

ABSTRAK

Penelitian ini bertujuan untuk menghasilkan produk E-LKPD berbasis android dengan berbantuan Flip PDF Professional menggunakan model cooperative script pada mata pelajaran simulasi dan komunikasi digital materi kelas maya untuk siswa kelas X RPL di SMK Negeri 1 Kamal. Penelitian ini menggunakan tahapan model pengembangan 4-D, diantaranya tahap define, design develop dan disseminate. Objek penelitian ini adalah E-LKPD berbasis android pada mata pelajaran simulasi dan komunikasi digital materi kelas maya. Tahap validasi dan uji coba kecil dilakukan terhadap kelayakan E-LKPD. Validasi oleh ahli E-LKPD dari segi media maupun materi. Sedangkan uji coba kecil dengan metode penyebaran angket kepada peserta didik kelas x rpl di SMKN 1 Kamal semester genap.

Kesimpulan yang dapat diambil dari penelitian ini yaitu, 1) Pengembangan E-LKPD berbasis android dengan berbantuan flip pdf professional terdiri dari beberapa tahap yaitu tahap identifikasi masalah, analisis kebutuhan dan pengumpulan data, desain, implementasi, validasi, revisi, uji coba, revisi akhir, dan produk akhir E-LKPD. 2) Hasil penilaian kevalidan E-LKPD berbasis android dengan berbantuan flip pdf professional dari hasil perolehan ahli media dan ahli materi mendapatkan rata-rata skor 84% yang dikategorikan layak oleh ahli materi. 3) sedangkan hasil penilaian kepraktisan E-LKPD berbasis android dengan berbantuan flip pdf professional yang diperoleh dari penilaian guru mata pelajaran dan penilaian siswa mendapatkan rata-rata skor 88% yang dikategorikan layak.

Kata Kunci : E-LKPD, *flip pdf professional*, *cooperative script*, kelas maya

ABSTRACT

This research aims to produce an Android-based E-LKPD product with the help of Flip PDF Professional using a cooperative script model in simulation subjects and digital communication for virtual classroom materials for class X RPL students at SMK Negeri 1 Kamal. This research uses the stages of a 4-D development model, including the define, design develop and disseminate stages. The object of this research is an Android-based E-LKPD on simulation subjects and digital communication for virtual classroom materials. The validation stage and small trials were carried out on the feasibility of the E-LKPD. Validation by E-LKPD experts in terms of media and materials. While a small trial using the method of distributing questionnaires to students of class x RPL at SMKN 1 Kamal in even semesters.

The conclusions that can be drawn from this research are, 1) The development of an Android-based E-LKPD with the help of a Flip PDF Professional consists of several stages, namely the problem identification stage, needs analysis and data collection, design, implementation, validation, revision, trial, final revision. , and the final product of E-LKPD. 2) The results of the Android-based E-LKPD validity assessment with the help of a Flip PDF Professional from the results of the acquisition of media experts and material experts got an average score of 84% which was categorized as feasible by material experts. 3) while the results of the Android-based E-LKPD practicality assessment with the help of a Flip PDF Professional obtained from the assessment of subject teachers and student assessments get an average score of 88% which is categorized as feasible.

Keywords : E-LKPD, flip pdf professional, cooperative script, virtual class