

ABSTRAK

Penelitian ini bertujuan untuk mendeskripsikan kelayakan bahan ajar yang dikembangkan menggunakan *moodle* berbasis *e-learning* dan keefektifan bahan ajar yang dikembangkan terhadap peningkatan hasil belajar di SMK Swasta Jambi Medan. Penelitian ini merupakan penelitian pengembangan. Model pengembangan yang digunakan dalam penelitian ini adalah model ADDIE. Data dalam penelitian ini berupa data kelayakan bahan ajar yang sudah divalidasi oleh ahli materi, ahli media, respon guru dan respon siswa. Data yang sudah dikumpulkan selanjutnya dianalisis secara deskriptif untuk mengetahui kelayakan bahan ajar yang dikembangkan, untuk mengetahui keefektifan bahan ajar yang dikembangkan dilakukan uji t. hasil penelitian menunjukkan bahwa bahan ajar berbasis *e-learning* menggunakan *moodle* layak digunakan dalam meningkatkan hasil belajar mata pelajaran otomatisasi tata kelola keuangan siswa kelas XI OTKP Swasta Jambi Medan. Dari hasil angket yang disebarakan diperoleh penilaian uji kelayakan dari ahli materi adalah sebesar 96,8% dengan kriteria sangat layak, karena bahan ajar ini sesuai dengan materi yang diajarkan. Selanjutnya penilaian dari ahli media pembelajaran sebesar 82,95% dengan kategori sangat layak. Selanjutnya bahan ajar berbasis *e-learning* menggunakan *moodle* efektif dalam meningkatkan hasil belajar mata pelajaran otomatisasi tata kelola keuangan siswa kelas XI OTKP SMK Swasta Jambi Medan. Hal tersebut berdasarkan uji t, besaran nilai t_{hitung} sebesar 2,041 sedangkan nilai t_{tabel} sebesar 2,001 hal tersebut berarti bahwa nilai $t_{hitung} > t_{tabel}$ ($2,041 > 2,001$) sehingga bahan ajar dinyatakan efektif. Dengan demikian dapat disimpulkan bahwa pengembangan bahan ajar berbasis *e-learning* menggunakan *moodle* berkontribusi terhadap hasil belajar siswa.

Kata Kunci: Bahan Ajar, *E-Learning*, *Moodle*, Hasil Belajar



ABSTRACT

This study aims to describe the feasibility of the teaching materials being able to develop use e-learning-based Moodle and the effectiveness of the development teaching materials towards improving learning outcomes at the Jambi Private Vocational High School Medan. This research is a development research. The development model used in this study is the ADDIE model. The data in this study are data on the feasibility of teaching materials that have been validated by material experts, media experts, teacher responses and student responses. The data that has been collected is then analyzed descriptively to determine the feasibility of the development teaching materials, to determine the effectiveness of the development teaching materials, a t-test is carried out. The results of the study indicate that e-learning-based teaching materials using Moodle are appropriate to be used to improve learning outcomes in the subject of financial management automation for class XI OTKP Private Jambi Medan. Form the results of the distributed questionnaire, it was obtained that the feasibility test assessment from the material expert was 96.8% with very feasible criteria, because this teaching material was in accordance with the material being taught. Furthermore, the assessment of learning media experts amounted to 82.95% with a very decent category.. Furthermore, e-learning-based teaching materials using Moodle are effective to improve learning outcomes in the subject of financial governance automation for class XI OTKP students at SMK Swasta Jambi Medan. This is based on the t test, the magnitude of the tcount value is 2.041 while the ttable value is 2,001 it means that the tcount > ttable (2.041 > 2,001) so that the teaching materials are declared effective. Thus, it can be concluded that the development of e-learning-based teaching materials using Moodle contributes to student learning outcomes.

Keywords: *Teaching Materials, E-Learning, Moodle, Learning Outcomes*

