

Documents

Abbad, M., Morris, D., Jaber, F.

The impacts of demographic differences on LMS acceptance

(2011) *IMSCI 2011 - 5th International Multi-Conference on Society, Cybernetics and Informatics, Proceedings*, 1, pp. 152-157.

Abstract

The primary question addressed in this paper is: what are the impacts of demographic factors on students' adoption of LMS? The paper investigates and identifies some of the major factors affecting students' adoption of an e-learning system. Participants in the study consisted of undergraduate students taking first basic computer literacy classes at the Arab Open University (AOU) in Jordan. Data collection was conducted via survey of 470 students. Data was analysed using analysis of variance (ANOVA) to identify some demographic (e.g. gender, age, income, and computer ownership) influences on the factors that affect students' adoption of LMS (for example, perceived usefulness, perceived ease of use, intention to use, subjective norms, Internet experience, system interactivity, self-efficacy, and technical support). The results showed significant gender differences for Internet experience and self-efficacy. Significant age differences were found for perceived usefulness, intention to use, and self-efficacy. Significant income differences were found for perceived usefulness, intention to use, technical support, Internet experience, system interactivity, and self-efficacy. Significant computer ownership differences were found for perceived usefulness, perceived ease of use, and Internet experience. The paper concludes by discussing the potential implications of the results for e-learning practice.

2-s2.0-84896276987

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus