

Fathona Hidayatul Laili. 2022. *Pengembangan e-modul berbasis project based learning pada pembelajaran Desain Grafis Percetakan di SMK Negeri 1 Lamongan*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Muhamad Afif Effindi, S. Kom., M.T

ABSTRAK

Tujuan peneliti dari penelitian ini ingin mengetahui kelayakan dan keefektifan e-modul berbasis *project based learning* untuk pembelajaran Desain Grafis Percetakan di SMK Negeri 1 Lamongan. Penelitian ini merupakan jenis penelitian deksriptif dengan metode kuantitatif dan kualitatif. Penelitian ini merupakan penelitian R&D dengan menggunakan model pengembangan ADDIE. Instrumen pada penelitian ini berupa angket uji validitas ahli media, ahli materi dan ahli bahasa dengan subjek penelitian siswa kelas XI Multimedia dan guru mata pelajaran. Pengumpulan data dilakukan dengan cara wawancara, angket dan tes. Hasil dari penelitian ini menunjukkan e-modul berbasis *project based learning* pada mata pelajaran Desain Grafis Percetakan pada kelas XI Multimedia mendapat hasil layak dan efektif digunakan sebagai media pembelajaran. Rata rata persentase kelayakan menurut ahli media sebesar 91%, pada ahli materi sebesar 98%, ahli bahasa sebesar 98% dan uji kelayakan pengguna pada guru mata pelajaran sebesar 96% serta siswa kelompok kecil sebesar 82% dan kelompok besar sebesar 81% dengan kategori sangat layak digunakan. Pada hasil keefektifan pada penilaian tes pre test mendapat nilai rata-rata 60% dan post test sebesar 82 dan hasil evaluasi membuat produk menggunakan model *project based learning* mendapatkan hasil desain yang cukup bagus.

Kata kunci : E-modul, Desain Grafis Percetakan, *Project Based Learning*.

Fathona Hidayatul Laili. 2022. Development of project-based learning-based e-modules in Printing Graphic Design learning at SMK Negeri 1 Lamongan. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University Madura. Supervisor : Muhamad Afif Effindi, S. Kom., MT

ABSTRACT

The aim of this research is to determine the feasibility and effectiveness of project based learning for printing Graphic Design learning at SMK Negeri 1 Lamongan. This research is a type of descriptive research with quantitative and qualitative methods. This research is an R&D research using the ADDIE development model. The instrument in this study was a questionnaire to test the validity of media experts, material experts and linguists with the research subjects of class XI Multimedia students and subject teachers. Data was collected by means of interviews, questionnaires and tests. The results of this study indicate that e-modules based on project based learning in the subjects of Printing Graphic Design in class XI Multimedia get feasible and effective results as learning media. The average percentage of eligibility according to media experts is 91%, material experts are 98%, linguists are 98% and user eligibility tests for subject teachers are 96% and small group students are 82% and large groups are 81% with very high category. proper to use. In the results of the effectiveness of the pre-test assessment, the average score was 60% and the post-test was 82 and the results of the evaluation of making products using a project-based learning got pretty good design results.

Keywords: *E-module, Printing Graphic Design, Project Based Learning.*