

ABSTRACT

Taufiqurrohman, 2019. Development Of Online Learning Based On Schoology On Digital Communication Simulation Subjects In State Vocational High School 7 In Batam.

Based on the initial test of learning outcomes of students of SimKomDig subjects at SMK Negeri 7 Batam 65.35. Based on observations it was found that there was a lack of variety in learning media, while the school already had sufficient internet facilities. The purpose of this study was to determine (1) the validity of the results of the development of schoology-based online learning, (2) the practicality of the results of schoology-based online learning (3) the effectiveness of the results of schoology-based online learning viewed from student learning outcomes.

This research is a type of research and development research. The model used is ADDIE. The instruments used included a learning media assessment questionnaire presented to media experts, material experts, teachers, while the student response questionnaire to learning media to determine the practicality of the media. As well as test learning outcomes to determine the effectiveness of the media. The schoology-based online learning media is validated by media expert lecturers, material expert lecturers, and teachers. Field trials were conducted on 36 students of class X PBK1 of SMK Negeri 7 Batam.

The results of the analysis of this study found that the validity of the media from aspects of language, learning interactions, appearance obtained an average of 0.85 which is a very valid category, while material experts from aspects of content quality, learning, interaction, and appearance were obtained. an average of 0.88 which is very valid. Practical learning media used. This can be seen from the percentage of media practicality. The results of the practicality percentage of learning media by students amounted to 73.43%, while the percentage of media practicality by teachers was 87%. Schoologu-based online learning media are effectively used. The effectiveness of media is seen from student learning outcomes. Based on the learning outcomes before the use of instructional media developed, it was obtained from 36 students of class X in banking 1 with an average score of 64.86, then after the application of learning media development a posttest assessment was conducted with an average yield of 80.28. Through the gain score test where the value is 0.43 with the medium category. It was concluded that learning to use media is effective in improving learning outcomes. Based on the results of the description it can be concluded that the developed media fulfills the criteria for validity, practicality, effectiveness, so that the learning media is suitable for use in SimKomDig learning video presentation material.

Keywords: *Online Learning Media, Schoology, SimKomDig*

ABSTRAK

Taufiqurrohman, 2019. Pengembangan Pembelajaran Daring Berbasis Schoology pada Mata Pelajaran Simulasi Komunikasi Digital di SMK Negeri 7 Batam. Tesis Pascasarjana Fakultas Teknik Universitas Negeri Padang.

Berdasarkan tes awal hasil belajar peserta didik mata pelajaran SimKomDig di SMK Negeri 7 Batam 65,35. Pengamatan dilapangan didapatkan bahwa kurang beragamnya media pembelajaran, sementara sekolah tersebut sudah memiliki fasilitas internet yang cukup. Tujuan penelitian ini adalah untuk mengetahui (1) kevalidan hasil pengembangan pembelajaran daring berbasis schoology, (2) kepraktisan hasil pembelajaran daring berbasis schoology (3) keefektifan hasil pengembangan pembelajaran daring berbasis schoology dilihat dari hasil belajar siswa.

Penelitian ini termasuk jenis penelitian *research and development*. Model yang digunakan adalah ADDIE. Instrumen yang digunakan meliputi angket penilaian media pembelajaran yang disajikan kepada ahli media, ahli materi, guru, sedangkan angket respon siswa terhadap media pembelajaran untuk menentukan kepraktisan media. Serta tes hasil belajar untuk menentukan keefektifan media. Media pembelajaran daring berbasis schoology divalidasi oleh dosen ahli media, dosen ahli materi, dan guru. Uji coba lapangan dilakukan kepada 36 siswa kelas X SMK Negeri 7 Batam.

Hasil analisis penelitian ini didapatkan hasil kevalidan media dari aspek bahasa, interaksi pembelajaran, tampilan didapatkan rata-rata 0,85 yang merupakan kategori sangat valid, sedangkan ahli materi dari aspek kualitas isi, pembelajaran, interaksi, dan tampilan, didapatkan rata-rata 0,88 yang merupakan sangat valid. Media pembelajaran praktis digunakan. Hal ini dapat dilihat dari presentase kepraktisan media. Hasil presentase kepraktisan media pembelajaran oleh siswa sebesar 73,43%, sedangkan presentase kepraktisan media oleh guru sebesar 87%. Media pembelajaran daring berbasis schoology efektif digunakan. Keefektifan media dilihat dari hasil belajar siswa. Berdasarkan hasil belajar sebelum penggunaan media pembelajaran yang dikembangkan didapatkan dari 36 orang peserta didik kelas X jurusan perbankan 1 nilai rata rata 64,86, kemudian setelah penerapan pengembangan media pembelajaran dilakukan penilaian *posttest* dengan hasil rata-rata 80,28. Melalui uji *gain score* dimana nilainya sebesar 0,55 dengan kategori sedang. Disimpulkan pembelajaran menggunakan media efektif dalam meningkatkan hasil belajar. Berdasarkan hasil uraian tersebut dapat disimpulkan bahwa media yang dikembangkan memenuhi kriteria kevalidan, kepraktisan, keefektifan, sehingga media pembelajaran layak digunakan dalam pembelajaran SimKomDig materi presentasi video.

Kata Kunci: Media Pembelajaran Daring, Schoology, SimKomDig