Abstract

In this paper, a multiagent system i.e. named ABDITS (Agent Based Distributed Intelligent Tutoring System) is presented, which is customizable, dynamic, intelligent and adaptive with Pedagogy view for learners in intelligent schools. This system is an integration of adaptive web-based learning with expert systems as well. A crucial feature of the ABDITS personal agent is that the case based reasoning approach for student modeling. The system will categorize students in step with their skills in processing, perceiving, entering, organizing and understanding the knowledge. Intelligent agents are intended to examine the opportunities to enhance the teaching and to motivate the scholars to be told what they require, in an exceedingly user friendly environment that suits their learning style.

References

1. Aamodt, A.; 2005, Knowledge Intesive Case-based reasoning and Intelligent tutoring system.
19. N. Capuano, et al., “ABITS: An Agent Based Intelligent Tutoring System for Distance


24. Diagnostic instrument for the FSLSM model http://www2.ncsu.edu/unity/lockers/users/f/felder/public/ILSdir/ilsweb.html

Index Terms

Computer Science
Information Sciences

Keywords

ABDITS; FSLSM; CBR; ILS; Habitatpro etc