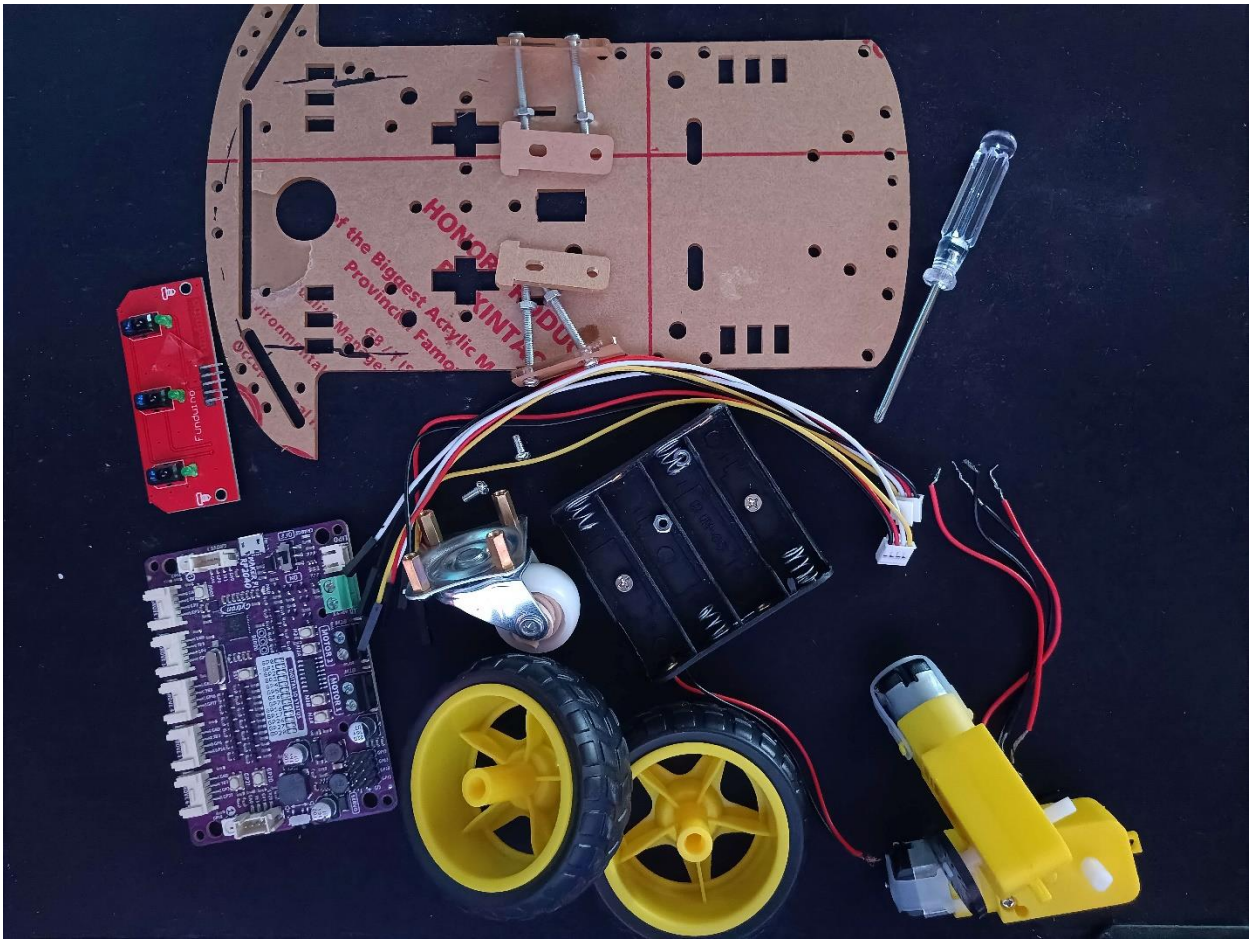
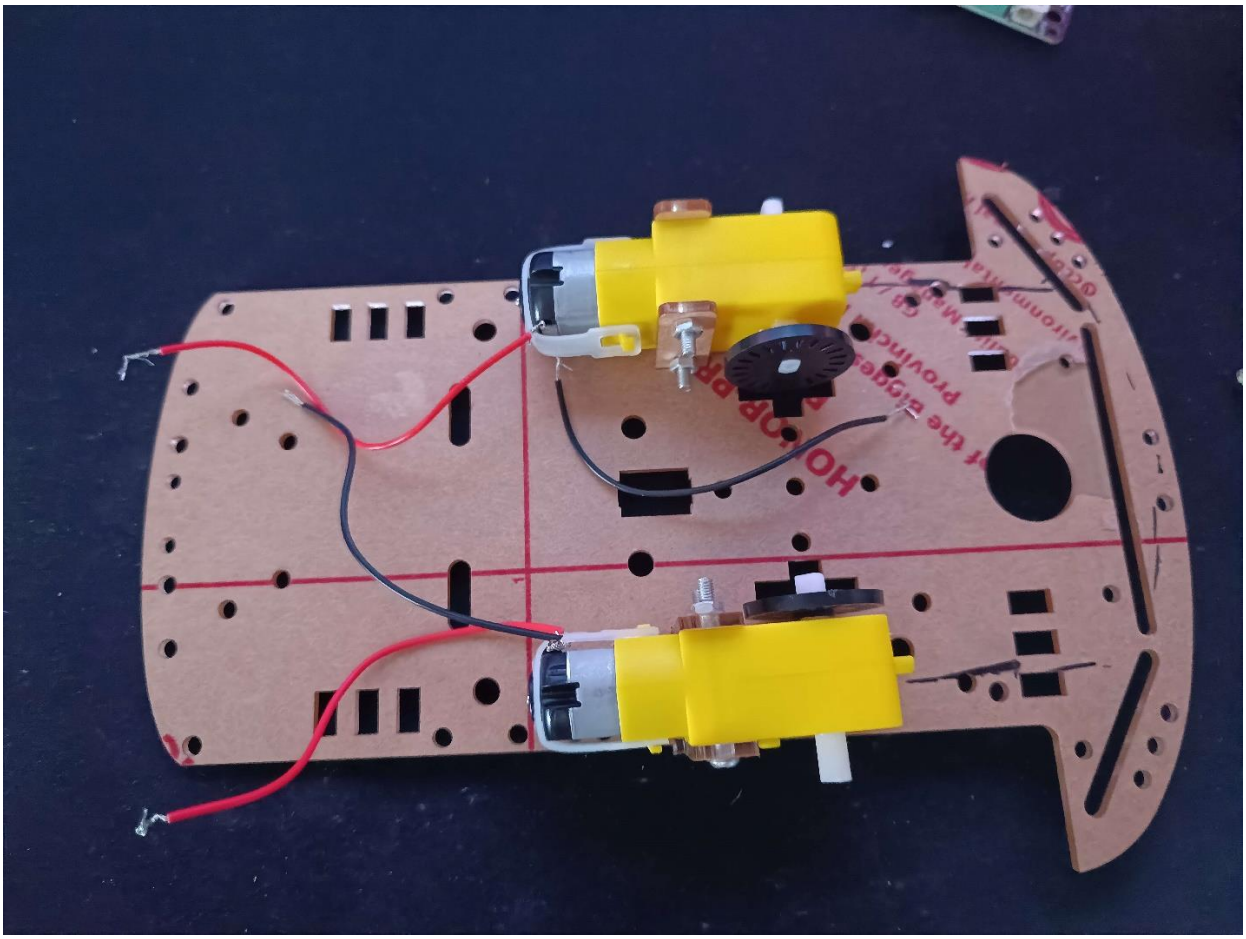
Tracking line Robot Car

Accessories:

