

Blockchain Technology: An analytical and Comparative Study

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Abstract:

This study includes legal facts about the most prominent issues relating to blockchain technology based on a number of considerable legal facts coupled with technological ones. It includes the most important descriptions of blockchain technology, as well as its most significant synonyms and definitions in order to identify its main characteristics, mechanism of work, and the significant applications and uses relying on this technology. Moreover, the study examines the stands of states and international entities on this technology. Stands of states include the Kingdom of Bahrain, the United Arab Emirates, the United Kingdom, the United States of America, and Switzerland. Stands of international entities have of the International Monetary Fund, the World Trade Organization, and UNICITRAL.

To achieve the above, the study is divided into two main parts. The first part tackles the main dimensions of blockchain technology. The second part clarifies international stands on this technology. The study's conclusion contains results and recommendations that could be put into practice soon. The study uses four approaches: comparative, analytical, inductive, and historical.

Keywords: Blockchain; Mechanisms; Characteristics; Synonyms; Applications; Comparative Legislation; International Entities

The Role of Public Libraries in Supporting the Civic Technology Movement: Initiatives and Projects Foreign and Arab public libraries in the field of civic technology

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Abstract:

This study dealt with the study of the topic “The role of public libraries and their services in supporting Civic Technology through the study and evaluation of initiatives/projects of foreign, Arab public libraries in the field of civic technology.” The study relied on the use of the “survey” approach to conduct a survey process to search for public library initiatives/projects in the field of civic technology, by browsing the websites of public libraries on the Internet, and 45 initiatives/projects for public libraries in the field of civic technology were selected, divided into (23) A foreign project, 22 initiatives and projects for Arab libraries, and the study relied on using the Check List and the most important results of the study were as follows- :

- There are many initiatives/projects of public libraries in the field of civic technology support, some of which were chosen as a sample for the study.
- These projects are classified into civic technology initiatives/projects undertaken by public libraries to serve societal purposes, and projects to serve civic political purposes.
- The superiority of foreign public libraries projects over their Arab counterparts in the field of supporting the civic technology movement.

Also recommended Applying the proposed vision to activate the participation of Egyptian public libraries in the civic technology movement, in addition to the necessity of activating the vision of those in charge of public libraries about the importance of the pioneering role played by public libraries in supporting the movement of participation and community integration.

Keywords: Civil Technology; Government and Citizen and Technology;
Civil Technology and E-government

An Exploratory Study for the Efficiency of Computer Design Courses for Interior Design Students

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Abstract:

Design is a journey that includes both intellectual and tangible tools for the purpose of reaching the design goal, digital media programs have become an essential necessity in the interior design profession for being capable of making complex tasks in a short time and effort, unlike manual drawings that requires high level of skills, concertation, and time. The purpose of this study is to identify the efficiency of teaching digital media programs in Computer Design courses at the Department of Interior Design, and the importance of applying digital media in its curriculum and its effect after graduation. The researches designed a survey instrument based on previous studies as a tool to inspect the goals of the study, advantages of the course, obstacles facing the students, and their future goals after passing this course. The results acquired by the researchers from the survey and inspection of class projects proved the efficiency of Computer Design courses for other design courses and displayed a positive relationship in shaping the students' skills to produce clear and professional interior drawings as well as motivate them to perform better.

Keywords: Interior Design; digital media; educational curriculum

Limited Scope Electronic Training Platform Design Standards SPOCS

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Abstract:

The aim of the current research is to define the main areas that consist of the list of criteria for the design of limited-range training platforms Spocs and to achieve the objectives of the research has relied on the descriptive curriculum, which describes what is an object and interpretation and this curriculum was used to describe and analyse previous research and studies to arrive at a list of criteria for the design of Spocs-limited electronic training platforms, After adjusting the list of criteria and presenting it to a group of arbitrators and making the amendments referred to by the arbitrators, the criteria included: General Description (4) Training Design of Content (8) Trainee Characteristics (5) Quality of Multimedia Design of Training Content (10) Electronic Support within Spocs Limited Range Electronic Training Platforms (6) Support trainee control in Limited Range Electronic Training Platform (Spocs) (9) Training support sources within the e-training platform of limited scope (Spocs) (4) Support interaction in building electronic training (8) Evaluation of trainee performance in activities and tests (9) Documentation and benchmarking (3) as a criterion, thus finalizing the list of criteria consisting of 10 main criteria and 66 indicators. The list can be presented in its final form. In the light of the results, a series of recommendations and proposals have been made.

Keywords: Electronic Training Platform; SPOCS; Training Platform Design Standards

Arab Dissertations on the Web :A Scientometric Study

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Abstract:

The study aims to monitor and analyze the Arab academic dissertations on the Web. Accordingly, the study recognizes the map of the thematic tendencies, its linguistic distribution, and its development since the origin of web. It also reveals the temporal and geographical distribution in terms of universities and Arab countries. The study adopts the survey methodology, descriptive and analytical, to monitor and analyze the digital master's and doctoral theses available in full text on the Web in the Arab World until (2019) in Arabic and foreign languages in all fields of human knowledge. The sample includes all individuals of the study population that includes all Arab dissertations available in the official digital repositories and websites of Arab universities. In that, the study depends on observation and statistical methods to collect data in order to reach the required indicators. Furthermore, the study has found many results; Among them, the number of Arab academic institutions that provide research and review of bibliographic data and the full text of academic theses has reached 62 in terms of specific distributions as master's theses hit (75%) while doctoral theses (25%). Social sciences ranked first in thematic specializations at 34%, and Arabic represented the largest percentage of Arabic dissertation languages at 53%. The period between 2015 and 2019 recorded the largest percentage of the number of dissertations available on the web. Algeria ranked first among the Arab countries in providing full texts of dissertations at 45%. Moreover.

Keywords: Scientometric studies; Arabic Dissertations; Arabic Thesis; Digital repositories; Information measurements

Cloud computing concept and disaster recovery service

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Abstract:

This study aims to identify cloud computing and its concept in relation to records and archives specialists ,and its models and layers, in addition to addressing the classifications of disasters that affect electronic records stored in the cloud, with the presentation of the specifications of the disaster recovery plan that must be available in order to reach the disaster recovery service in cloud computing, and this study recommends the necessity of The records and archive specialist communicates with information technology specialists and other professionals, and establishes new partnerships, and then develops new roles and tasks for specialists and specialists, and accountability arising from information and communication technologies.

Keywords: Cloud computing; The Cloud; Disaster Recovery; Records and Archive Specialists