

**PENGEMBANGAN MEDIA PEMBELAJARAN *E-LEARNING* BERBASIS
SCHOOLGY DAN *BLENDED LEARNING* PADA MATA PELAJARAN
ADMINISTRASI SISTEM JARINGAN DI KELAS XI SMK NEGERI 3
SINGARAJA**

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ABSTRAK

Penelitian ini bertujuan untuk mengembangkan dan mengimplementasikan secara terbatas media pembelajaran *e-learning* berbasis *Schoolgy* dan *Blended Learning* pada mata pelajaran Administrasi Sistem Jaringan di kelas XI SMK Negeri 3 Singaraja. Jenis penelitian ini adalah penelitian dan pengembangan (*R&D*) yang menggunakan model pengembangan ADDIE (*Analyze, Design, Development, Implementation, Evaluation*). Penelitian ini dilakukan di kelas XI TKJ SMK Negeri 3 Singaraja pada 35 orang peserta didik dan seorang guru yang mengajar mata pelajaran Administrasi Sistem Jaringan. Pengambilan data dalam penelitian ini menggunakan 8 instrumen yaitu lembar validasi ahli, angket uji perorangan, kelompok kecil dan lapangan serta angket respons guru dan peserta didik. Hasil penelitian untuk uji kevalidan media pembelajaran *e-learning* dari hasil perhitungan validasi ahli yaitu ahli isi, desain dan media pembelajaran mendapatkan rata-rata skor sebesar 1,00 dengan kriteria sangat valid. Hasil perolehan nilai *N-Gain* untuk memperoleh keefektifan media pembelajaran *e-learning* yaitu 0,87 dengan kriteria efektif serta hasil rata-rata respons guru dan peserta didik untuk mendapatkan kepraktisan media pembelajaran *e-learning* sebesar 48 dan 63,26 dengan kriteria sangat praktis. Simpulan penelitian ini adalah media pembelajaran *e-learning* Administrasi Sistem Jaringan telah memenuhi kriteria kualitas produk yaitu kevalidan (sangat valid), keefektifan (efektif), dan kepraktisan (sangat praktis)..

Kata kunci: *Media E-Learning, Blended Learning, Administrasi Sistem Jaringan, ADDIE.*

**DEVELOPMENT OF E-LEARNING MEDIA BASED SCHOOLGY AND
BLENDED LEARNING IN ADMINISTRASI SISTEM JARINGAN SUBJECT
FOR THE XI GRADE STUDENTS OF SMK N 3 SINGARAJA**

By

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ABSTRACT

This study is aimed at developing and implementing restrictedly the e-learning media with a blended learning model on network system administration subject in XI grade students of SMK N 3 Singaraja. This study is a research and development (R&D) study that is used the ADDIE development model (Analyze, Design, Development, Implementation, Evaluation). This study was conducted in the XI grade TKJ of SMK Negeri 3 Singaraja to the 35 students and a teacher who teach an network system administration. The data collection method in this study used 8 instruments including expert validation sheets, individual test questionnaires, small groups and field study as well as teachers and students response questionnaires. The results of the study to test the validity of e-learning media from the results of the expert validation calculations, namely content experts, design and learning media has got an average score of 1.00 with very valid criteria. The results of obtaining N-Gain scores to acquire the effectiveness of e-learning media were 0.87 with effective criteria and the average results of teachers and students responses to get the practicality of e-learning media were 48 and 63.26 with very practical criteria. The conclusion of this study was the e-learning media for Network System Administration has met the product quality criteria, specifically validity (very valid), effectiveness (effective), and practicality (very practical)

Keywords : *E-Learning Media, Blended learning, Network System Administration, ADDIE*