The Personal Health Technology Design Space

Interest is increasing in personal health technologies that utilize mobile platforms for improved health and well-being. However, although a wide variety of these systems exist, each is designed quite differently and materializes many different and more or less explicit design assumptions. To enable designers to make informed and well-articulated design decisions, the authors propose a design space for personal health technologies. This space consists of 10 dimensions related to the design of data sampling strategies, visualization and feedback approaches, treatment models, and regulatory constraints.

General information
Publication status: Published
Organisations: Copenhagen Center for Health Technology, Department of Applied Mathematics and Computer Science, Embedded Systems Engineering, IT University of Copenhagen
Contributors: Bardram, J. E., Frost, M.
Pages: 70-78
Publication date: 2016
Peer-reviewed: Yes

Publication information
Journal: IEEE Pervasive Computing
Volume: 15
Issue number: 2
ISSN (Print): 1536-1268
Ratings:
BFI (2016): BFI-level 1
Scopus rating (2016): CiteScore 2.59 SJR 0.471 SNIP 1.418
Web of Science (2016): Impact factor 3.25
Web of Science (2016): Indexed yes
Original language: English
DOIs: 10.1109/MPRV.2016.37

Bibliographical note
Feature: Pervasive Health
Source: PublicationPreSubmission
Source ID: 123340458
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review