TAG-ITI

Talal Abu-Ghazaleh Information Technology International

Newsletter

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TAG-ITI E-Solutions Develops New Registration System for TAG-Digital University

AMMAN – 12/06/2016 - The TAGITI E-Solutions department has developed a new registration system for the Talal Abu-Ghazaleh Digital University (TAG-DU).
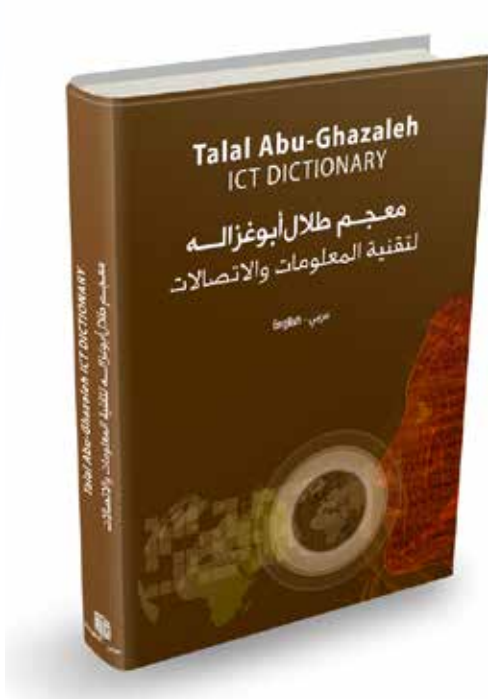
TAG-DU is one of the newest initiatives launched by Dr. Talal Abu-Ghazaleh, which aims to disseminate Massive Open Online Courses (MOOC's) in order for students to accumulate points− for acquiring an MBA from TAG-DU.

The developed registration system will allow students to enroll in MOOC courses and have a profile through which they can monitor the progress of their studies with TAG-DU.

Mr. Reyad Noubeh, E-solutions Executive Director said, "The importance of having a reliable registration system is essential for any educational provider to have. The development of a customized registration system for TAG-DU will help students to keep full track of their courses throughout the duration of their studies."

Meanwhile, Mr. Mohammad Al Otaibi, JAVA team leader said, "We worked very hard with the TAG-DU to develop a customized registration system suited to their needs. The final system comprehensively addresses their requirements for such a system."

Second Version of TAG ICT Dictionary Launched

AMMAN - 15/06/2016 – The second version of the Talal Abu-Ghazaleh ICT Dictionary has been produced after the success of the first version. The dictionary has been updated and provides new sets of ICT terms, definitions and technologies that are most commonly used in the ICT industry, translating from English terms to Arabic meanings.

HE Dr. Talal Abu-Ghazaleh, chairman of Talal Abu-Ghazaleh Organization (TAG-Org), is passionate about technology and indicated in the Dictionary's introduction that ICT plays a significant role in our lives and helps to transform societies into knowledge based ones.

He added that the contribution value of individuals or groups is measured based on the contributions produced by thought and innovation.

For example, it has been easy and necessary to teach the new generation throughout all stages using electronic means, business, banking and government administration.

Dr. Abu-Ghazaleh reiterated his intention to continue updating and developing the dictionaries issued by TAG-Org which are, in addition to TAG-ICT Dictionary: Talal Abu-Ghazaleh Intellectual Property Dictionary, TAG Dictionary of Legal Terms, TAG Accountancy and Business Dictionary, Talal Abu-Ghazaleh Dictionary of Patents and Talal Abu-Ghazaleh Collocations Dictionary.

He also explained that these publications aim at enriching the Arabic language references and contribute to knowledge dissemination amongst students and all business sectors through specialized scientific and professional publications

Why Is IT Audit Important ?

AMMAN – 29/06/2016 - Many organizations are spending large amounts of money on IT because they recognize the tremendous benefits that IT can bring to their operations and services. However, they need to ensure that their IT systems are reliable, secure and not vulnerable to computer attacks. An Information Technology (IT) Audit is an audit of an organization's IT systems, management, operations and related processes.

The objectives of IT audits include:
- Evaluating the reliability of data from IT systems which have an impact on the financial statements of the organizations.
- Ascertaining the level of compliance with the applicable laws, policies and standards in relation to IT.
- Checking if there are instances of excess, extravagance, gross inefficiency tantamount to waste in the use and management of IT systems.

Generally, an IT audit is carried out as follows:

1. Establish the IT audit objectives and scope.
2. Develop an audit plan to achieve the IT audit objectives.
3. Gather information on the relevant IT controls and evaluate them.
4. Perform audit tests.
5. Report on the IT audit findings.

Many users rely on IT without knowing how computers work. A computer error could be repeated indefinitely, causing more extensive damage than a human

mistake. An IT audit helps to reduce risks of data tampering, data loss or leakage, service disruption, and poor management of IT systems.

An IT audit is important because it gives assurance that an organization's IT systems are adequately protected, provide reliable information to users and properly managed to achieve their intended benefits.

In performing IT audits, the IT auditor also checks for compliance with the relevant policies, standards, laws and regulations on information and related technology, and uses IT audit tools, technical guides and other resources recommended by ISACA (Information Systems Audit & Control Association).

An IT audit may be carried out in connection with a financial audit or as a selective audit in its own right. As the records, services and operations of many organizations are often highly computerized, there is a need to evaluate the IT controls in the course of an audit of these organizations.

Source: Auditor-General's Office – Singapore – (AGO.gov.sg) Official website

http://www.ago.gov.sg/docs/default-source/brochure/197b4897-87d6-477d-9bc2-d06afa225a41.pdf

DARPA is Looking to Make Huge Strides in Machine Learning

PORTLAND, OREGON – 23/06/2016 - The U.S. Defense Department's research and development arm is offering to fund projects that will simplify the massively complex task of building models for machine learning applications.

Models are a fundamental part of machine learning. Similar to algorithms, they help teach computers to, say, identify a cat in a photo, forecast weather from historical data or sort spam from legitimate email.

But writing the models takes time and requires many skills. Typically, data scientists, subject matter experts and software engineers all have to come together to develop the model.

When New York University researchers wanted to model block-by-block traffic flow data for the city, it took 60 person-months of work by data scientists to prepare the data for use and an additional 30 person-months to develop the model.

The Defense Advanced Research Projects Agency (DARPA) wants to change that.

It's proposing research into "automated model discovery systems" that would allow a subject matter expert with no data science expertise to create a model.

The Department of Defense sees great potential for machine learning, especially as the volume of open-source data available continues to increase year after year.

DARPA said it envisages models that help decision makers predict behavior, such as the movement of enemy troops during a conflict, and envisage scenarios, such as weather and traffic. It could even be used to figure out where to best place personnel within the DOD.

Driving the project is not just the need to save time and money. DARPA cites predications that the world could be short of up to 180,000 data scientists this year alone, and that shortfall could get worse in coming years.

The Data Driven Discovery of Models (D3M) project will take place over two phases of 24 months each.

Source: IT World's official website (Itworld.com)

http://www.itworld.com/article/3088309/darpa-is-looking-to-make-huge-strides-in-machine-learning.html

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