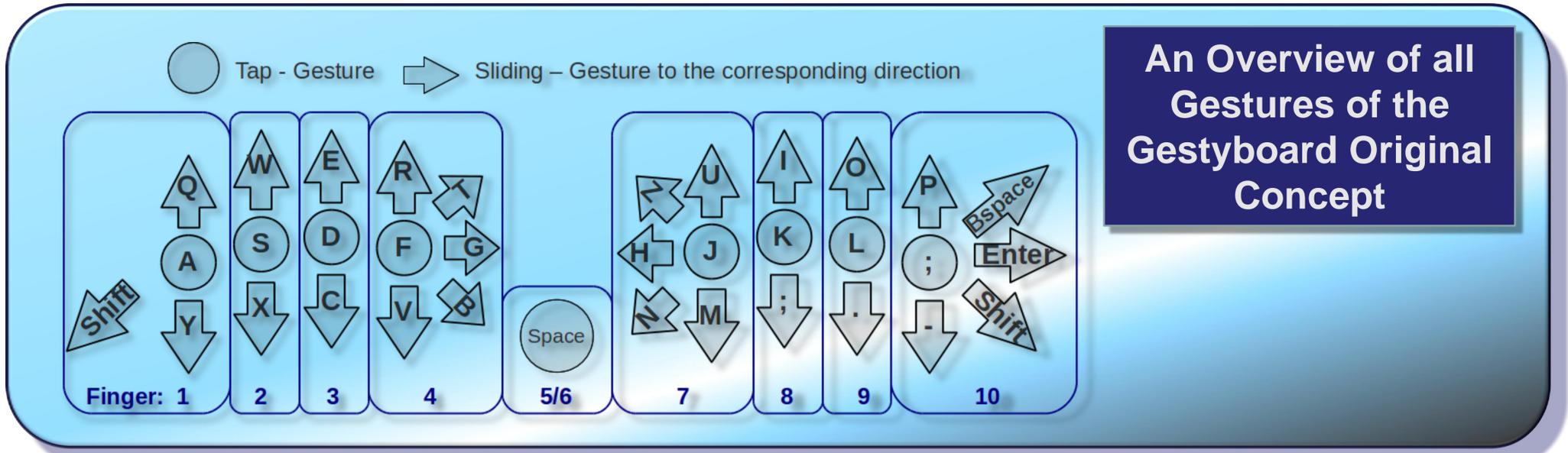


# Gestyboard : A 10-Finger-System and Gesture based Text Input System for Multi-Touchscreens with no Need for Tactile Feedback

Tayfur Coskun, Eva Artinger, Lorenzo Pirritano, Daniela Korhammer, Amal Benzina, Claudia Grill, Andreas Dippon, Gudrun Klinker



An Overview of all Gestures of the Gestyboard Original Concept

## The Gestyboard Prototype 1.0

**Main Motivation:** Develop a touchscreen based high performance ergonomical text input concept with no need for tactile feedback.

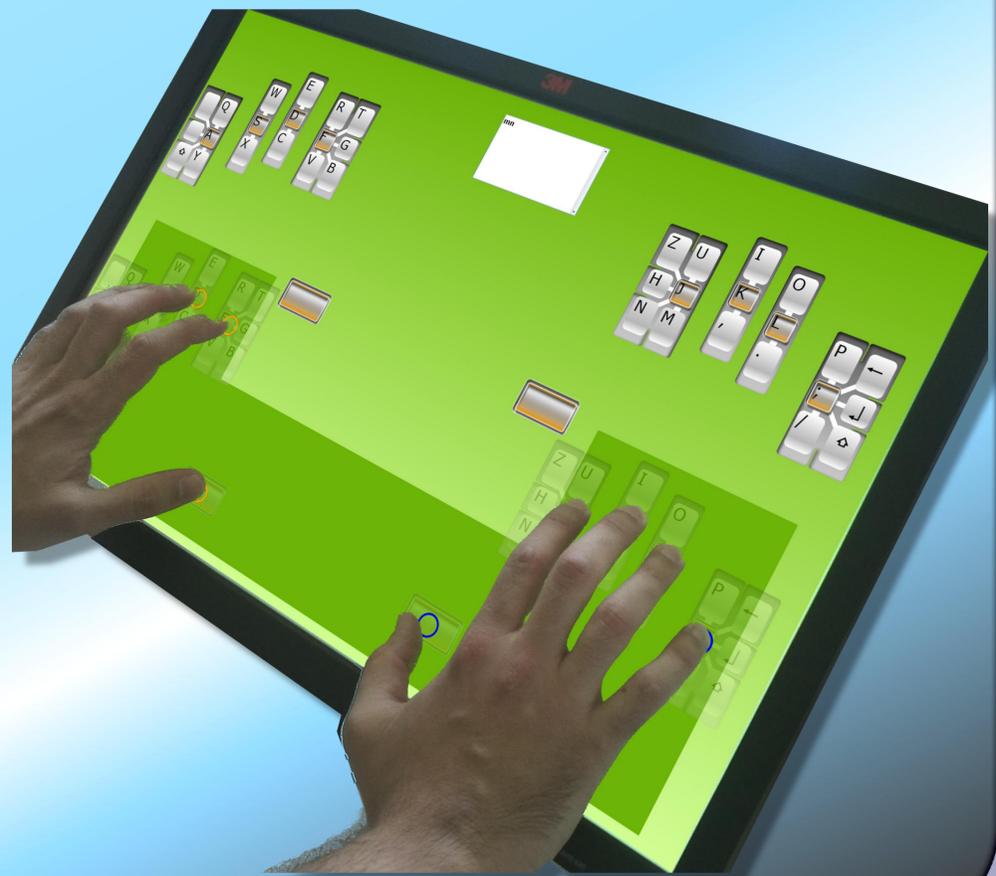
**Unique Feature:** Based on the high performance 10-Finger-System

**Current Best Speed:** > 100 cpm (25 wpm)

**Current Best Error Rate:** < 5%

**Current First Use Best Speed:** 65 cpm (13 wpm)

**Current First Use Best Error Rate:** < 15%



- (R1) - No additional hardware, just the multi-touchscreen
- (R2) - No dictionary / No word prediction / No database
- (R3) - Enable fast typing
- (R4) - Enable typing without missing the keys
- (R5) - Enable blind typing

The Requirements on which the Gestyboard Concept is built on

