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(57) Abstract :
 The present invention discloses a smart finger ring (100) that enables execution of shortcut commands in computer systems (200) using gesture and touch-based inputs. The ring comprises a microcontroller (102), IMU sensor (103), capacitive touch sensor (104), Bluetooth module (105), haptic feedback motor (106), and LED indicator (107). It detects user gestures or taps and transmits corresponding commands wirelessly. Real-time feedback through vibration and light enhances usability, offering a compact, hands-free, and ergonomic solution for intuitive human-computer interaction.

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