Mobile Exam Management System using LSA Algorithm

Abstract

The rapid spread of 3G wireless network and wireless technologies, are applied in many areas, the education is the interesting approach for using this technique, so the benefit of modern technology can be used in mobile learning. This system is focused on design mobile learning management system which simulates the learning process between teacher and student, by build an educational system that the student can get educational material and procedure MCQ test, open question and analyze student answers and evaluated automatically using modern techniques. Latent semantic analysis (LSA) has been employed in intelligent learning systems for evaluation students' learning by evaluating their answers to questions in the tutoring domain. Latent Semantic Analysis (LSA) is an attempt to solve the problem of Automatically scoring open questions..

References

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sustainability of mobile learning initiatives in higher education" Australian Digital Futures Institute, University of Southern Queensland, Toowoomba, Australia, 2012.


3. Latent Semantic Analysis as Method for Automatic Question Scoring David Tobinski1 and Oliver Kraft2 1 University at Duisburg Essen, University atsstra_e 2, 45141 Essen david.tobinski@uni-due.de, www.kognitivismus.de.


Index Terms

Computer Science Algorithms

Keywords

Mobile learning, Latent Semantic Analysis, LSA, automatically scoring.