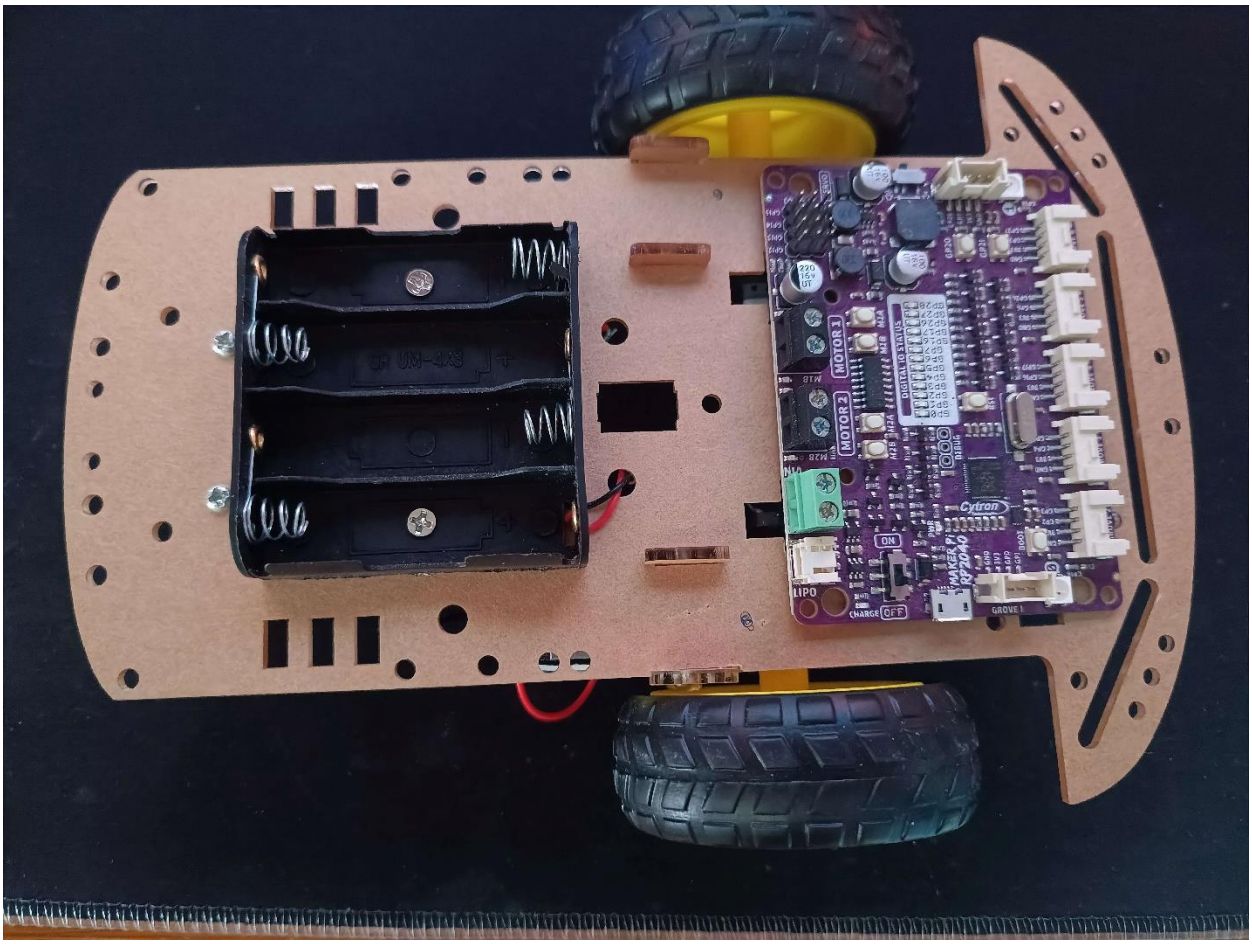
1x Board
2x Motors
2x Wheels
1x Battery base 80-100mA
1x Maker Raspberry Pi RP2040
