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Inf. Sci. Lett. **7**, No. ?, - (2021)

Information Sciences Letters

*An International Journal*

 [http://dx.doi.org/10. 18576/jehe/01010](http://dx.doi.org/10.12785/jehe/01010)1

**Effect of Adopting Blackboard System in Light of the Coronavirus Pandemic**

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Received: 21 Feb. 2020, Revised: 22 Mar.2020, Accepted: 24 Mar.2020.

Published online: 1 May. 2022.

**Abstract:** We identify the role of adopting Blackboard system in light of the Coronavirus pandemic in developing the skills of its use and academic achievement …………………...

**Keywords:** Academic Achievement, Blackboard, Coronavirus, University students.

# 1 Introduction

Spread of the Coronavirus (COVID-19) pandemic is a major humanitarian, medical, educational, social, economic, and political issue in 2020 AD [1]. It affected lives as well as money globally. Moreover, it revealed all countries' educational foundations and willingness to adopt distance learning [2], as a precaution, to reduce its consequences. Adopting e-learning management system (Blackboard) is one of the most fundamental technologies that helped universities face the pandemic [3].

Saudi Arabia has taken important steps to activate the role of technology in higher education by developing a national plan for information technology. It recommended adopting and applying e-learning and distance learning and in higher education [4-10]. E-learning management system (Blackboard) is one of the educational systems used in the largest international universities because of its effectiveness, safety, and confidentiality. Thus, Saudi universities have adopted it [11]. In addition, it is a global learning management system that outweighs other systems and provides various educational opportunities that remove all barriers and obstacles facing educational institutions and learners. It is also flexible and can be developed easily [12].

Blackboard system is defined educationally as an education system that involves connected and disconnected models of education. Connected models are often online, while the offline ones occur in traditional classes [13]. ………………..…

*1.1 Terminology of the Research*

*Blackboard Skills:* The authors define them as Taif University students 'use of blackboard skills confidently and competently in a way that reduces waste of time and energy. They are procedurally defined as the score that the student gets in the scale of the students' use of E-learning Management System (Blackboard) (prepared by the authors).

*Academic Achievement:* The desire to succeed, win, and complete work in a satisfactory manner on time, so the student feels satisfied with his/her performance in the academic field, in general, and in the field of achievement, in particular [2[. The authors procedurally define it as the score the student gets in the aAcademic achievement scale using E-learning Management System (Blackboard) (prepared by the authors).

**2 Methodologies**

The present research adopted the descriptive method due to its appropriateness for the research and its objectives.

**Instrumentations**

*1. The scale of the role of adopting E-learning Management System in developing the skills of its use among the students of Taif University ( prepared by the authors).*

A. Objective: Verifying the role of adopting E-learning Management System in developing the skills of its use among the students ……………….

B. Description: The scale consists of (33) items distributed to (5) domains. The items (1-6) represent the domain of sign in the system, the items (7-13) represent the domain of interaction with courses and learning using the system, the items (14-20) denote the domain of communication skills, the items (21-26) represent the domain of the skills of attending lectures, and the items (27-33) represent the domain of e-evaluation skills.

**Table 1:**  Reliability by retesting and Cronbach's Alpha of the scale of the role of adopting E-learning Management System in developing the skills of its use among Taif University students.

|  |  |  |
| --- | --- | --- |
|  Domains  | Retesting | Cronbach's Alpha |
| Sign in the system | 0.81 | 0.71 |

C. Assessment: Each item involves three responses (high, moderate and low) evaluated with the scores (3-2-1), respectively. The minimum score of the domains and the total score are: (6, 7, 7, 6, 7, 33), while the maximum score is (18, 21, 21, 18, 21, 99).

**3 Discussions**

Findings of the first question indicated that adopting E-learning Management System (Blackboard) in light of the Coronavirus pandemic developed the skills …………………..

Findings of the second question indicated that, ………………

**Recommendation**

The research recommends activating the role of Blackboard system in Saudi universities in light of crises, in general, and Coronavirus pandemic in particular, due to its positive impact in this field as well as conducting relevant researches.

**Acknowledgment:**

**…………………………………………..**

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