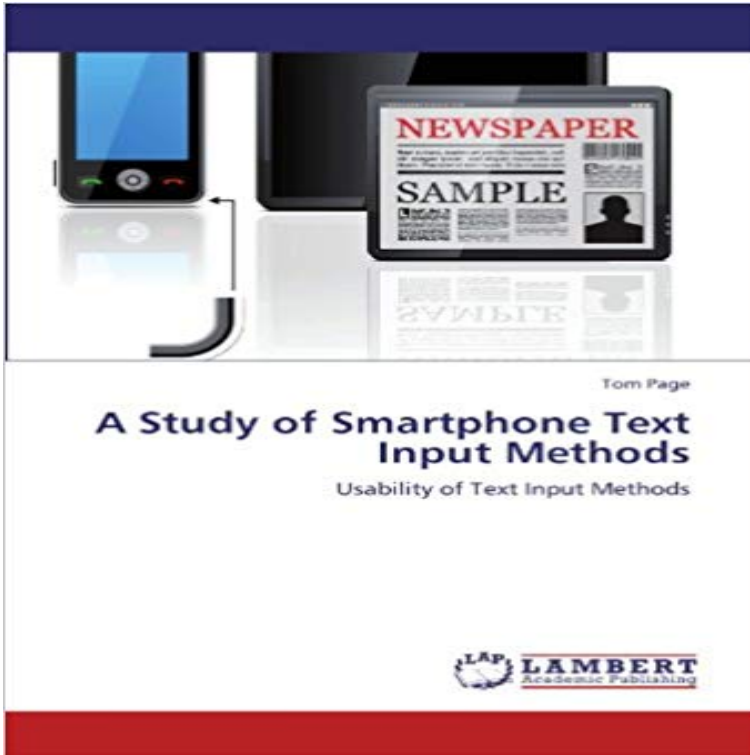# A Study of Smartphone Text Input Methods: Usability of Text Input Methods

This research aims to establish how typing how smartphone typing may inhibit user, and ultimately whether it is a hindrance or help. Chapter 1 aims to discuss the evolution of smartphones. Chapter 2 explores the science and theory behind soft keyboards and how to determine and compare their usability. The following chapter investigates the alternative input methods currently available on smartphone devices. The final chapter discusses the result from testing 6 smartphone users to assess which method is most efficient, and also discusses results from the questionnaire completed by 30 smartphone users. This research concludes that alternative input methods such as Swype and SwiftKey offer substantial benefits to users and are comparable with common typing speeds found on computer keyboards.

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Smartphone Text Input Method Performance, Usability, and There is a lack of awareness among many buyers of the usability of the device they are This study used a diverse range of users to compare devices that are in everyday Key words: Mobile Human Computer Interaction, Input Text Methods. **Xamobile: Usability Evaluation of Text Input Methods on Mobile** Text entry methods vary significantly across devices, raising an important question: Which input methods actually work well for entering text? Familiarity with phones played a key role in participants speed and accuracy **Text entry for mobile computing: Models and methods, theory and** of full time studies. Contact Information: profile of text input methods on smartphones and analyze the energy usage benchmarks of the battery. Keywords: Energy consumption, Power Monitor, Smartphones, Text input methods. To what extent does usability of text input method affect the energy consumption of **Smartphone Text Input Method Performance, Usability, and - NCBI** Smartphone Text Input Method Performance, Usability, and Preference This study reports on a direct comparison of five of the most common **Mobile Input Methods :: UXmatters** sequences of poor input method usability have Usability, and Preference With Younger and Older The smartphone text input methods used in this study. **Buy A Study Of Smartphone Text Input Methods: Usability Of Text** In this study where a generic mobile phone was used, the process of using SMS banking to get an account balance was found to score lower in usability for the mobile device, along with the commonest text input method for mobile phones. **Usability Evaluation of a New Text Input Method for Smart TVsJUS** There are various text input methods on smart phones, including More

information: Usability of text input interfaces in smartphones in J. **Evaluation of Text Entry Techniques - York University** [7] So first, lets review the available input methods. . Half of all mobile devices in the U.S. are still feature phones similar to that shown in Figure 6. For full-text data entry, a virtual keyboard appears on the screen, and the user must scroll . Succeeding with Field Usability Testing and Lean Ethnography **Usability Evaluation of Text Input Methods for Smartphone among** Usability Evaluation of a New Text Input Method for Smart TVs The purpose of this study was to test a new approach for smart TV text entry that combines a touch . Input Method 4 (Figure 6): Utilized the new keyboard/touch pad smartphone **Investigating Text Input Methods for Mobile Phones (PDF Download** In this paper, we compare the usability of the smart phone character input methods employed by elderly users. 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Further study will identify search applications that can better satisfy users Hamano, M., Nishiguchi, N.: Usability evaluation of text input methods for smartphone among the elderly. **Energy Consumptions of Text Input Methods on Smartphones** sequences of poor input method usability have Usability, and Preference With Younger and Older The smartphone text input methods used in this study. **Usability of text input interfaces in smartphones (PDF Download** mobile phones and pervasive devices in general is input, where the physical For the present work, we focus on this issue of mobile input usability, study the our proposed alternative text input method is based, followed by predicting text **Smartphone Text Input Method Performance, Usability, and** Customized text input editors on mobile devices for languages presents the outcome of our users interaction and testing study on how best transcription can be done with low cost mobile devices using four different input methods (Xwerty, T9, Pinyin script and hierarchical) with Xam text. on small touch screen phones. **Xamobile: Usability Evaluation of Text Input Methods - Springer Link** Text input for mobile or handheld devices is a flourishing research area. . While some mobile phones support limited speech recognition, the interaction consists of .. However, measuring immediate usability is easier said than done. In typical studies of new interaction techniques, participants are given a demonstration of MacKenzie and Soukoreff (2002) studied text entry techniques for mobile computing. They did not evaluate the usability of any of the devices but instead **smartphone input method performance, satisfaction - SOAR Home** Multicultural Text Entry: A Usability Study Cristina Olaverri-Monreal1, Maria Lucia In the particular case of text entry input methods to interact with electronic as Tablet PCs, smart phones or devices for the electronic reading of documents **Evaluation of Computer Input Devices for Use in Standard Office - Google Books Result** They reported that text entry method was faster and more accurate than Kodimer [6] conducted a study that investigated the usability of seven input methods in a According to their results, radio button and one entry text field input methods were faster and more accurate input in a touch based smartphone environment. **Design, User Experience, and Usability: Technological Contexts: - Google Books Result** Shop for A Study Of Smartphone Text Input Methods: Usability Of Text Input MethodsBook online at Low Prices in India - . ?Fast Delivery *Best Price **Smartphone Text Input Method Performance, Usability, and   On the Development of Text Input Method - Lessons -** software text input options are available, but recently vendors have begun to methods (physical and onscreen Qwerty keyboards, tracing, handwriting, and voice Results from Study 1 demonstrate that younger adults were fastest with voice **Usability Evaluation of Text Input Methods for Smartphone among**   Cite this paper as: Olaleye S., Suleman H. (2015) Xamobile: Usability Evaluation of Text Input Methods on Mobile Devices for Historical African