1x 3 Channel IR Infrared Tracking Tracing sensor Module CTRT5000
2x Grove to Female Header Cable
1x Screwdriver



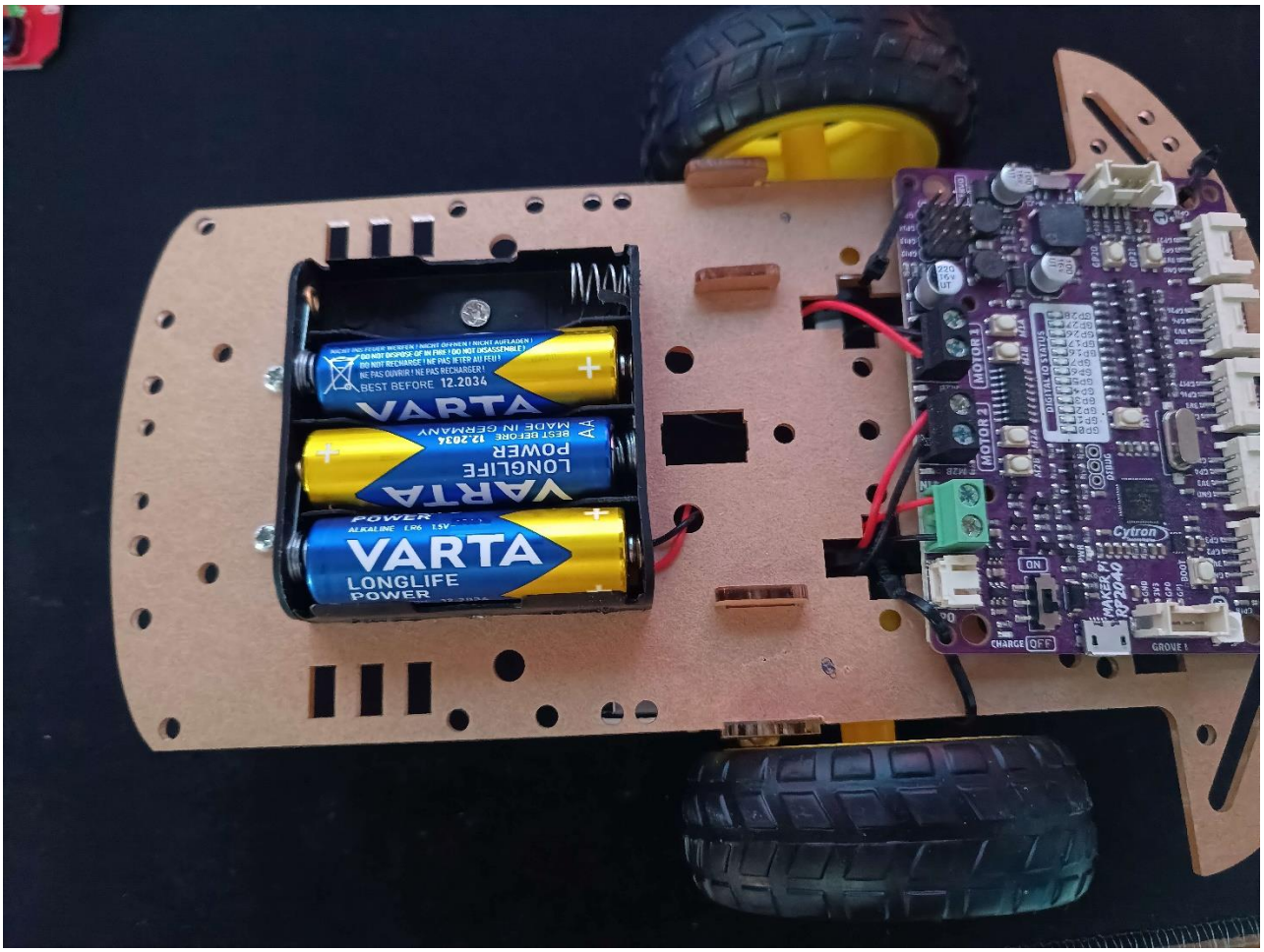
1st Step: Connect the motors to the bottom side of the board and connect the power cables as shown in the picture.



