Self healing robot

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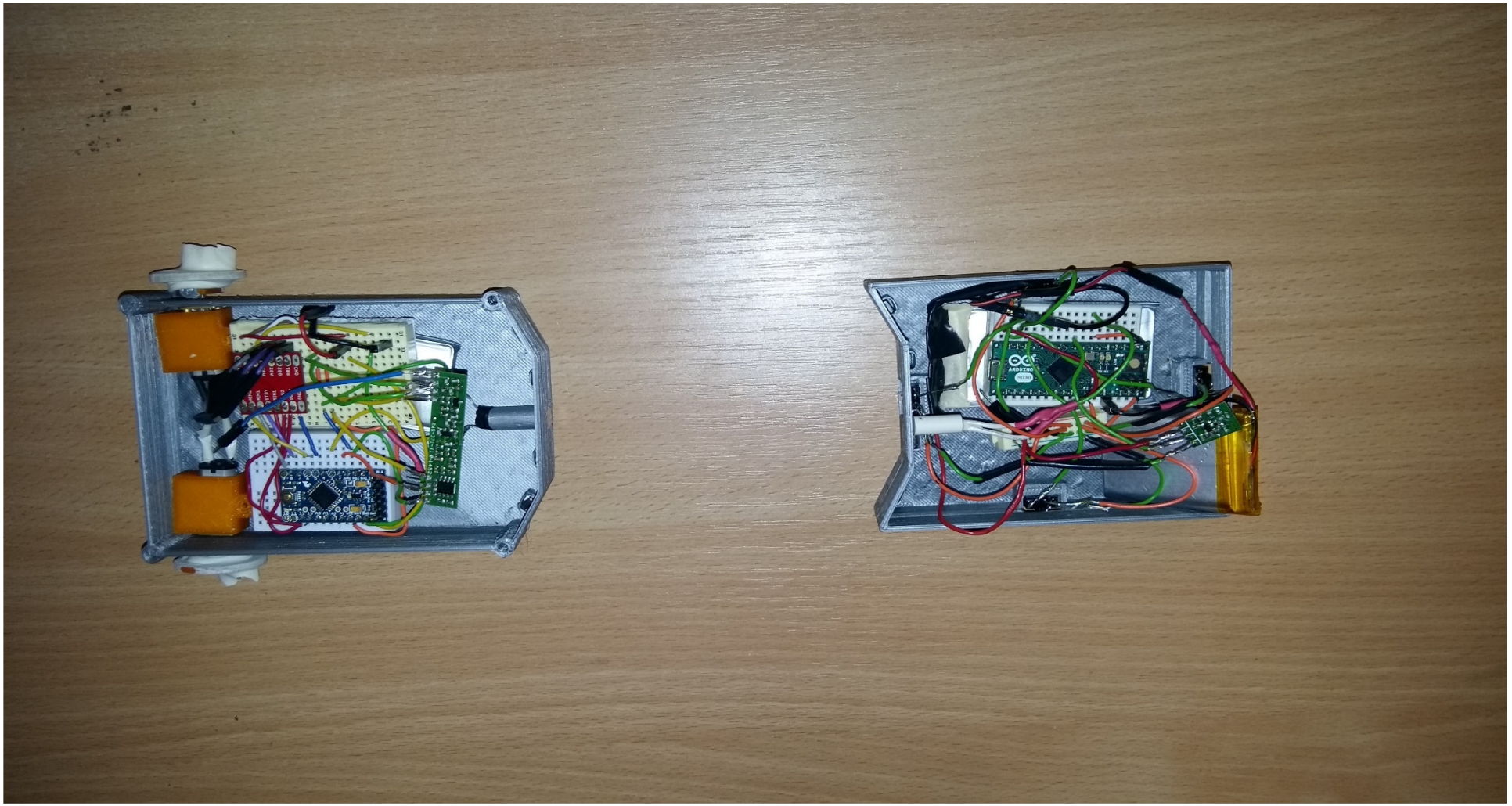
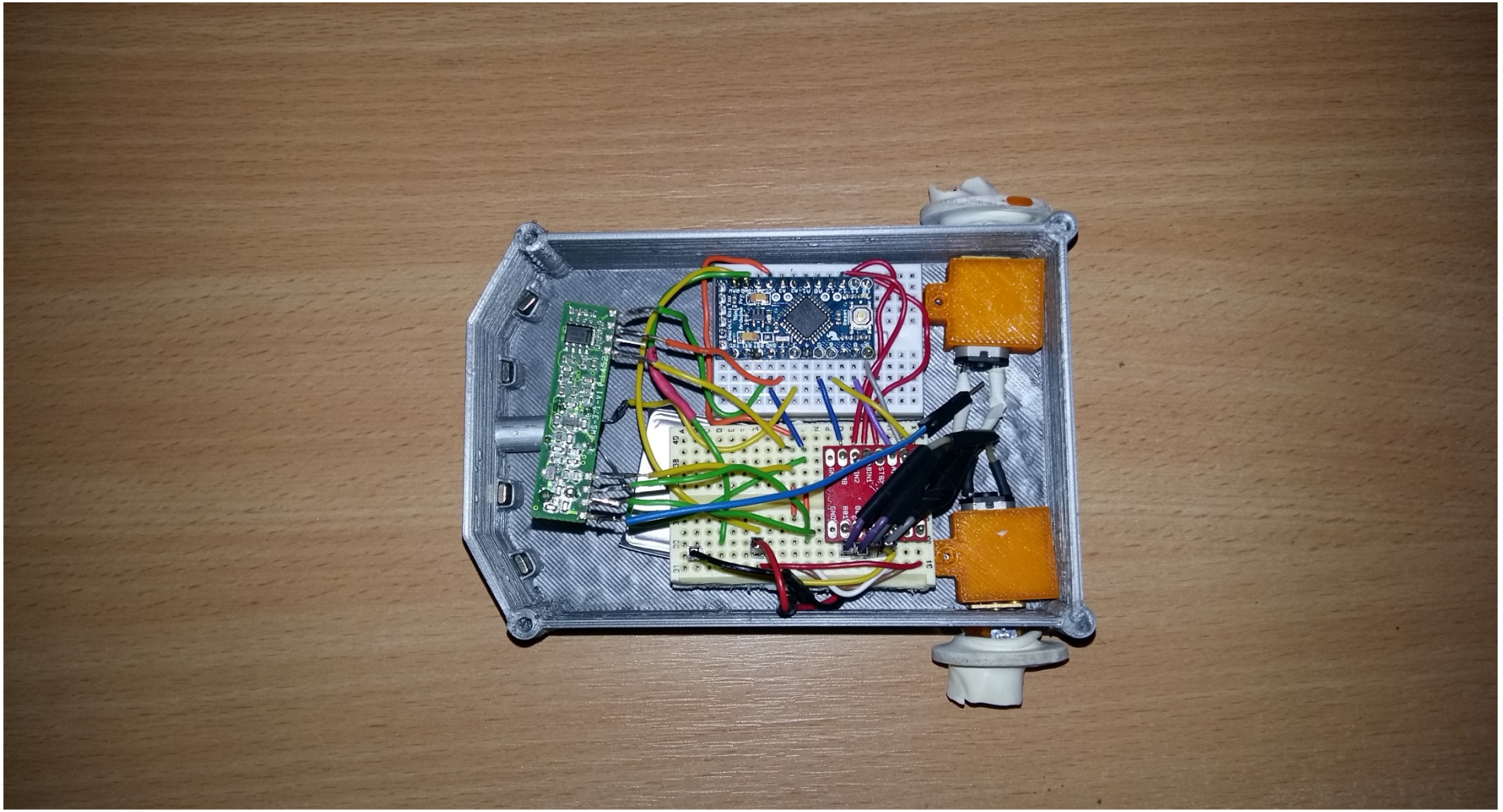
Summary

