The Office Smartwatch

Development and Design of a Smartwatch App to Digitally Augment Interactions in an Office Environment

Authors: Yannick Bernaerts • Matthias Druwé • Sebastiaan Steensels • Jo Vermeulen • Johannes Schöning
Contact author: jo.vermeulen@uhasselt.be

We describe the design and development of a smartwatch application to digitally augment common interactions in an office environment using forearm gestures.

Knock gesture
• send “virtual knocks” to co-workers
• shows up on the co-worker’s smartwatch
• even when they are not there
• easy to deal with interruptions

Lock gesture
• virtually “lock” and “unlock” doors
• similar to turning a key
• identity tracked through smartwatch
• fine-grained access control

Return gesture
• return to the home screen
• back to room scanning functionality