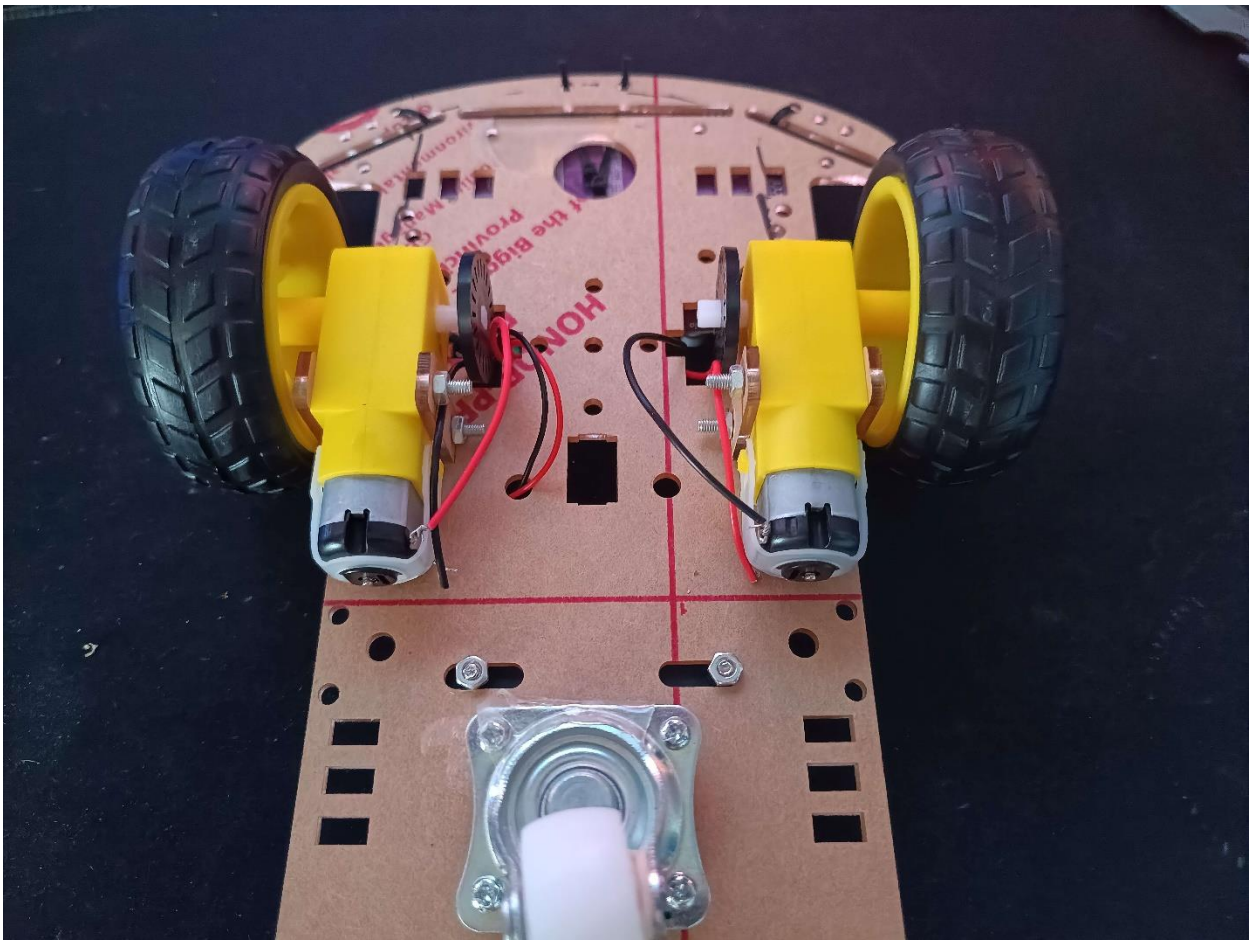
2nd Step: Attach the power supply on the back of the board, along with the Maker Pi board and the wheels.



