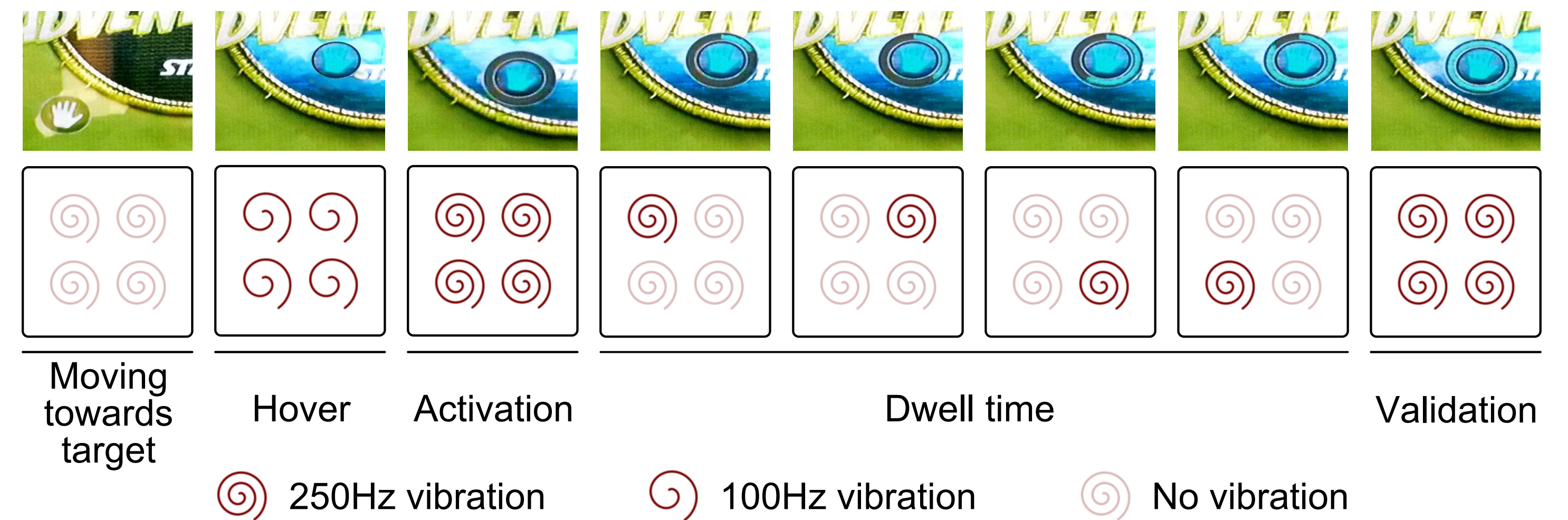
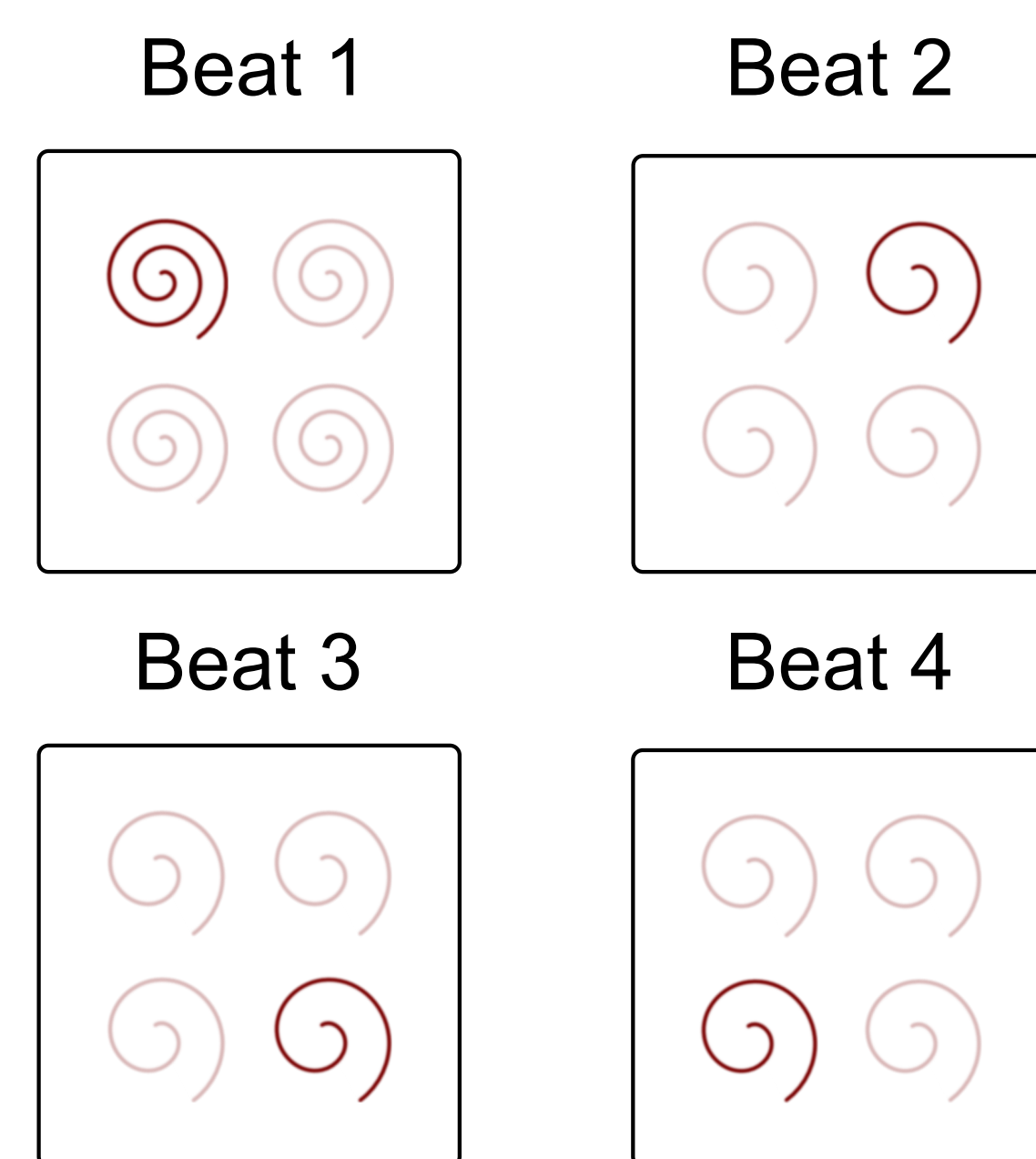


