

**PENGEMBANGAN MEDIA PEMBELAJARAN *E-LEARNING* DENGAN
MODEL PEMBELAJARAN *FLIPPED CLASSROOM* BERBASIS *MOODLE*
PADA MATA PELAJARAN KOMPUTER DAN JARINGAN DASAR
KELAS X TKJ DI SMK NEGERI BALI MANDARA**

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ABSTRAK

Penelitian ini bertujuan untuk (1) Menghasilkan rancangan dan mengimplementasikan pengembangan media pembelajaran *e-learning* dengan model *Flipped Classroom* berbasis *Moodle* pada mata pelajaran Komputer dan Jaringan Dasar kelas X TKJ di SMK Negeri Bali Mandara, (2) Mengetahui respon guru mata pelajaran dan peserta didik terhadap pengembangan media pembelajaran *e-learning* dengan model *Flipped Classroom* berbasis *Moodle* pada mata pelajaran Komputer dan Jaringan Dasar kelas X TKJ di SMK Negeri Bali Mandara. Penelitian ini menerapkan jenis penelitian Penelitian dan Pengembangan (R&D) dengan model pengembangan *ADDIE*. Penelitian ini melibatkan peserta didik kelas X TKJ di SMK Negeri Bali Mandara dan guru mata pelajaran Komputer dan Jaringan Dasar di SMK Negeri Bali Mandara. Pengambilan data dilakukan dengan menggunakan kuesioner/angket. Hasil penelitian menunjukkan (1) Hasil rancangan dan implementasi media pembelajaran *e-learning* dengan model *Flipped Classroom* berbasis *Moodle* pada mata Pelajaran Komputer dan Jaringan Dasar berhasil diterapkan berdasarkan hasil uji validasi dari ahli isi, ahli desain, dan ahli media pembelajaran dengan nilai rata-rata 1.00 dengan kriteria Sangat Valid, (2) Hasil dari perhitungan respon guru dan peserta didik menunjukkan skor rata-rata 45 untuk guru dan 65.3 untuk peserta didik dan termasuk dalam kategori Sangat Positif dan Sangat Praktis.

Kata kunci: Media Pembelajaran *E-learning*, *Flipped Classroom*, *Moodle*, Komputer dan Jaringan Dasar

DEVELOPMENT OF E-LEARNING LEARNING MEDIA WITH MOODLE-BASED FLIPPED CLASSROOM LEARNING MODEL IN COMPUTER AND BASIC NETWORK SUBJECT OF CLASS X TKJ IN SMK NEGERI BALI MANDARA

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ABSTRACT

The purpose of this study were (1) Produced a design and implemented the development of e-learning learning media with Moodle-based Flipped Classroom model in Computer and Basic Networks subject of class X TKJ in SMK Negeri Bali Mandara, (2) Determined the subject teacher and students' responses towards the development of e-learning learning media with Moodle-based Flipped Classroom model in Computer and Basic Network subjects of X TKJ class in SMK Negeri Bali Mandara. The study was a Research and Development (R&D) research with ADDIE development model. This study involved students from X class of Computer and Network Engineering and teacher of Computer and Basic Network subject in SMK Negeri Bali Mandara. The method of data collection was questionnaire. The result of the study showed that (1) The design and the implemented e-learning media were success implemented based on validity test from content experts, design experts, and learning media experts with average score 1.00 and very valid, (2) The teacher and students' responses showed the average score were 45 for the teacher and 65.3 for the students, meaning that it was included in very positive category with very practical criteria.

Keyword : E-learning Learning Media, Flipped Classroom, Moodle, Computer and Basic Networks