

E-Tutor: Creating, Deploying and Supporting e-Learning Environment

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Abstract: *Modern world relies heavily on technology to achieve necessary improvements in quality of life for all members of society. The rise of usage of technology can also be seen in all sectors of education systems and education processes. By utilizing the technology, education systems are able to accommodate growing number of participants of an education processes thereby expanding student capacity of a school or university. This expansion can be seen in form of electronic learning or e-learning where students are able to attend classes and obtain degrees over the internet. This form of distance learning allows education institutions to migrate from ordinary classroom teaching to computer-based environment where students' and teachers' geographical location is irrelevant, meaning students are able to attend classes from any part of the world over the Internet. This form of online environment supports typically supports learner-centralized and self-paced education.*

Main component of any e-learning system is an online tutor, also known as e-tutor, an educator who will be able to create and manage e-learning environment while at the same time using that environment to teach classes and lectures to students who are attending them via the Internet. This e-tutoring system is created using only freeware components and services which are available over the Internet. Currently, researchers' opinions on quality and advantages of this form of education are divided. Some believe technology-mediated learning environments will improve students' attitude toward learning and their evaluation of learning experience, while others are warning that this form of education may lead to feeling of isolation and anxiety in student population. Objective of this study is to create simple and effective e-tutoring system to be used for online education and to examine the issue of its usage in context of high school education.

Knowledge Management framework was used as theoretical model to create e-learning space for high school students. The model was tested among students enrolled in Computer science classes. The participants were interviewed about their experiences. The results provided interesting insight into the potential and limitation of the e-tutoring system.

Keywords: *online learning, e-tutor, knowledge management, interviews, paper.*

