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FORWARD

By the grace of Allah, it is a great pleasure to introduce the third issue of the first volume of The International Journal on Islamic Applications in Computer Science and Technology

The success and the welcome of the first and second issues of this Journal by researchers from many countries, gave us great encouragement for continuing issuing in the due time. This Journal is aimed at publishing original research papers in the field of Islamic Applications in computer science and technology. This field is catching a momentum in the recent years. As a Journal interested in this field, it is the first International Journal of its specific field. As research is growing in this field, we hope that this Journal will be a platform for researchers working in the field to publish their research. This issue contains four papers.

The first paper is entitled:

M-Tajweed: A Mobile Courseware to Assist in Tajweed Learning

Tajweed are the rules to recite the Quran with proper pronunciation. This paper looks into the design and development of a mobile learning courseware that teaches the rules of Tajweed and correct pronunciation according to the current Sijil Pelajaran Malaysia (SPM) syllabus, and to test the usability of the system in terms of learnability, memorability, simplicity, satisfaction and overall reaction to the mobile courseware.

The second paper is entitled:

Information Visualization for Learning words in the Qur'an

In this paper, an interface was developed incorporating parallel and scatter plot visualization to visualize word information in the Qur'an. Users are able to know the Arabic words, the meaning of each word, the word count, word position and their personal vocabulary count to support their learning activity. Interviewed participants found the software useful for learning Arabic words. Although analysis of the two plots show that parallel plot scores better in terms of efficiency of interaction, interviewed participants give lower rating for graphical perceptibility to the plot. The scatter plot visualization is then developed to replace the parallel plot.

The third paper is entitled:

Visual Interactive Islamic Learning System for Children

This paper presents an approach that will be utilize in order to capture children attention towards understanding Islamic teaching easily and to give teachers more flexibilities in teaching Islam. Thus, an interactive web base system is designed to offers basic knowledge of Islamic concepts that include: Iqra', daily duahs, steps in performing both ablution and salah, 3D presentation of the stories of the prophet, Islamic songs, Islamic videos and games.

The last paper is entitled:

Arabic Mathematical Symbol Insertion Application System Using Arabic Pack for Math Type Software

In this paper a proposed system use software and tools including Arabic Pack for Math Type and it paints. It includes all Arabic symbols to be inserted in the different applications such as MS word and MS power point. The application system will facilitate the insertion of all symbols in the applications and allows the users to maximize, minimize, edit and format these symbols easily. The configuration of the system is very easy and automatically be added in the word and power point application bars.

Editor in Chief

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