- A robot that has two parts



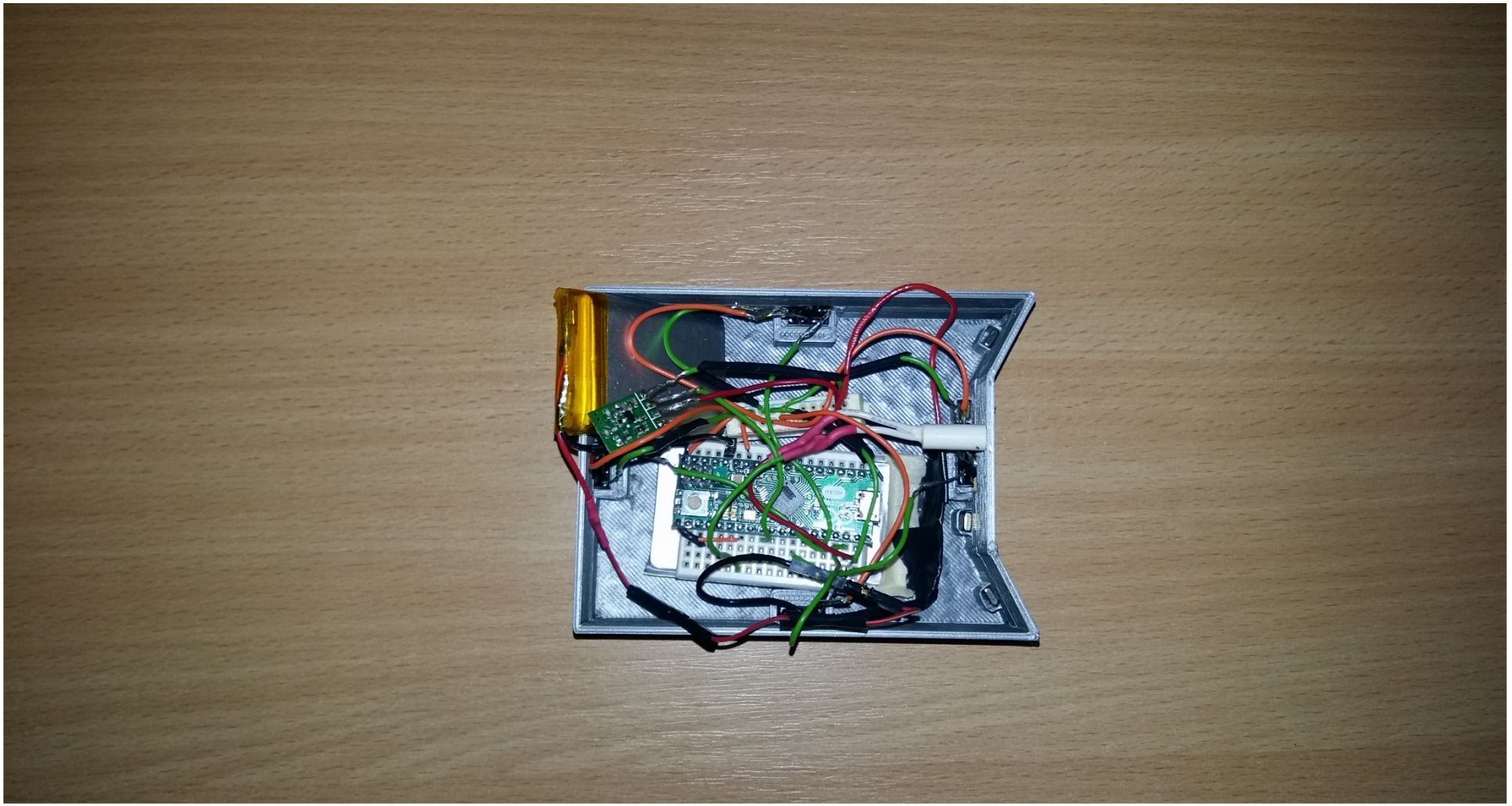
Summary

- A mobile component



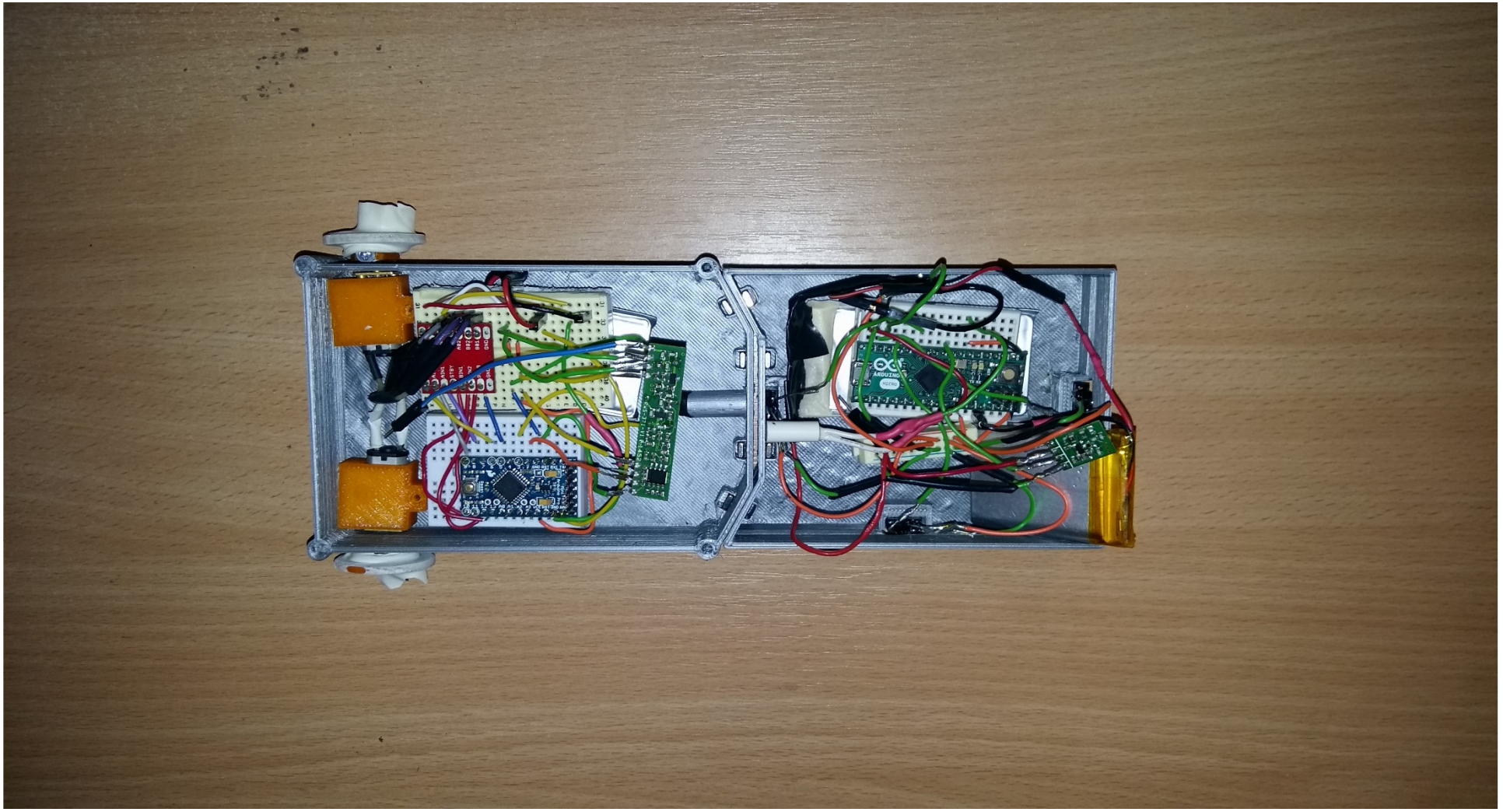
Summary

- A stationary component



Summary

- A link between the two



Objective

A self healing robot

