

ABSTRAK

E-learning merupakan *platform* yang menyediakan konten dan aktivitas pendidikan yang menggabungkan teknologi informasi dan komunikasi (TIK), serta dukungan pengelolaan program pembelajaran. Penelitian berjudul “evaluasi perbandingan *user experience* pada *google classroom* dan *edmodo* dengan *technique for user experience in e-learning (TUXEL)*”. Tujuan studi ini untuk mengetahui hasil evaluasi perbandingan *user experience* pada *google classroom* dan *edmodo* dengan menggunakan metode *TUXEL 2.0*. Penelitian menggunakan metode *technique for user experience in e-learning (TUXEL)* yaitu metode yang digunakan untuk mengevaluasi *usability* dan *user experience* di *e-learning* yang menggunakan tiga kuesioner yaitu *problem reporting table*, *general LMS evaluation checklist* dan *user experience evaluation*. Hasil dari penelitian dengan populasi sebanyak 2.961 mahasiswa fakultas teknik pada tahun ajar 2019/2020 dan responden *edmodo* dan *google classroom* masing masing 97 responden dan nantinya akan memberikan rekomendasi *e-learning* yang lebih mudah digunakan oleh mahasiswa sehingga dapat meminimalisir kendala pada penggunaan *e-learning* dalam kegiatan pembelajaran. Evaluasi *user experience* menggunakan *UEQ* adaptasi *TUXEL 2.0* diketahui bahwa *google classroom* memiliki stimulasi (0,625) dan ketepatan (0,593) yang lebih besar dibandingkan dengan *Edmodo* yang memiliki stimulasi (0,426) dan ketepatan (0,426) berdasarkan pilihan responden. Sedangkan *edmodo* memiliki keterbaruan (0,103) yang lebih besar dibandingkan keterbaharuan dari *google classroom* (-0,180). Hal ini mengartikan bahwa *google classroom* lebih cocok untuk mengimplementasikan seluruh proses *e-learning*, sedangkan *edmodo* lebih cocok digunakan sebagai pelengkap pembelajaran. *Google classroom* lebih baik dari pada *edmodo* pada total keseluruhan kategori, yakni sebesar -0,901. Sedangkan total keseluruhan kategori *edmodo* sebesar -0,948.

Kata kunci: *user experience, edmodo, google classroom, technique for user experience evaluation in e-learning (TUXEL).*

ABSTRACT

E-learning is platform which provides educational content and activities that incorporate information and communication technology , as well as support for managing learning programs. The study entitled "comparative evaluation of user experience on google classroom and edmodo with technique for user experience in e-learning (TUXEL)". The purpose of this study is to find out the results of a comparative evaluation user experience on google classroom and Edmodo by using the method TUXEL2.0. Research using the method technique for user experience in e-learning (TUXEL) is the method used to evaluate usability and user experience Of e-learning using three questionnaires problem reporting table, general LMS evaluation checklist and user experience evaluation. The results of the study with a population of 2,961 engineering faculty students in the 2019/2020 academic year and 97 respondents each from edmodo and google classroom and will provide recommendation e-learning which is easier for students to use so as to minimize constraints on use e-learning in learning activities. Evaluation user experience use UEQ adaptation TUXEL2.0 it is known that google classroom has greater stimulation (0.625) and accuracy (0.593) compared to Edmodo which has stimulation (0.426) and accuracy (0.426) based on the respondent's choice. Meanwhile, Edmodo has a greater update (0.103) compared to updates from google classroom (-0.180). This means that google classroom is more suitable for implementing the entire process e-learning, while Edmodo is more suitable to be used as a complement to learning. Google classroom is better than Edmodo in the total category, which is -0.901. Meanwhile, the total for the Edmodo category is -0.948.

Keywords: *user experience, edmodo, google classroom, technique for user experience evaluation in e-learning (TUXEL).*