# Wearable and Wireless Haptic Device

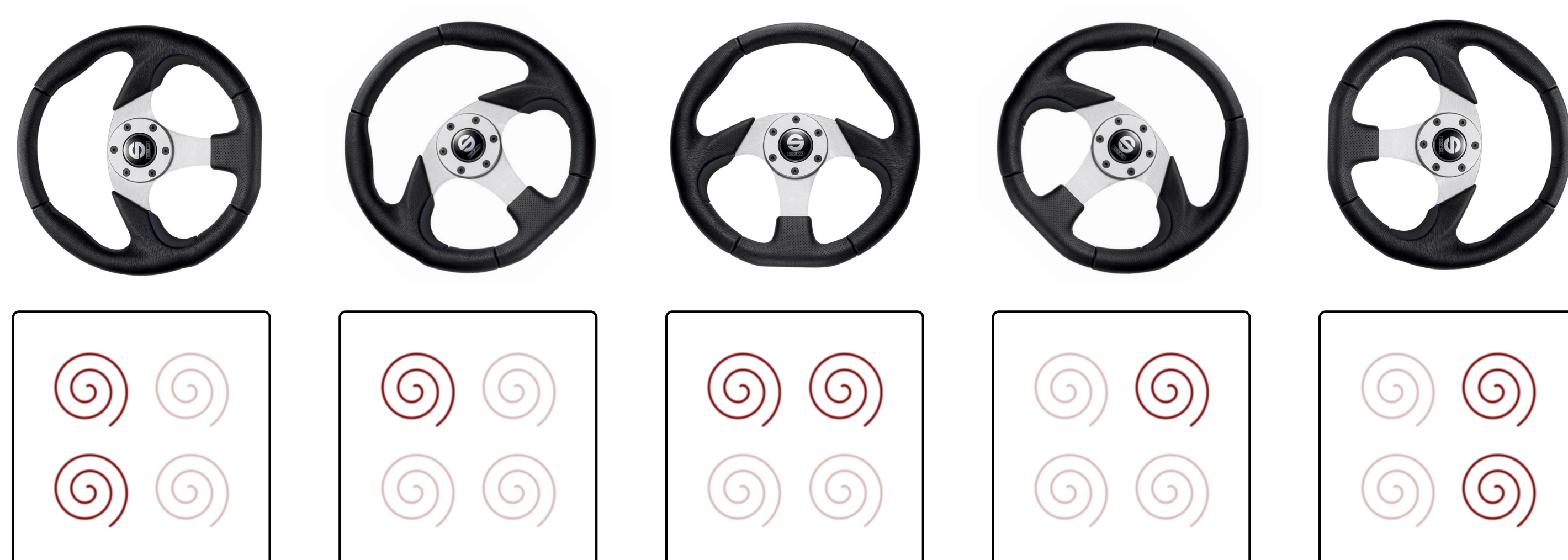
## Haptic Wristband

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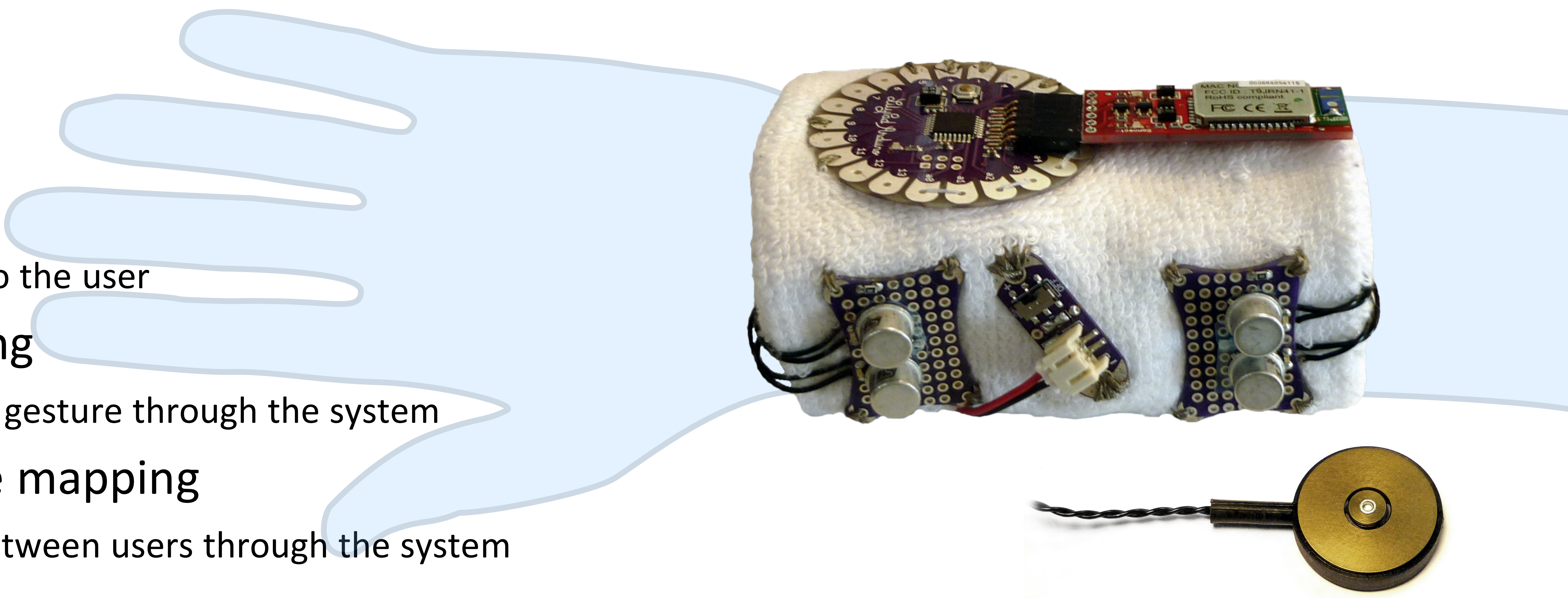
### Design Goals

- ▶ Provide background information
- ▶ Provide rich information
- ▶ Keep the hands free
- ▶ Independence
- ▶ Various gestural interaction



### Interactions

- ▶ Time mapping
  - ⇒ From the system to the user
- ▶ Gesture mapping
  - ⇒ Feedback of user's gesture through the system
- ▶ Indirect gesture mapping
  - ⇒ Communication between users through the system



### Features

- ▶ 4 signal parameters
  - ⇒ Spatial location
  - ⇒ Frequency
  - ⇒ Amplitude
  - ⇒ Rhythm
- ▶ Wireless
- ▶ Tactors controlled individually