Abstract

E-Learning is the technology that targets the community seeks learning through various means such as material, information, courses to facilitate the ease of access. Online delivery of educational instruction provides the opportunity to bring colleges and universities new energy, students, and revenues. However, e-learning systems have experienced rapid development in making activities of learning online and providing a vast set of resources for the material and online assignments to complete. Although personalized e-learning systems have developed and provide services, they are limited to focus their recommendations on the material only on the student’s level of interest in surfing on the learning material but never considered the level of understanding of the learning material. This system developed a model that aims to recommend the assignments and material from the course to the student based on the level of understanding by analyzing the performance of the student in the past. Experimental results on the proposed recommender system exhibited significant results than the traditional e-learning system. This shows the impact of personalized assignment recommendations in improving the student’s interest towards the course.
References

Index Terms

Computer Science

Information Sciences

Keywords

Classification, e-learning, Recommender System, Web Mining.