

عنوان مقاله:

A Multi-layer Architecture Based on MCDM Methods to Select the Best E-Readiness Assessment Model According to SWOT Analysis

محل انتشار:

مجله پیشرفت در مهندسی کامپیوتر و فناوری، دوره 3، شماره 2 (سال: 1396)

تعداد صفحات اصل مقاله: 10

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خلاصه مقاله:

E-readiness is one of the major prerequisites for effective implementation of e-government. For the correct implementation of e-government, it is needed to accurately assess the state of e-readiness in desired community. In this regard, there are models to assess, but the correct choice of model is one of the most important challenges in this area. The process of evaluating and selecting the appropriate options in the implementation of e-government due to the involvement of different groups of decision-makers, existence of interrelationships between technology and desired community as well as existing platforms is a complex process. In recent decades, with access to computational methods and powerful decision making systems selecting more accurate options, effective analysis of qualitative and quantitative characteristic and studying the interaction between them are provided. This article tries to examine the performance of e-readiness assessment models and multi criteria decision making methods and introduces the best selection of the e-readiness model for effective implementation of e-government. In order to reach this purpose, we introduced a layered architecture based on multi-criteria decision making methods and SWOT Analysis. The proposed layered architecture, reduces decision making errors and increases the accuracy in choosing the appropriate e-readiness assessment model.

کلمات کلیدی:

E-government, E-Readiness Assessment Models, Multi-Criteria Decision Making Methods, Layered Architecture

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