

Science integrity software in intellectual production with planning to develop an Arab program

Dr. Ahmed Abdel Hamid Hussein Saleh

Assistant Professor, Department of Library, Archives and
Information Technology Faculty of Arts - Cairo University

Abstract:

The study deals with plagiarism detection applications in research writings to achieve integrity in scientific research. It discusses their functions, the reasons for their appearance, their types, and the most known of them. The study proceeds to put a planned design for a proposed application suitable for the Arabic environment, by identifying its aspects, the intended writings for detection, its objectives, the responsible entity, and its databases, providing a clear description of the way it works based on the descriptive, in its survey method.

The study concluded that there is an urgent need to use software to detect plagiarism, as it is dangerous and an infringement of the intellectual rights of others. The study recommends the necessity to use these applications in universities and research centers, and the need to design an Arabic application adapted to the nature and structures of the Arabic language, and the nature of the Arabic environment.

Keywords: Plagiarism - Plagiarism Software - Scientific quote

Arabic academic digital libraries evaluation: the methods and measurements, from user's perspective

Dr. Elham Abied

Deputy library director for academic services
British university in Egypt

Abstract:

The article deals with evaluation methodologies of academic digital libraries' usability, which were presented from two points of view. the first shows these methods divided according to the Application style either the Inspection method or the experimental one. the second highlights it divided according to the evaluation process stages. Also outlines Data collecting methods and tools of usability evaluation are divided according to the extent of users' participation in the evaluation process and to the extent of dependency on usability experts in the evaluation process execution.

also highlights the digital library evaluation measures, the factors affecting it, and the interrelations among to select the most appropriate, common, and used ones. this is can be a basis of a suggested evaluation model for the academic digital libraries from its user's and the developing expert's opinion. these measurements have been presented divided into measures related to digital library interfaces and measures related to these systems' users' preferences and opinions. the article concluded that it could develop an evaluation model for the Arab academic digital libraries from its users' and develop experts' points of view using usability. usefulness and accessibility measurements.

Keywords: Digital library evaluation – Evaluation methodologies – Evaluation measurements

The Efficiency of Teaching Process of Applied Courses on Distance Learning Platforms: An Applied Study of Several Interior Design Courses

Dr. Fawzi Ali Abdul Rahman Al-Zamil

Dr. Hayaa Ahmed Ali Al-Qandi

Dr. Mohamed Abdel Latif Samak

Abstract:

The traditional education system has contributed to the industry and development of human civilization, and the educational system is considered the most important in various developed countries, and the demand for it and awareness of its importance in developing countries that seek development, but in light of the Corona pandemic and with the beginnings of 2020, education in the whole world has shifted to distance education and this was Moving quickly, which did not give the teacher enough opportunity to perform the educational process in an optimal manner, and each group worked hard to develop methods of dealing with education through the pros and cons of the outcomes of that process.

The applied courses are of a special nature that impose different mechanisms from their theoretical counterpart, so it was required to develop and develop the traditional method, and individual judgments emerged. Teaching applied courses by arriving at innovative methods in dealing with those courses. Two questionnaires were used for the teaching and training staff, as well as measuring student outcomes to show the efficiency of these experiences in distance education.

The results showed, emphasizing the need for the distance teaching process to succeed only through a comprehensive change in the mechanisms and method used to develop effective educational strategies and address the current critical global issue of Covid-19. In order to design an online learning environment, it is necessary to focus on the cognitive, motivational, and social aspects of the student, And the teacher.

Keywords: Distance education (Remote Learning) - electronic platforms - teaching efficiency - applied courses

Electronic course platforms in the field of libraries and information: a schematic study

Shaima El-Sayed Mahmoud Mohamed
Ph.D. Researcher

Abstract:

This study is aiming to identify the requirements and methods for implementation the electronic courses in the libraries and information science, in order to propose an actual plan to be used to implement educational platforms. The proposed plan was used and a platform was implemented for the electronic courses of the Institute of National Planning. The study also relied on a quantitative descriptive checklist. Where it contains all the standards and indicators that must be available in the platforms, and The study came out with a set of results, the most important of which is that the proposed plan consisted of 7 elements that clarify the details and steps for creating a platform, while the actual implementation stages of the Institute of National Planning platform consisted of 9 steps, which indicates a difference from the platform to another according to the nature of the work of each educational institution.

Keywords: Educational technology - educational platforms - library and information science - online education – E-learning.

Big Data in Libraries, Definition and Importance

Dr. Ahmed Saad Eldin Bassiouny
Senior Specialists - Rare Books
Library of Alexandria

Abstract:

The analysis of big data is one of the most important sources of information that have appeared in recent years in various fields of production and service, including libraries, and despite its spread, the spread of studies around it, it has not been accompanied by worthy follow-up from Arab libraries, Arab researchers, especially with the frequency of the results of these studies in quantity, Importance the benefits extracted from analyzing big data, whereas the process of analyzing big data is still new, unconventional and not prevalent in our Arab libraries, our Arab research, it was necessary for us to identify, disclose, indicate the importance to keep pace with the technological progress, requirements for needed implementations to us, The aspects of benefiting from it in our Arab libraries, the difficulties that impede the application, and the role of librarians in the face of big data.

The researcher used the documentary research method represented in reviewing the published intellectual production, and searching in relevant previous studies using the descriptive analytical method to analyze the content.

Keywords: Big data, big data in libraries, the effects of the data revolution, the challenges of the data revolution.

Digital Transformation at the Age of Big Data: Literature Review

Mustafa Mohamed Ibrahim Al-Hilali

Abstract:

Digital transformation has seen many developments because of what information and communication technologies have contributed to a radical change in digital transformation projects, and among these technologies is “the applications of big data technologies” and other various modern technological techniques, the topic of this study is “digital transformation at the age of big data”.

This study aimed to review the literature of intellectual production specialized in the topic of "Digital Transformation at the Age of Big Data", which contains 27 items with the aim of identifying its features and analyzing its objective, temporal, qualitative and linguistic characteristics.

Between the most prominent findings of the study; The need to work on increasing intellectual production written in Arabic on digital transformation at the age of big data, as well as the need to pay attention to the practical and applied aspect related to experiences of digital transformation projects using modern technological techniques in general and using the applications of big data technologies in particular.

Keywords: Digital Transformation, Digitization, Big Data, Digital Transformation at the age of Big Data, Digitization at the age of Big Data.

Using mobile applications to support the services of archaeological museum libraries in Greater Cairo: An empirical analysis

Dr. Samira Ahmed Fahmy Abdel Ghani
Assistant Professor, Department of Library, Archives and
Information Technology Faculty of Arts - Cairo University

The study defined the mobile phone applications in terms of their origin, configuration requirements, and various use in libraries around the world, especially museum libraries. The checklist was used to evaluate these applications, and this list has been divided into twelve sections, each section dealing with a specific aspect of evaluating these applications to learn about their origin, design, characteristics, functions, and services provided through them. The study aimed to prepare the first Arabic mobile application to introduce the libraries of archaeological museums in Greater Cairo and link them to each other and help the beneficiary to access their holdings. Museum libraries were chosen because of their importance which comes from the importance of museums themselves as institutions for preserving heritage and artworks of archaeological value. The descriptive and analytical approach was used to collect and analyze data related to the objectives of the study and thus to identify the extent of the ability of archaeological museum libraries to prepare these applications and the extent to which the beneficiaries accept this new application based on a questionnaire prepared by the researcher to find out its strengths and weaknesses.

Keywords: Mobile applications; Smartphones; Archaeological museums; Museum libraries