

**PENGEMBANGAN KONTEN E-LEARNING BERSTRATEGI *PROJECT
BASED LEARNING* BERBANTUAN *SCHOOLGY* PADA MATA
PELAJARAN DESAIN GRAFIS PERCETAKAN
DI SMK NEGERI 1 SAWAN**

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ABSTRAK

Pengembangan konten e-learning pada mata pelajaran Desain Grafis Percetakan dikembangkan karena, (1) terbatasnya sumber belajar yang digunakan guru pada mata pelajaran Desain Grafis Percetakan dan (2) sulitnya mengarahkan siswa agar terfokus pada mata pelajaran Desain Grafis Percetakan yang dibawakan oleh guru pengajar. Penelitian ini bertujuan untuk: (1) mengimplementasikan pengembangan konten e-learning berstrategi *project based learning* berbantuan *schoolgy* pada mata pelajaran desain grafis percetakan, dan (2) mengetahui respon dari guru dan peserta didik setelah dikembangkannya konten *e-learning* berbantuan *schoolgy*. Penelitian ini menggunakan model ADDIE. Subjek pada penelitian pengembangan konten e-learning ini adalah siswa SMK Negeri 1 Sawan sebanyak 30 siswa dengan objek yang digunakan adalah media pembelajaran e-learning berbantuan *schoolgy*. Teknik pengumpulan data yang digunakan, yaitu: wawancara, observasi dan angket. Penelitian ini sudah melalui uji ahli isi dan uji ahli media dengan hasil rata-rata 100% dengan kriteria “sangat tinggi”. Setelah melalui uji ahli, penelitian ini dilanjutkan dengan melakukan uji coba perorangan dengan hasil rata-rata 92%, uji coba kelompok kecil 93,2%, dan uji coba lapangan 93,5% yang masing-masing uji coba tersebut masuk dalam kategori “sangat baik”. Selanjutnya dilakukan uji respon peserta didik dengan rata-rata mendapat 66,53%, dan uji respon guru dengan rata-rata 48, yang masuk dalam kategori “sangat positif”. Hal ini menunjukkan bahwa konten *e-learning* yang dikembangkan dapat digunakan oleh siswa dalam pembelajaran.

Kata kunci : E-Learning, Schoolgy, Project Based Learning, Research and Development, ADDIE.

**DEVELOPMENT OF E-LEARNING CONTENT WITH SCHOOLGY
ASSISTED PROJECT BASED LEARNING STRATEGY OF PRINTING
GRAPHIC DESIGN SUBJECT IN SMK NEGERI 1 SAWAN**

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ABSTRACT

The development of e-learning content on the subject of Graphic Design Printing was developed because (1) the limited learning resources used by teachers in the subject of Print Graphic Design, and (2) it is very difficult to direct students to focus on Printing Graphic Design subjects. The purpose of this research are: (1) implementing e-learning content development with a schoology-assisted project based learning strategy in print graphic design subjects, and (2) find out the response from teachers and students after the development of schoology-assisted e-learning content. This research uses the ADDIE model. The subjects in this e-learning content development research were 30 students of SMK Negeri 1 Sawan with the object used being e-learning learning media. Data collection techniques used, namely: interviews, observation and questionnaires. This research has gone through content expert tests and media expert tests with an average result of 100% with the "very high" criteria. After going through expert trials, this research was continued by conducting individual trials with an average yield of 92%, small group trials 93.2%, and 93.5% field trials, each of which falls into the "very good" category. Then the student response test was carried out with an average of 66.53%, and teacher response tests with an average of 48, which fall into the "very positive" category. This shows that the developed e-learning content can be used by students in learning.

Keywords: E-Learning, Schoology, Project Based Learning, Research and Development, ADDIE