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Editorial

This issue has the following research papers.

Course management system is a central issue in the E-learning process. Various research has addressed the features such as navigation, design layout, functionality etc and proposed solutions for content as well as technology management. In the first paper on “**Comparative Study and Usability Evaluation of Course Management System**” the authors *Summaiya Hasnain* and *Sarah Manzoor* have compared the usability of two Course management systems namely the *MYCCNET* and *Schoology*. They did user’s view study and found that CMS should be interactive with simple interface which is easier understood by both teachers and students. *Schoology* possess main features which a standard CMS should have.

Hina Faryal in the next paper on “**Formal Verification, Architecture, and Implementation of User Location Guidance System Based on Multi-agents: A Case Study**” has proposed a formally verified multi-agent system. The author has used JADE, for implementing formal verification and architecture. The author has studied the features of the proposed system with a good case study.

In a system the security issues are important and hence the components of the system are studied with the focus on secured components. The authors *Shah Nazir* and *Muhammad Nazir* in the paper on “**Component Security Evaluation Using Fuzzy Logic**” have proposed methodology for fuzzy logic (FL) and used to model and evaluate the security of component. The method is designed for some inputs which are availability, authentication, confidentiality, safety and stability.

Hope the published research contributes extensively for research.

Editors