

Moh Rofii. 2024. *Pengembangan Media Pembelajaran E-modul Berbasis Android Pada Materi Sistem Operasi*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan Universitas Trunojoyo Madura Dosen Pembimbing Muchamad Arif, S.Pd, M.Pd.

ABSTRAK

Tujuan dari penelitian ini adalah (1) Untuk mengembangkan media pembelajaran e-modul berbasis android pada materi sistem operasi (2) Untuk mengetahui kelayakan media pembelajaran e-modul berbasis android pada sistem operasi. Metode penelitian yang digunakan adalah metode penelitian pengembangan ADDIE (Analysis, Design, Development, Implementation, Evaluation). Subjek penelitian adalah siswa kelas X jurusan TKJ SMK ASSUBKY, Aplikasi e-modul ini telah di uji cobakan kepada ahli materi, ahli media, dan siswa. pada media pembelajaran yang telah dibuat oleh peneliti. Hasil uji coba yang dilakukan peneliti terhadap beberapa ahli materi dan media. Berikut hasil uji coba ahli materi 1 mendapatkan 90%, ahli materi 2 mendapatkan 80% total keseluruhan ahli materi 1 dan 2 mendapatkan 89% ahli media 1 mendapatkan 77,5%, ahli media 2 mendapatkan 87,5% total keseluruhan ahli media 1 dan 2 mendapatkan 89%, uji coba perorangan 84% uji coba kelompok kecil 80%, dan kelompok besar 84%. berdasarkan hasil presentase yang telah diperoleh dapat disimpulkan bahwa media pembelajaran aplikasi e-modul memperoleh kualifikasi tinggi sehingga media pembelajaran ini layak digunakan.

Kata Kunci: Sistem Operasi, E-modul, Media Pembelajaran, Model ADDIE

Moh rofi. 2024. *Development of Android Based E-module Learning Media on Operating System Material*. Thesis, Informatics Education Study Program, Faculty of Education, University of Trunojoyo Madura. Supervisor: Muchamad Arif, S.Pd, M.Pd.

ABSTRACT

The purpose of this study is (1) To develop an android-based e-module learning media on operating system material (2) To determine the feasibility of an android-based e-module learning media on an operating system. The research method used is the ADDIE (Analysis, Design, Development, Implementation, Evaluation) development research method. The subjects of the study were grade X students majoring in TKJ SMK ASSUBKY, This e-module application has been tested on material experts, media experts, and students. on learning media that has been made by researchers. The results of the trials conducted by researchers on several material and media experts. The following are the results of the trial of material expert 1 getting 90%, material expert 2 getting 80%, the total overall material experts 1 and 2 getting 89%, media expert 1 getting 77.5%, media expert 2 getting 87.5%, the total overall media experts 1 and 2 getting 89%, individual trials 84% small group trials 80%, and large groups 84%. Based on the percentage results obtained, it can be concluded that the e-module application learning media has obtained high qualifications so that this learning media is suitable for use.

Keywords: *Operating Sytem, E-module, Learning Media, ADDIE Model*