A self healing phone

Activities

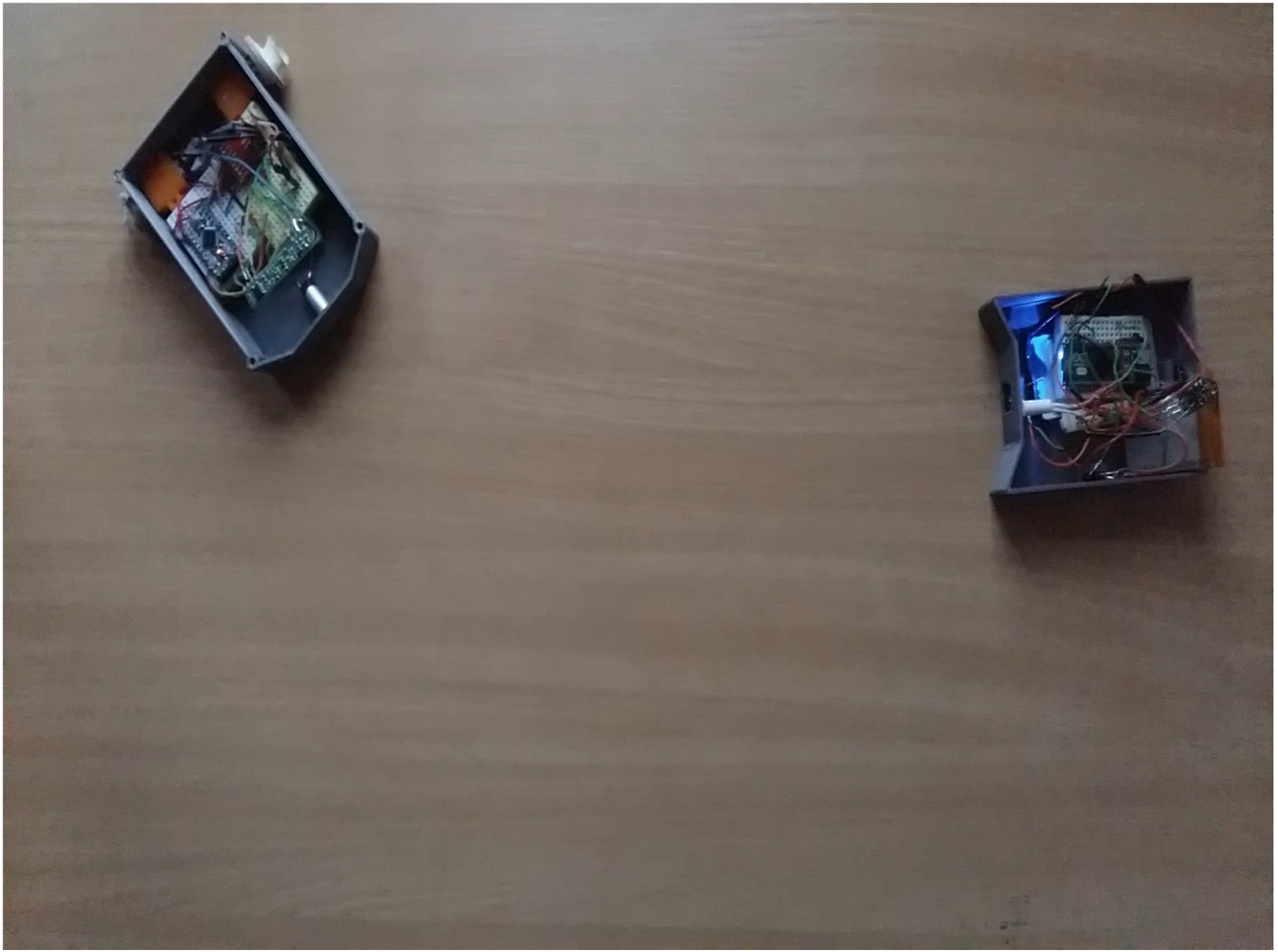
- Choosing a processing unit
- Infrared emitters and receivers
- Wireless communication

Activities

- Motors and movement
- Hall effect sensor
- Magnets for aligning the link

Challenges

- Laser like infrared emission
- Multiple IR receivers on the same Arduino
- A reliable way to link the two parts
- Small but powerful power supply

Next steps

- Further reducing the size
- The possibility of calling and texting
- Improving the detection