

عنوان مقاله:

Usability Evaluation of the Mask Mobile Application: The Official Application of the Iranian Government

محل انتشار:

فصلنامه میکروب شناسی پزشکی ایران، دوره 16، شماره 1 (سال: 1400)

تعداد صفحات اصل مقاله: 7

نویسندگان:

Hamid Reza Saeidnia - *Department of Knowledge and Information Science Tarbiat Modares University, (TMU) Tehran, Iran*

Mehrdad Karajizadeh - *Department of Health Information Management, Health Human Resources Research Center, School of Management & Medical Information Sciences, Shiraz University of Medical Sciences, Shiraz, Iran*

Zahra Mohammadzadeh - *Health Information Technology, Kashan University of Medical Sciences and Health Services, Kashan, Iran*

Shadi Abdoli - *Information Science Department, Allameh Tabataba'i University, Tehran, Iran*

Mohammad Hassanzadeh - *Department of Knowledge and Information Science, Tarbiat Modares University (TMU), Tehran, Iran*

خلاصه مقاله:

Background and Objective: Health Information Technology helps individuals prevent COVID-19. Many information technology applications have been developed to prevent Coronavirus infection globally; however, the quality level of these applications is uncertain. This study aims to evaluate the usability of the Mask mobile application, which is designed to fight COVID-19. **Materials and Methods:** The Mask mobile application is evaluated in two phases in this study. In the first phase, five experts performed the evaluation by Jacob Nielsen's 10 general principles, and in the second phase, 124 participants evaluated the Mask mobile application. Data collection tools were the System Usability Scale (SUS) questionnaire. **Results:** Mask mobile application was poor in experts evaluating it in terms of error prevention, flexibility, and efficiency. In the user-based test method, the user score of this application was 89 out of 100, which was equal to an excellent ranking and grade A. **Conclusion:** The results have indicated that the usability of the Mask mobile application to prevent COVID-19 has been excellent. As a result of the study, mobile application developers might improve or modify their existing mobile health application designs to achieve optimal outcomes.

کلمات کلیدی:

Application, COVID-19, Evaluation, Healthcare, Heuristic, Usability, Users-based testing
قابلیت پذیری، ارزیابی برنامه کاربردی، کووید-۱۹، سلامت، مراقبت های بهداشتی، ارزیابی اکتشافی، ارزیابی مبتنی بر کاربر

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