

NUTRITION ASSISTANT APPLICATION

Literature Survey

Submitted by

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1.A Systematic Literature Review of Nutrition-related Mobile Apps.

Authors :

1.Karan chapman-Novakofski (University of Illinosi,Urbana Champaign).

2.Juan Emilio Andrade (University of Florida).

Published :

July 2014Journal of Nutrition Education and Behavior
46(4):S187DOI:10.1016/j.jneb.2014.04.287.

To conclude, usage of apps increases the patient-provider communication and aid to Monitor patient progress through apps itself . According to DiFilippo et al. (2014), Many people are using nutrition apps in routine to explore different nutritious food And monitor themselves. There are numerous nutrition apps available, maximum of Which focus on weight loss.

2.Smartphone Applications for Promoting Healthy Diet and Nutrition.

Authors :

1.Jacobs (Food and Nutrition).

Published :

01 Jan 2015,2(3):021PMID: 26819969 PMCID: PMC4725321

Rapid developments in technology have encouraged the use of Smartphones in health promotion research and practice. Although many Applications (apps) relating to diet and nutrition are available from major Smartphone platforms, relatively few have been tested in research studies in Order to determine their effectiveness in promoting health.

3.Effects and challenges of using a nutrition assistance system.

Authors :

Hanna Hauptmann, Nadja Leipold, Mira Madenach, Monika Wintergerst, Martin Lurz, Georg Groh, Markus Böhm, Kurt Gedrich & Helmut Krcmar.

Published :

15 October 2021.

Hybrid (Transformative Journal). How to publish with us, including Open Access. Healthy nutrition contributes to preventing non-communicable and diet-related diseases. Recommender systems, as an integral part of mHealth technologies, address this task by Supporting users with healthy food recommendations. However, knowledge about the effects of The long-term provision of health-aware recommendations in real-life situations is limited. This Study investigates the impact of a mobile, personalized recommender system named Nutrilize. Our system offers automated personalized visual feedback and recommendations based on Individual dietary behaviour, phenotype, and preferences. By using quantitative and qualitative Measures of 34 participants during a study of 2–3 months, we provide a deeper understanding of How our nutrition application affects the users' physique, nutrition behaviour, system interactions And system perception. Our results show that Nutrilize positively affects nutritional behaviour (conditional $(R^2=.342)$) measured by the optimal intake of each nutrient.

4.Characteristics of Smartphone Applications for Nutrition Improvement In Community Settings.

Authors :

Emma Tonkin, Julie Brimblecombe, and Thomas Philip Wycherley.

Published :

Adv Nutr. 2017 Mar; 8(2): 308–322.

Published online 2017 Mar 10. Doi: 10.3945/an.116.013748

PMCID: PMC5347100

PMID: 28298274.

Smartphone applications are increasingly being used to support nutrition improvement in Community settings. However, there is a scarcity of practical literature to support researchers and Practitioners in choosing or developing health applications. This work maps the features, key Content, theoretical approaches, and methods of consumer testing of applications intended for Nutrition improvement in community settings. A systematic, scoping review methodology was Used to map published, peer-reviewed literature reporting on applications with a specific Nutrition-improvement focus intended for use in the community setting.

5.Smartphone Applications for Promoting Healthy Diet and Nutrition.

Authors:

Steven S Coughlin,Mary S. Whitehead,Joyce Q Sheats,Jeff Mastromonico,Dale Sharon

Hardy(Augusta University),Selina Smith(Augusta University)

Published :

All content in this area was uploaded by Selina Smith on 02,2017.

Background: Rapid developments in technology have encouraged the use of smartphones in Health promotion research and practice. Although many applications (apps) relating to diet and Nutrition are available from major smartphone platforms, relatively few have been tested in Research studies in order to determine their effectiveness in promoting health. Methods: In this Article, we summarize data on the use of smartphone applications for promoting healthy diet and Nutrition based upon bibliographic searches in PubMed and CINAHL with relevant search terms Pertaining to diet, nutrition, and weight loss through August 2015. Results: A total of 193 articles Were identified in the bibliographic searches.