

Evaluating E-Learning systems success to understand student's performance during Covid Pandemic

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Abstract

The present work arises as a consequence of the current situation that is being experienced worldwide due to the COVID 19 and the associated repercussions on education. E- Learning has demonstrated to be the only resource capable of replacing traditional in-person learning methods in the present global gridlock due to the COVID-19 pandemic. Academic institutions around the world have heavily invested in E-Learning and it is necessary to ensure the success of E-Learning initiatives in order to make a learning model with the same guarantees of traditional models. The objective of this study is to propose and validate a model to measure the E-learning success based on different dimensions and it is an extended of the Technology Acceptance Model (TAM) and Information Systems Success (ISS), which has been empirically tested. For this purpose, an e-learning questionnaire was used in order to test academical performance with students from secondary education in València during the pandemic. Results show a significant relationship between Intention To Use for Sustainability and Students Satisfacction, a significant relationship between Students Satisfacction and Student Performance and finally a significant relationship between Student Performance and Learning Achievements.

Keywords: *E-learning, Academic Performance, Students Satisfaction (SS), Structural Equation Modelling (SEM), Partial Least Squares (PLS).*
