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Applying an Information Quality Evaluation Criteria to Ahfad Integrated Information System

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Abstract

An organization depends on quality of information for successful operations and decision-making. There is still no agreement as to how quality should be defined in terms of specific quality categories and criteria.

This study is an explorative study that aimed at examining the quality of information produced by the automated systems. The objectives of the study were to investigate quality, framework, consistency and scope of information. The methodology used to complete the study was qualitative approach were questionnaire was used as the tool for data acquisition. Secondary data was acquired from reports and other relevant literature on the subject matter. SPSS was the statistical package used for the data analysis. Results were represented in the form of percentages. The most important finding of the study was that, the proposed information quality frameworks have limitations with respect to either consistency, resulting from a non-theoretical approach to framework development, or scope, considering only objective but not subjective information quality perspectives.

المستخلص

تنظيم العمل المؤسسى يعتمد فى الاساس على نظم التشغيل الناجحه ذات الكفاءة واتخاذ القرار الصائب ، مع الاخذ فى الاعتبار ان هنالك عدم توافق حول تحديد دقيق لمفهوم الجوده وفقاً لمعايير محدده.

وهذه الدراسه هى إستقصاء يهدف الى اختبار مدى كفاءة جودة المعلومات الناتجه من نظم الحوسبة ، كذلك تهدف الدراسه الى تحرى ثبات واستمرارية حيز المعلومات.

منهجية البحث فى هذه الدراسة تعتمد المدخل الكمى القائم على جمع المعلومات عبر استبيان حيث تم اخذ المعلومات الثانوية من بعض المواد المتاحه ذات الصلة مثل التقارير ، وتم الاعتماد على كخدمة احصائية لتحيل المعلومات كذلك تم إدراج النتائج فى شكل نسب مئوية.

من اهم مستخلصات هذه الدراسة ان نظم الجوده المعلوماتية المقترحه فى الدراسة ذات صفة محدده فيما يتعلق بالاستمراريه والثبات نظراً لعدم توافر المدخل النظرى ، حيث إعتمدت الدراسه الايجابيات المتعلقه بموضوع البحث.

1.1 Introduction

Information quality is a term to describe the quality of the content of Information System, and to desirable characteristics of the system outputs; that is, management reports. For example: relevance, understandability, accuracy, conciseness, completeness, currency, timeliness, and usability

1.2 Research Problem

Evaluation of information quality is a substantial requirement in building productive, efficient, effective and usable systems. The idea of this research is to evaluate the quality of the information system used.

1.3 Research Objective

The objective of this study is to evaluate the level of information quality in Ahafad integrated information system using.

1.4 Research Tools

To achieve the goals and analysis approach is used to analysis the collected information and to deduce the results.

In this research we used the questionnaire that contain 20close questions see (Appendix) based on quality evaluation framework proposed by [31]with a five answer (1=strongly agree 2= agree 3= neither 4= strongly disagree 5=disagree) .

1.5 Research Organization

This research consists of five chapters. Chapter two discusses criteria for measuring information success with six major dimensions of success includes: system quality, information quality, use, user satisfaction, Individual Impact, and Organizational Impact.Chapter three focus on how to measure information quality. And chapter four is dedicated for measuring the information quality in Ahfad Integrated InformationSystem. And chapter five includes conclusions and recommendation to improve instrument to measuring information quality in the future.