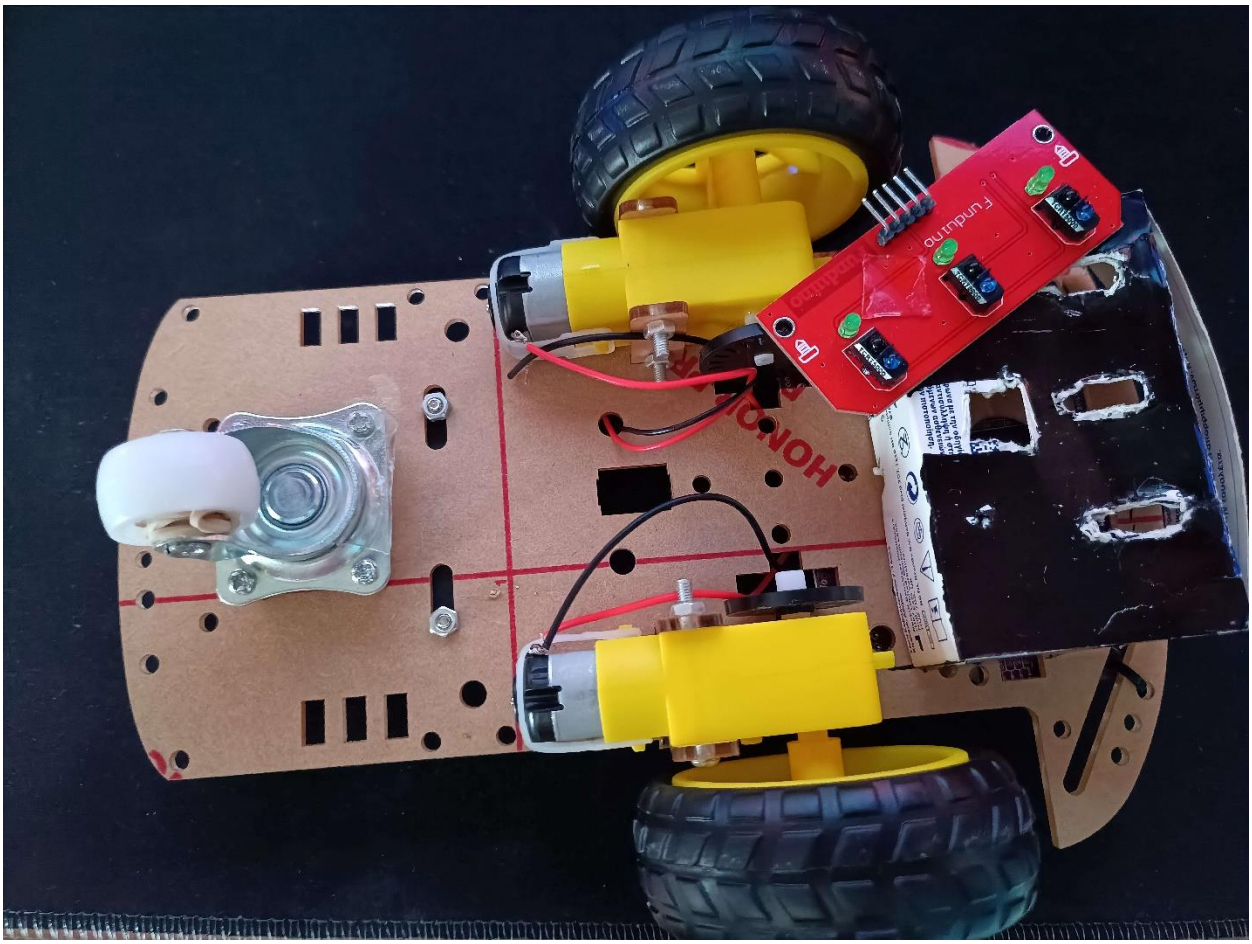
3rd Step: Connect the jumper cables to the board as well as the power cables for the base with the batteries as shown in the picture.



