

Título de la revista: Education and Information Technologies

Título de artículo: Exploring the influence of the use of augmented reality for analyzing the safety of sport equipment in motivational climate, behaviors, and intention to use in a higher education context: a structural equation modelling approach

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DOI (en caso de ser electrónico): <https://doi.org/10.1007/s10639-024-13266-x>

Año de publicación: 2024

Volumen

Número

Páginas: 21

Resumen del artículo:

The main objectives of this research were to analyze the impact of the use of augmented reality (AR) for analyzing the safety of sport equipment, on the motivational climate, behavior, and intention to use, and to validate a theoretical model for predicting continuance intention to use AR among students. The sample consisted of 254 university sport science degree students, who analyzed the safety of sports equipment using AR, after which they proceeded to complete the usability scale, the usage behavior scale, the behavioral intention factor of the System Usability Scale, and the motivational climate dimensions of mastery and performance of the Motivational Climate in Education Scale. The results showed that both usefulness and behavioral intention were found to play a positive role in intention to use. In addition, usefulness, perceived mastery motivational climate, and perceived performance motivational climate, influenced behavioral intention. In addition, perceived mastery motivational climate perception and gender positively and negatively influenced usefulness, respectively. Finally, gender had a significant influence on mastery motivational climate. In conclusion, a model was found according to which the motivational climate of mastery could predict students' usefulness and behavioral intention, with the latter two affecting user behavior.