

The User Characteristics Effects to Smart Board Usage on Technology Acceptance Model Variables: The Sample of Bartın High School Teachers / Kullanıcı Özelliklerinin Teknoloji Kabul Modeli Değişkenleri Üzerinden Akıllı Tahta Kullanımına Etkisi: Bartın Lisesi Öğretmenleri Örneği

Yaşar Akça¹, Gökhan Özer², Ayşe Derya Işık¹, Ercan Çelik³

¹Bartın University, Turkey

²Gebze Teknik University, Turkey

³Bartın High School, Turkey

ABSTRACT

A new technology's acceptance also gets shaped according to users' features, expectations and perceptions. Technology Acceptance Model that developed by Davis (1989), defends that there are perceived usefulness and perceived ease of use variables to determinators of a new technology's usage by user. These perceptions predicts the user's behaviour and explains it. The smart board that has common usage in modern classrooms, provides effectiveness at education and learning activities. Teachers who uses smart boards can present more effectively. This situation rises the teacher's productivity and student's learning success and improvement the class's education quality. Existence of the smart board in the classroom motivates all byself. Thanks to this technological device, it is easy to access internet based study materials. This study's purpose is testing the user features explanation power effects to usage of smart board, which is a new education tool, based on TAM variables. For performing of the research, surveys have actualised with 24 teachers those they teaches at Bartın High School with smart boards. Survey datas have been interpreted based on correlation, factor and regression analyses in WarpPLS 5.0. Results have been concluded from analyse strongly supports research model.

KEYWORDS User Characteristics; Technology Acceptance Model; FATİH Project; Smart Board; Bartın High School

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