

ABSTRAK

Pengembangan Media Pembelajaran Interaktif Menggunakan *Articulate Storyline* Pada Mata Pelajaran Komputer Dan Jaringan Dasar Kelas X SMK Persiapan Padang Tualang

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Penelitian ini dilatarbelakangi oleh keterbatasan media pembelajaran dan rendahnya pemahaman kemampuan siswa terhadap materi yang diberikan guru dikarenakan kurang efektifnya pembelajaran siswa. Penelitian ini bertujuan untuk mengetahui kelayakan produk pengembangan media pembelajaran interaktif dan keefektifan media pembelajaran melalui hasil belajar siswa pada mata pelajaran komputer dan jaringan dasar kelas X SMK Persiapan Padang Tualang. Penelitian ini merupakan penelitian pengembangan atau *Research and Development* (R&D) dan menggunakan model pengembangan ADDIE. Dimana tahapannya ada 5 yaitu *Analysis* (Analisis), *Design* (Perancangan), *Development* (Pengembangan), *Implementation* (Implementasi), and *Evaluation* (Evaluasi). Validasi dilakukan oleh ahli materi, ahli media dan ahli desain. Media yang dikembangkan juga diujicoba kepada 12 siswa kelas X SMK Persiapan Padang Tualang. Hasil penelitian ini adalah: (1) Media pembelajaran interaktif berbasis *web* menggunakan *articulate storyline* untuk mata pelajaran komputer dan jaringan dasar yang telah dikembangkan; (2) Kelayakan telah teruji dengan baik dari segi materi, dan segi media maupun penggunaan dengan kategori “Sangat Layak” pada masing-masing tahap pengujian. Hasil pengujian validasi ahli: (1) Hasil validasi Ahli Materi 4,26 dapat dinyatakan “Sangat Layak”. (2) Hasil validasi Ahli Media 4,3 dapat dinyatakan “Sangat Layak”. (3) Hasil uji coba *N-Gain* menunjukkan 79,21% masuk dalam kategori “Efektif”. (4) Dan juga Persentase keefektifan 78,17% dengan rata-rata hasil *N-Gain* 0,78 kategori “Tinggi” produk tersebut dikatakan efektif untuk digunakan. Dengan demikian media pembelajaran interaktif berbasis *web* menggunakan *articulate storyline* sangat layak digunakan dalam pembelajaran komputer dan jaringan dasar kelas X SMK Persiapan Padang Tualang.

Kata Kunci: Belajar, Media Pembelajaran, *Web*, *Articulate Storyline*.

ABSTRAK

Development of Interactive Learning Media Using Articulate Storyline in Basic Computer and Network Subjects for Class X Padang Tualang Preparatory Vocational School

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This research was motivated by the limitations of learning media and the low understanding of students' abilities regarding the material provided by the teacher due to the lack of effectiveness of student learning. This research aims to determine the feasibility of developing interactive learning media products and the effectiveness of the media through student learning outcomes in basic computer and network learning subjects for class X Padang Tualang Preparatory Vocational School. This research is development research or Research and Development (R&D) and uses the ADDIE development model. Where there are 5 stages, namely Analysis, Design, Development, Implementation and Evaluation. Validation is carried out by material experts, media experts and design experts. The media developed was also tested on 12 class X students of Padang Tualang Preparatory Vocational School. The results of this research are: (1) Web-based interactive learning media using an articulated storyline for computer and basic networking subjects that has been developed; (2) Feasibility has been tested both in terms of material, and media and usage with the "Very Feasible" category at each testing stage. Expert validation test results: (1) Material Expert validation results of 4.26 can be declared "Very Eligible". (2) Media Expert validation results of 4.3 can be declared "Very Eligible". (3) The results of the N-Gain trial show that 79.21% is in the "Effective" category. (4) And also the effectiveness percentage is 78.17% with an average N-Gain result of 0.78 in the "High" category. This product is said to be effective for use. Thus, web-based interactive learning media using an articulated storyline is very suitable for use in computer and basic network learning for class X Padang Tualang Preparatory Vocational School.

Keywords: Learning, Learning Media, Web, Articulate Storyline.