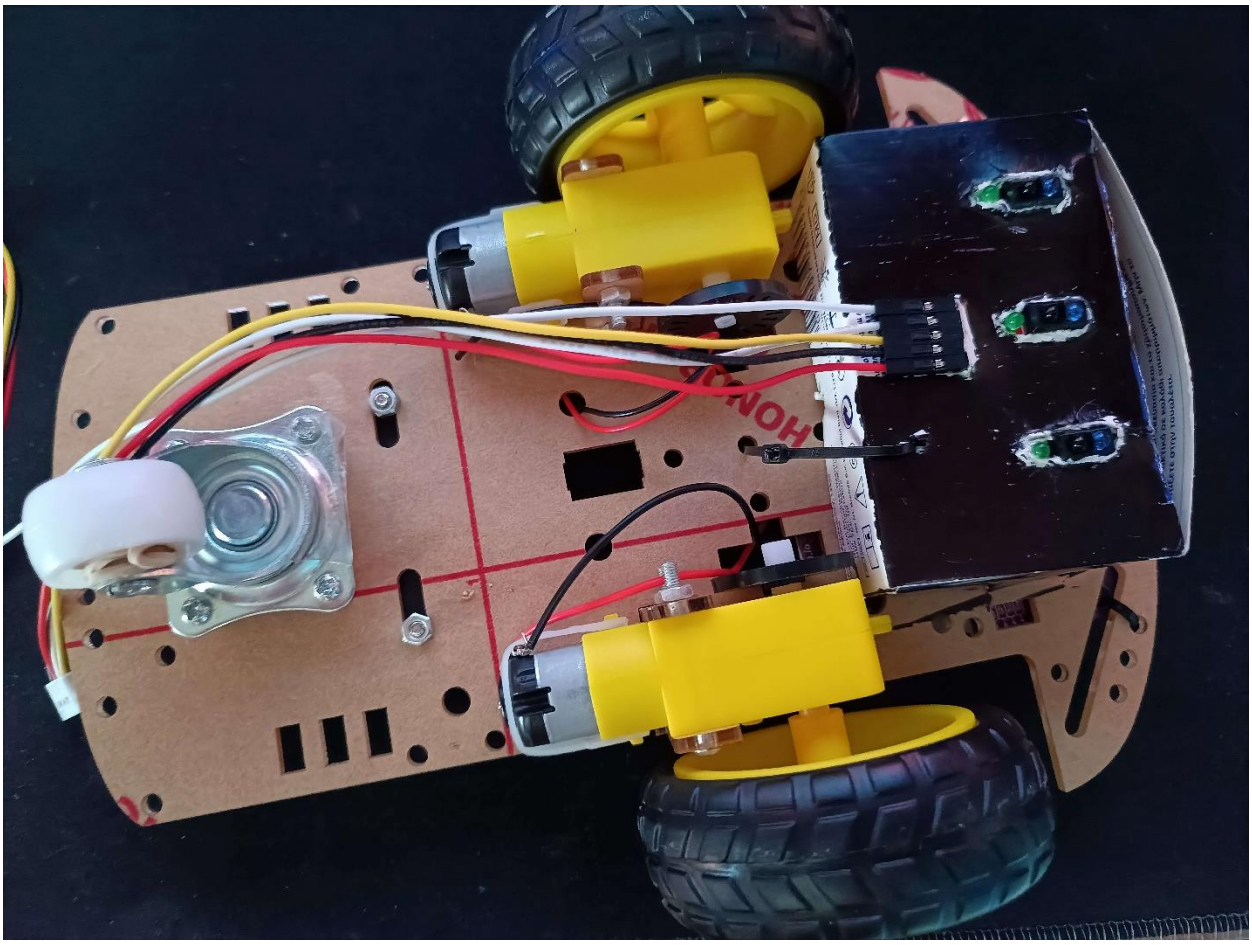
4th Step: Then we also place the rear wheel of the vehicle and the view so far is something like this.



5th Step: Create a box from a paper and open holes along the length where the sensors are located so that it works as a base.



6th Step: Connect the sensor cables and pass them through the board holes so that they pass through the other side and connect to the Maker Pi.



7th Step: Finally, we connect the sensor to the Groove positions as shown in the image and the design of the car is ready.