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S.No	Title of the paper	Author	Year	Abstract
1)	Critical Approaches in the Design of a Mobile Phone Diet Application For Prolong Use	Ahmad Fadhil Bin Yusof, Noorminshah A. Iahad, Abdul Hafidz Omar	2013	Many mobile phone diet applications are available today, most of which are free for the user to download on their mobile phone. However, findings have reported that, the existing applications for diet management are not very effective for prolonged use. The statistics have also shown that the rate of obesity in Malaysia is increasing over time. Thus, strategies to design and develop a new mobile phone diet application must be developed. This paper reviews previous research to observe the implementation of diet management elements in existing mobile phone applications. The aim of this review is to improve current mobile phone diet application development efforts towards effective diet management in terms of prolonged usage by identifying the effective approaches from previous research. This paper not only includes a review of relevant journal papers but also a review of the various available online diet management systems. This approach is used to identify the current trends in the implementation of mobile phone diet applications. The main finding of this review is a conceptual model that consists of an important approach to the design of mobile applications for diet management developed so that users will use the application long-term. Additionally, it is hoped that the conceptual model will prove helpful for health practitioners or mobile application developers in the development of an effective mobile diet application for successful long-term diet maintenance. Ideally, our approach will aid in overcoming obesity, which is a well-known disease in many countries today.
2)	E-Assistant for Your Food Services in Pandemic	Raghav Kumar, Ritu Gupta	2021	In today's digital world, the use of internet forums and applications has grown to an almost universal level in almost every activity related to our health. Many people now rely on various desktop applications and other e-assistants (such as google assistant, Siri, hound, almond) for their daily activities. In a similar vein, this research paper proposes an e-helper that meets all of human nutrition-related needs. It offers all the resources from finding ingredients, preparing and cooking recipes to finding a restaurant near your food delivery options. this e-food helper works well even in situations such as the covid epidemic where all other delivery facilities are not available, one can easily cook a restaurant as food with its help. This recipe app works on consumer desktop as a collaborative desktop app. The proposed program uses real-time indicators of food ingredients, and recommends recipes related to known food ingredients. Thanks to visual recognition, by simply pointing the camera built into the desktop in the ingredients, the user can cook the related instant. The purpose of this proposed program is to help cooks decide on a recipe for groceries or kitchens. In the current application, the system can detect multiple types of food ingredient in 0.15 seconds, and in this application, we can make any recipe according to the person's number and we can also say that it will give the result according to the person's cooking number. any recipe. Online food recipes are an important source of information for many individuals, who use these to learn how to cook new dishes and choose their meals.

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3)	E-health Web Application Framework and Platform Based on The Cloud Technology	Jun Lu, Song Zhang	2013	This project deals with E-health web application framework, cloud platform and responsive web design which aim to adjust the presentation on mobile devices. This work presents the whole development process of the self-care management web-app framework which provides instructive supports for future other E-health field application. The report consists of the following main parts: analysis, design and implementation, and evaluation. Literature review and internet search are main methods for making an investigation on existing systems and related works. A prototype is developed by using .Net, CSS3, Java script and HTML5 technologies. The system test and evaluation is made to show the system's usability.
4)	Precision nutrition	Daniel Kirk , Cagatay Catal, Bedir Tekinerdogan	2021	Precision Nutrition research aims to use personal information about individuals or groups of individuals to deliver nutritional advice that, theoretically, would be more suitable than generic advice. Machine learning, a subbranch of Artificial Intelligence, has promise to aid in the development of predictive models that are suitable for Precision Nutrition. As such, recent research has applied machine learning algorithms, tools, and techniques in precision nutrition for different purposes. However, a systematic overview of the state-of-the-art on the use of machine learning in Precision Nutrition is lacking. Therefore, we carried out a Systematic Literature Review (SLR) to provide an overview of where and how machine learning has been used in Precision Nutrition from various aspects, what such machine learning models use as input features, what the availability status of the data used in the literature is, and how the models are evaluated. Nine research questions were defined in this study. We retrieved 4930 papers from electronic databases and 60 primary studies were selected to respond to the research questions. All of the selected primary studies were also briefly discussed in this article. Our results show that fifteen problems spread across seven domains of nutrition and health are present. Four machine learning tasks are seen in the form of regression, classification, recommendation and clustering, with most of these uti-lizing a supervised approach. In total, 30 algorithms were used, with 19 appearing more than once. Models were through the use of four groups of approaches and 23 evaluation metrics. Personalized approaches are promising to reduce the burden of these current problems in nutrition research, and the current review shows Machine Learning can be incorporated into Precision Nutrition research with high performance.

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5)	Cloud Computing Based Systems for Healthcare	Vladimir Stantchev, Ricardo Colomo-Palacios, Michael Niedermayer	2014	The emergence of cloud computing leads to new develop- ments for diverse application domains. This is particularly true for healthcare with its tremendous importance in today's society, thus making it worth to investigate the relevant per- spectives and insights. In this special issue, readers will find the foundations together with cutting-edge developments in the state-of-the-art of cloud computing-based systems for healthcare. Cloud computing is getting increasing attention and represents nowadays one of the most important research topics in computing science and information systems. Cloud computing refers to both the applications delivered as ser- vices over the Internet and the hardware and software systems within the data centers which provide those services. Cloud is now seen as a valid strategy and specific applications based on these technologies have become widespread. HealthCare, as with any other service operation, has been impacted by the cloud computing phenomenon with the literature reporting both benefits and challenges of cloud computing in the area. However, the evolving nature of science and technology creates new scenarios that must be studied using interdisciplinary and holistic means. The aim of this special issue was to collect innovative and high-quality research contributions regarding the advances in the healthcare domain that are enabled by the use of cloud computing architectures and techniques. The focus is intended to be integral for cloud computing in health- care, but emphasizing not only the IT side of the phe- nomenon but also the managerial and the health practitioner side.