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Online Learning System for Kampus Merdeka : Innovative Learning In Covid-19 Pandemic

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ABSTRACT

Innovations in learning media for "Kampus Merdeka" currently require students active roles in online lectures and interact with lecturers and college friends to be able to use social networking media. Massive Online Open Course (MOOC) is web-based learning that can be accessed anywhere and anytime by integrating technology into the learning process that can help improve understanding of the material. In this research an online learning design using MOOC as a solution in the implementation of "Kampus Merdeka" using Web Programming Design course. The reason for choosing these subjects is because practical learning activities require an understanding of a strong theoretical basis. Learning Outcomes in this course are students can understand the basics and concepts in website before finally carrying out the practicum. In the study sample population in the MOOC Web Programming course which was attended by 30 students from various backgrounds, it was seen that on average 78.2% interesting join the MOOC online class. The results of this percentage show that students are interested in joining MOOC online classes because they can provide a self-development model, namely institutional (materials that are in accordance with the syllabus), pedagogical in the form of learning videos) and technical (in the form of practicums)

INTRODUCTION

Currently, information and communication technology (ICT) has become a part of everyday life to fulfill needs and has not been fully exploited. The development of this technology is also one of the factors in the development of various types of learning media. The learning process that is currently developing is a learning process that does not have to attend class as usual or what is known as online learning. State Polytechnic of Malang is one of the universities based on science and technology that implements one of its online-based learning processes with learning media using web learning. In its academic activities, State Polytechnic of Malang uses e-learning media, namely the Learning Management System (Harijanto et al., 2017) In the implementation of this learning model, students must be registered in these courses according to the study program taken. Students from other study programs cannot enter courses outside the study program and cannot take part in the learning process of these courses (Sudaryanto, 2020). The basically implemented a learning system with credits that almost all require learning activities in the classroom. This shows the lack of learning independence that must be carried out by every student in carrying out their learning.

Learning outside of the "Kampus Merdeka" study program through online class taking offers students the freedom to choose a variety of materials offered from their own campus, other campuses, or from the industrial world, just from home an ideal thing to do during the COVID-19 pandemic. The best way for this institution is to provide facilities by cooperating with a platform that provides massive and open online

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