

Introductory report

1.

Idea is a smart vehicle with robotic arm. Vehicle mobility moves at both x and y axis.

Arm can move and grab objects. Bluetooth controlled car, chassis is lasercut, and wheels and different structures are 3D printed.

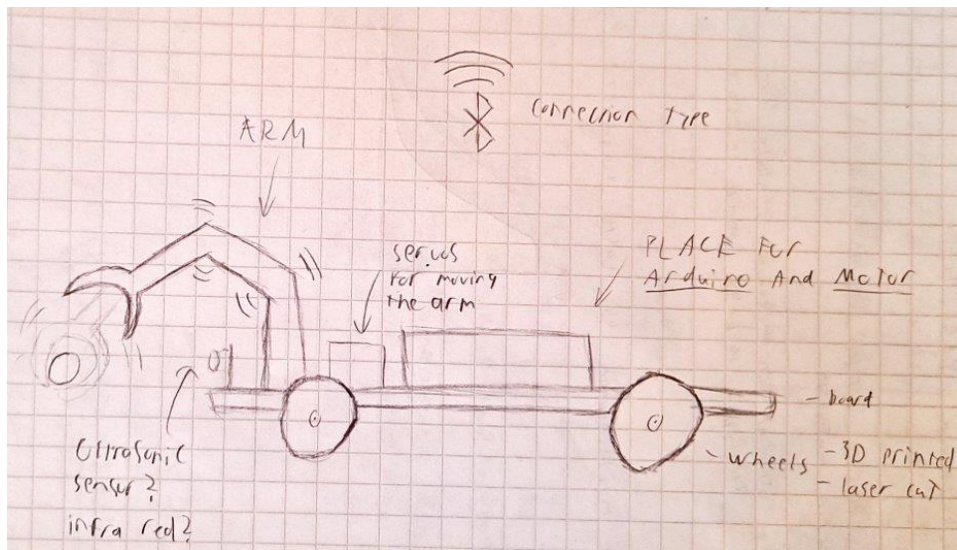
the vehicle's movements are controlled over Bluetooth, the vehicle has an arm containing 3-4 servos moving the arm, to also do pinch movements to grab objects, also controlled via the bluetooth app.

2.

We met up and discussed ideas about what we could do. It was the idea that we agreed on.

We discussed about: smart vehicle, two fighting robots, drink mixer, 2D drawing machine.

First sketch



Materials that we are going to need:

- gearmotor, three to four servos, Bluetooth sensor Arduino board.

Sustainable design.

Material choice, making prototype using more sustainable material, thinking which machines use less energy to use and using materials what we have.

Repository --> GitHub