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Enhancement of the ARCS model for gamification of learning

(Conference Paper)

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ARCS model is a motivational design model for learning environments to stimulate and sustain learner motivation using the problem-solving approach. The ARCS model often used to identify and solve problems in a systematic way to motivate a learner in classroom learning or e-learning environment. The gamification of learning provides a useful technique to drive engagement and motivation in applying game mechanics and dynamics into learning activities. In spite of the success of gamification of learning, there are also failures. The proper method is needed to integrate gamification into learning. In this paper, we propose an enhanced ARCS model for gamification of learning called ARCS+G. The ARCS+G model is aimed to provide a solution for the problems in utilizing gamification of learning. © 2014 IEEE.

Author keywords

ARCS model; design process; gamijication; motivational design

Indexed keywords

Engineering controlled terms: Computer aided instruction; Design; E-learning; Motivation; Problem solvina

ARCS model; Classroom learning; Design modeling; Design process; E-learning environment; gamijication; Learning Activity; Learning environments

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