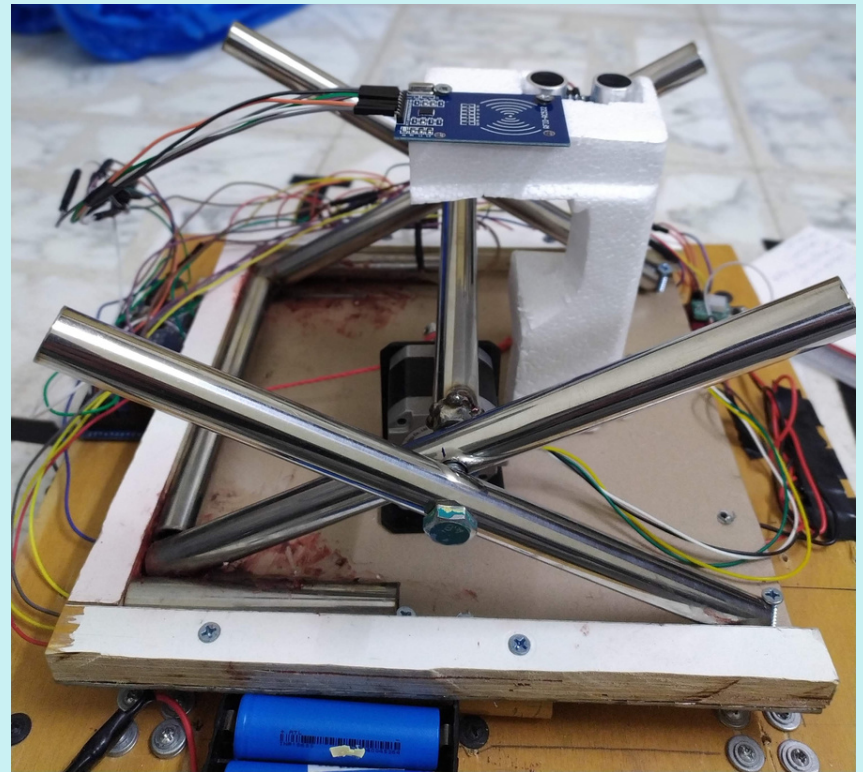
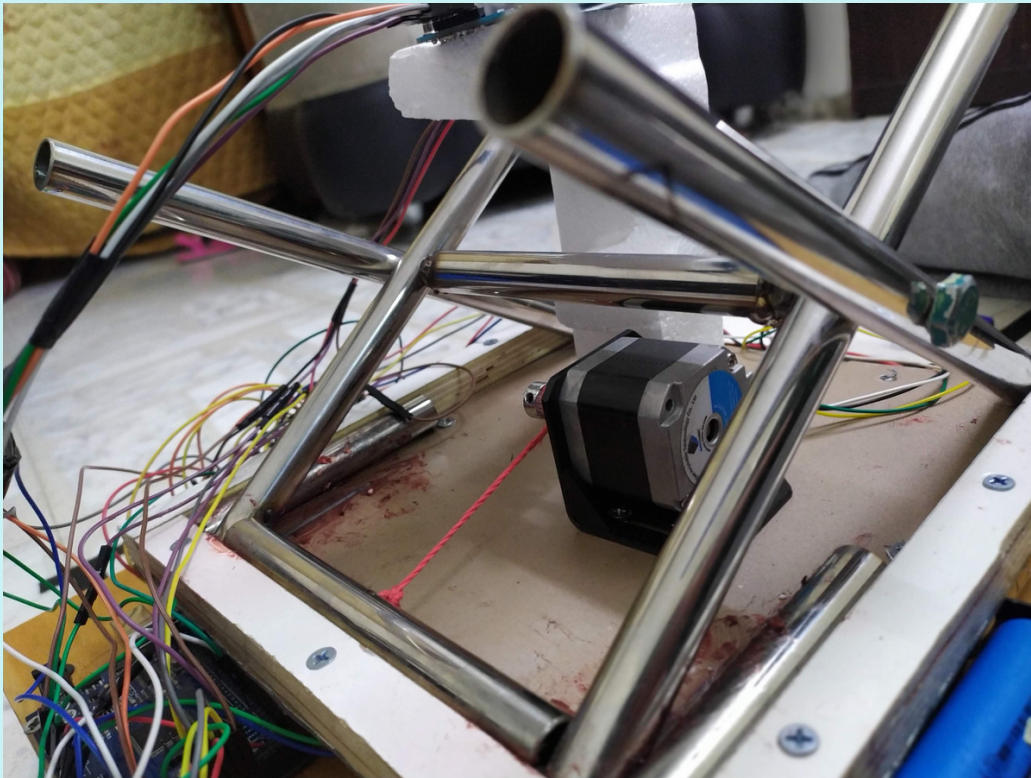
1. Rotate 90° problem

Where do we have to set the infra-red sensors mainly?!



2. Lifting machine problem

- How to do the mechanical parts?
- Where to set the weighted components?



FUTURE WORK

- Expanding the grid size and scenario.
- Adding voice recognition feature.

OR



FUTURE WORK

نڤكفكو و نبيعو قطع

THANKS!

THANK YOU!
