

VIRTUAL KEYBOARD: AN ERGONOMIC APPROACH*

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ABSTRACT

Keyboard is known as equipment for data or task input into a computer. Keyboard, which can be found in different of type and model, has been studied by researchers to minimize user weak finger, wrist flexion, shoulder tendonitis and also to improve comfortability.

Today, data or task can be put in by using virtual equipment which is known as virtual keyboard. Equipments like latest models of smartphone and personal digital assistant (PDA) also use virtual keyboard.

This paper try to analyze virtual keyboard based on ergonomic approach. Virtual keyboard from ergonomic point of views are efficient, simple, comfort, and predicted decrease body function disorders like repetitive strain injuries (RSI) and carpal tunnel syndrome (CTS)

Keywords: keyboard, virtual keyboard, ergonomic, RSI, CTS

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