

# Prototype 3

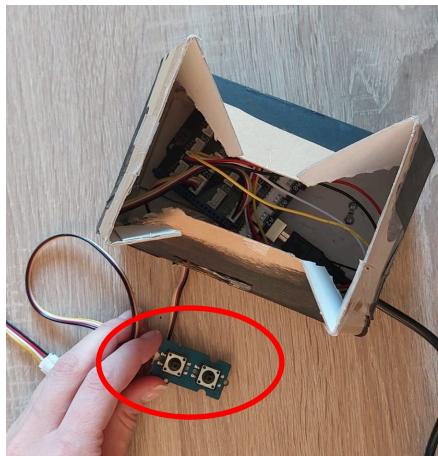
Concept & Evaluation

## Gait supporting device with vibrational live feedback

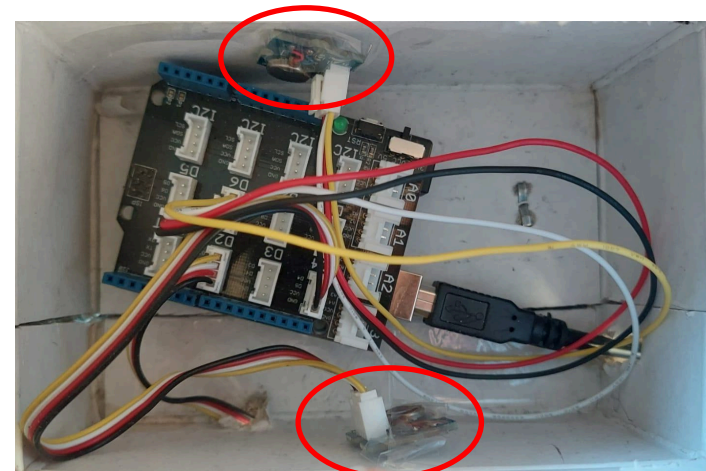
This low-fi prototype has been attached to the phone's cover of the participants. The users have been asked to walk around while using the phone. Through the controller the vibrational sensors, one on the left and one on the right, were activated by the conductor of the test (me) to send some sort of information to the phone user. In the next page the results of the evaluation are visualized. The functions of the device for the E1 & E2 have not been explained while the participants of E3 & E4 were aware of what the device was trying to communicate to them.



1. Overview of the prototype



2. Button controller for the vibration of the left and right motor



3. Inside of the prototype with the two vibration motor

### Insight

- The participants weren't paying any attention to the environment around because too focused on trying to understand what the vibrations were communicating to them
- The vibration can be easily misinterpreted as a phone notification (texts, calls,...)

See appendix p. 106 for details