



Learning Media Used by Indonesian Students During the Pandemic Covid 19

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Introduction

The pandemic covid 19 has made some changes in the learning activities especially among students in Indonesia. Student learning activities are usually carried out face to face, including those of field practices in hospitals, schools, government agencies, factories, workshops, and in the community. But due to the pandemic covid 19, the activities were changed, and the learning activities turned online. Efforts have been made by educational institutions to continue to run the learning processes by selecting effective and efficient teaching-learning media applications. But there have been some obstacles in the implementation of the applications regarding how the students and teaching staff determine the choice of learning media in accordance with the learning themes. This study aims to find out the learning media used by the students and teaching staff during the pandemic covid 19. This type of quantitative research with analytic description approach has been carried out on 1129 students in 22 of 34 provinces in Indonesia, including, Bali, Banten, East Kalimantan, Riau Islands, Lampung, Maluku, Nanggroe Aceh Darussalam, West Nusa Tenggara, Papua, West Papua, West Sulawesi, West Sumatra, Yogyakarta, South Sumatra, North Sumatra, Jakarta, West Java, Central Java, East Java, West Kalimantan, South Kalimantan, Central Kalimantan. The students on average were 21 years old and most of them were female (83.2%). The data was collected using a questionnaire that was distributed and filled out voluntarily by the respondents online. Univariate analysis was applied to analyze the data and the results are presented in a frequency distribution. The learning media used were 28.6% Google classroom, 27.8% the zoom application, 21.7% Microsoft teams application, 11.3% E-learning, 2.7% Whatsapp, 1.9% Google meet, 1.5% Webex, 1.3% Edmodo, 1.2% Line, 0.7% Schoology, 0.6% Hangouts meet, and 0.5% Edlink. The development of information and communication

technology in the Industrial 4.0 era has had a great influence on the teaching and learning processes in Indonesia, especially in the current pandemic. The need for online learning media is one of the solutions so that the learning activities continue amidst in the pandemic. Ease of access to technology has been used by teachers to improve the quality of education. As stated by Keengwe & Georgina in their research, the development of technology provides a change in the implementation of teaching and learning activities. Information technology can be accepted as a medium in conducting the educational processes, which involves searching for references and sources of information. Several studies have shown that technology has many positive effects on language learning such as reading using video. Recent research and empirical investigations from the mentoring program have focused on how mentors/educators can help students to develop relationships of trust through consistent contact frequencies and emotional closeness even though using the media one of which is online learning so that the educators are empowered even though online and improve their perception of self-efficacy & self-esteem, increase academic potential, and expand the vision. The use of learning media based on distance learning using synchronous discussion in the form of google classroom services was chosen by the majority of the respondents.

Acknowledgment

The authors are grateful to the journal editor and the anonymous reviewers for their helpful comments and suggestions.

Declaration of Conflicting Interests

The authors declared no potential conflicts of interest for the research.

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Citation: Charitha Vennapusa (2021) Learning Media Used by Indonesian Students During the Pandemic Covid 19. Psychol Psychiatry 5: e06.

Received: December 06, 2021; Accepted: December 20, 2021; Published: December 27, 2021.

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