
The Digital Transformation at the Holy Capital's (Makkah) Municipality from the Employees' Perspective: A Case Study

Fatin N. Alsobhy
Dr. Mazin O. Khairo
Umm Al-Qura University, Saudi Arabia

Abstract:

The current study mainly aims to identify the challenges facing the Holy Capital Municipality regarding digital transformation from the perspective of its employees. These obstacles were divided into four sections: the extent of administrative readiness for digital transformation, technical obstacles, obstacles facing human resources management, and administrative and financial obstacles. The study was based on a sample of (150) employees of the Holy Capital Municipality. The study as a whole reached the following results:

1. The overall average degree of availability of administrative readiness for digital transformation was “Agree,” with an overall average of (3.54) and a standard deviation of (0.983).
2. The overall average degree of approval for technical obstacles was “I agree,” with an overall average of (3.43) and a standard deviation of (0.921).
3. The overall average degree of approval of organizational and human obstacles was “neutral” with an overall average of (3.13) and a standard deviation of (1.001).
4. The overall average degree of approval of administrative and financial obstacles was “neutral” with an overall average of (3.38) and a standard deviation of (0.875).

This study also recommended the need for senior management in the Holy Capital Municipality to adopt all creative initiatives seeking to implement digital transformation by holding workshops and training courses for those responsible for providing services in the Holy Capital Municipality, and training them to spread the organizational culture that supports digital transformation, since digital transformation requires the availability of high skills that are not It is limited only to administrative skills. Rather, it is necessary to combine administrative and technological

skills by training those involved in providing services to use technological means in a way that facilitates the process of providing the service and overcomes the problems facing the beneficiaries.

Keywords: Digital Transformation, Holy Capital's Municipality, Administrative Readiness for Digital Transformation, Technical Obstacles for Digital Transformation, Obstacles Faced by Human Resources for Digital Transformation, Administrative and Financial Obstacles for Digital Transformation

The Role of Archival Institutions in Introducing Educational Services

Dr. Salwa Ali Melad
Professor of Documents and Information
Faculty of Arts – Cairo University

Abstract:

This research aims to show the importance of educational services in archival institutions, and to aware Arabic archives about the necessity of beginning this kind of services, which began in international archives from the fifteenth of the twentieth century. The educational services provided by archival institution are important in education; because students practice how to get information by themselves from archival materials, perform their opinions and views freely, far from the scholar narrative books and to encourage them developing their intellectual ideas and skills of analysis and discovery. The research uses the descriptive and analytical method and case study, which performs templates from international archival institutions and their educational services, in addition case study for the national Egyptian archive. The research ends with some important results and recommendations.

Keywords: Archival functions; Archival services; Educational archival services; Co-operation between archivists and educators.

Guidelines for Taxonomy Building in National Library Sites.

Dr. Eman Attia Sayed
Lecturer of Library and Information Science
Faculty of Arts – Fayoum University

Abstract

The study aimed to develop proposed guidelines for building taxonomies in national library sites. This is to come up with a set of guidelines that work to adjust the classification of the site structure in Taxonomy, the study produced a set of proposed guidelines that would regulate and govern the taxonomic constructions of national library websites in particular, and websites in general, and its application in information sources available on the internet. The total number of proposed guidelines was fourteen, including a number of indicators, through which the classification structure of national library websites in particular, and websites in general, can be monitored and controlled.

Keywords: Taxonomy; Taxonomic Construction; Taxonomic Construction Standards; Characteristics of taxonomy construction; Websites; National Libraries.

The Role of Ontologies in Knowledge Representation with Artificial Intelligence: A Literature Review

Mostafa Mohamed Ibrahim El-Helaly
Assistant Lecturer of Library and Information Science
Faculty of Arts - Cairo University
mostafaelhelaly@gmail.com

Abstract

This study aims to the rooting of both applied and theoretical concept of knowledge representation systems and their role in information retrieval. Also, it intends to detect the most prominent knowledge representation of different systems while focusing on Ontology systems as one of the most prominent knowledge systems. Also, one of this study's major goals is the attempt to monitor the role that these knowledge representation systems play, especially the Ontology systems, in supporting the artificial intelligence techniques in their indexing process. Moreover, this study attempts to verify the role of the Ontology systems and its gains in the framework of its employment within the Natural Language Processing systems (NLP). In In this context, the study seeks to survey and collect the intellectual production issued in both Arabic and English about The Role of Ontologies in Knowledge Representation with Artificial Intelligence, in general, and what is related to constructing ontology practically and linking it to artificial intelligence techniques. with the aim of identifying the characteristics of intellectual production about the study and analyzing its characteristics. Thematic, Objective, linguistic, and qualitative, depending on the descriptive approach by survey Method. The Researcher collected 41 items covering the period from 2012 to 2023 in Different forms like articles, conference works and scientific theses The study reached a set of results, the most important of which is the lack of intellectual production regarding the topic of "constructing ontology practically and linking it to artificial intelligence techniques," as the percentage of studies on this topic amounts to 5.5% of the total published intellectual production.

Keywords : Knowledge Representation; Ontology; Artificial Intelligence; Natural Language Processing; Information Retrieval.

Enterprise Resource Planning (ERP) in Educational Institutions and Libraries: a literature Review

Yasmine Ashraf Hafez

**Assistant Lecturer, Dept. of Library, Archives & Information
Faculty of Arts. Cairo University**

Abstract

The study examines the concept of Enterprise Resource Planning (ERP) and how it can be applied in educational institutions and libraries. The study provides a comprehensive scientific review of the literature in the field of ERP and its role in enhancing the efficiency and effectiveness of operations in these types of institutions. This study aims to track and survey the Arabic and foreign intellectual production on the subject of ERP in educational institutions and libraries from 2019 to 2023, to generate quantitative and objective indicators of the bibliographic characteristics of the published intellectual production. The study follows a descriptive survey methodology. The study concluded several results, including the dominance of foreign intellectual production on the subject over its Arabic counterpart. Additionally, the study identified approximately 106 studies on the topic, with the year 2020 being the most prolific year for related studies, accounting for thirty-nine studies out of the total.

Keywords: Enterprise Resource Planning (ERP); ERP Software; Educational Institutions; Libraries