Abstract

As the education system moves from print to digital classrooms, learning products will change rapidly, so academic institutions and policies must respond accordingly. Learning methods are shifting from instructor-oriented to learner-oriented-Learning, referring to learning via the Internet, provides learner with an efficient, flexible and personalized way to learn. It offers learning-on-fly and reduces overall learning cost. This paper describes the demands for e-Learning and related research, and presents a variety of data mining technologies that can integrate with e-learning system to explore the problems faced by Higher Education system and discovering underlying knowledge from Educational Database. The aim of this paper is to describe how to make a system able to minimize learning gap from education system.

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Index Terms

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Adaptive e-learning  Internet  Data mining Techniques  e-learning information system.