ABSTRACT

Learning media are now highly developed than before. With the development of information technology, learning now feels easy. Information technology has proven reliability in providing online learning features. Everyone can share knowledge with others without fear of unobstructed time, place, and fee. But in some certain learning, the role of a teacher or tutor is required. Existing information technology have not been able to maximize the role of the teacher. Website only as a medium for data transmission only. Along with the development of technology, the existence of teachers can be represented in the form of an interactive application technology that can be used as a medium conveys information as well as evaluation of the media in the learning process. The technology is better known as Intelligent Tutoring System or Sistem Tutor Cerdas (STC) is able to perform the role as teachers or tutors who assist students in a learning forum. Teacher or tutor in this STC built using Expert System where the function is to represent the knowledge a teacher or tutor who is an expert in a particular subject. Students who learn to use this STC can directly ask the tutor feature so that he was accompanied by a teacher or tutor wherever and whenever.

Keywords: e-learning, STC, Expert System