A REVIEW ON MOBILE HEALTH TECHNOLOGIES AND TECHNOLOGY ACCEPTANCE THEORIES

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ARTICLE INFO

Article Type:
Traditional Compilation

Keywords:

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ABSTRACT

The aim of this study is to provide e-health and its sub-concepts, usage areas and stakeholders of mobile health (m-health) services, m-health applications (apps) classification and the current state of the market, wearable technologies and technology acceptance theories used to evaluate technology usage intentions and behaviors of m-health technology users and to form a basis for future studies.

In the first part of the study, E-health including m-health technologies and other sub-concepts of E-health, Tele-health, E-learning, Electronic Health Records, Social Media, Big Data and M-Health are explained; in the second part, technology acceptance theories and models are given in details such as Diffusion of Innovation Theory, Social Cognitive Theory, Theory of Reasoned Action, Theory of Planned Behavior, Technology Acceptance Model, Model of PC Utilization, Unified Theory of Acceptance and Use of Technology and Unified Theory of Acceptance and Use of Technology 2. This article, which was prepared as a structural review, was created by scanning studies on “E-health”, “m-health technologies”, “technology acceptance theories” in the national or international literature.