ABSTRAK

Rusditya, Seftian (2024), Implementasi Metode Electre dalam Penentuan Platform yang Tepat Dalam Rangka Mewujudkan *Flipped Learning* Di SMK Bali Dewata. Tesis, Ilmu Komputer, Program Pascasarjana, Universitas Pendidikan Ganesha.

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Kata kunci: SMK Bali Dewata, *Flipped Learning*, ELECTRE

Pembelajaran menggunakan model *flipped classroom* erat kaitannya dengan penggunaan teknologi seperti internet. Pemanfaatan internet dalam pembelajaran dapat membantu peserta didik mengeksplorasi ilmu pengetahuan secara lebih luas. Hal tersebut dapat dilihat dari hasil angket yang diberikan pada peserta didik SMK Bali Dewata Denpasar. Namun dari berbagai materi yang dipelajari selama satu semester tersebut ditemukan beberapa materi yang sulit dipahami oleh peserta didik. Pemilihan *platform flipped classroom* bertujuan untuk memilih salah satu media pembelajaran yang tepat dalam mentransformasi pengetahuan peserta didik sehingga dapat mencapai tiap-tiap dimensi pengetahuannya secara utuh. Metode penentuan pemilihan *platform flipped classroom* menggunakan metode ELECTRE (*Elimination and Choice Expressing Reality*). Hasil dari perhitungan metode ELECTRE pada penelitian ini menghasilkan bahwa *platform Google Classroom* memperoleh total nilai 60,576 sedangkan *platform whatshapp group* memperoleh nilai 51,669, *platform google meet* memperoleh nilai 25, dan *zoom free* memperoleh nilai -3 (minus 3). Sehingga didapat kesimpulan bahwa *platform google classroom* adalah yang tepat untuk digunakan dalam *flipped learning* berdasarkan kriteria Penggunaan Data Internet, Kemudahan Akses, Kapasitas Penyimpanan, Batas Waktu Akses, Interaksi Visual, Interaksi Antar Pengguna, Fitur/Fasilitas, Kepuasan Pengguna, melalui kuisioner yang telah disebar ke pengguna *platform*.

ABSTRACT

Rusditya, Seftian (2024), *Implementation of the Electre Method in Determining the Appropriate Platform in the Context of Realizing Flipped Learning at Bali Dewata Vocational School. Thesis, Computer Science, Postgraduate Program, Ganesha University of Education.*

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Keywords: Bali Dewata Vocational School, Flipped Learning, ELECTRE

Learning using the flipped classroom model is closely related to the use of technology such as the internet. Using the internet in learning can help students explore science more widely. This can be seen from the results of the questionnaire given to students at Bali Dewata Denpasar Vocational School. However, from the various materials studied during one semester, several materials were found that were difficult for students to understand. The aim of choosing the flipped classroom platform is to choose the right learning media to transform students' knowledge so that they can achieve each dimension of their knowledge as a whole. The method for determining the choice of flipped classroom platform uses the ELECTRE (Elimination and Choice Expressing Reality) method. The results of the ELECTRE method calculations in this research resulted in the Google Classroom platform getting a total score of 60,576, while the WhatsApp group platform got a score of 51,669, the Google Meet platform got a score of 25, and Zoom Free got a score of -3 (minus 3). So it is concluded that the Google Classroom platform is the right one to use in flipped learning based on the criteria of Internet Data Use, Ease of Access, Storage Capacity, Access Time Limits, Visual Interaction, Interaction between Users, Features/Facilities, User Satisfaction, through questionnaires that have been distributed to platform users.