

ABSTRAK

Berdasarkan hasil wawancara di SMK An Nur Fuadi Bangkalan kepada guru pengampu materi administrasi infrastruktur jaringan bahwasanya siswa merasakan bosan saat kegiatan pembelajaran dan media pembelajaran hanya menggunakan media cetak buku paket. Penelitian ini bertujuan untuk mengembangkan desain *e-modul*, pengujian kelayakan *e-modul* kepada para ahli dan melakukan uji coba respon siswa terhadap *e-modul* pada mata pelajaran administrasi infrastruktur jaringan kelas XI di SMK An Nur Fuadi Bangkalan supaya peserta didik mampu memahami materi administrasi infrastruktur jaringan. Penelitian ini merupakan penelitian dan pengembangan dengan menggunakan model penelitian ADDIE (*Analysis, Design, Development, Implementation, Evaluation*). Produk *e-modul* telah di validasi kepada ahli media, ahli materi dan uji coba respon siswa. Hasil uji coba ahli media memperoleh persentase 99%, Uji coba ahli materi memperoleh persentase 90%, Uji coba perorangan memperoleh persentase 91%, sedangkan uji kelompok kecil memperoleh persentase 90% dan uji coba kelompok besar memperoleh persentase 90%. Berdasarkan hasil persentase yang diperoleh Dapat disimpulkan bahwa media pembelajaran berupa *e-modul* administrasi infrastruktur jaringan memperoleh kualifikasi tinggi sehingga media pembelajaran ini sangat layak digunakan.

Kata Kunci: *e-modul*, Media Pembelajaran, ADDIE, Administrasi Infrastruktur Jaringan

ABSTRACT

Based on the results of interviews at SMK An Nur Fuadi Bangkalan to teachers in charge of network infrastructure administration materials that students feel bored during learning activities and learning media only use printed media packages. This study aims to develop an e-module design, test the feasibility of e-modules to experts and conduct a test of student responses to e-modules on the subject of network infrastructure administration class XI at SMK An Nur Fuadi Bangkalan so that students are able to understand infrastructure administration material. network. This research is research and development using the ADDIE research model (Analysis, Design, Development, Implementation, Evaluation.). The e-module product has been validated by media experts, material experts and student response trials. The results of the media expert trial obtained a percentage of 99%, the material expert trial obtained a percentage of 90%, the individual trial obtained a percentage of 91%, while the small group test obtained a percentage of 90% and the large group trial obtained a percentage of 90%. Based on the percentage results obtained, it can be concluded that the learning media in the form of an e-module network infrastructure administration has high qualifications so that this learning media is very feasible to use.

Keywords: e-module, Learning Media, ADDIE, Network Infrastructure Administration