

Andi Risqita Nuria Fawash. 2025. Pengembangan Media Pembelajaran Berbasis Android pada Materi Perencanaan dan Pengalamatan Jaringan SMKN 1 Kamal. Skripsi, Program Studi Pendidikan Informatika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Evy Maya Stefany, S.Pd. M.Pd.

ABSTRAK

Media pembelajaran berfungsi sebagai bahan yang dapat menyampaikan pesan-pesan pembelajaran. Salah satu manfaat penelitian ini untuk meningkatkan motivasi belajar siswa selama proses belajar mengajar. Pada penelitian ini menggunakan model ADDIE (*Analysis, Design, Development, Implementation, dan Evaluation*). Instrumen penelitian yang digunakan meliputi angket validasi dari ahli materi dan ahli media, serta angket respons peserta didik untuk mengevaluasi efektivitas media pembelajaran yang dikembangkan. Hasil validasi dari validator materi 1 menunjukkan bahwa media pembelajaran yang dikembangkan mencapai tingkat kelayakan yang “sangat layak” dengan persentase 82,85% dan validator materi 2 memiliki persentase kelayakan 91,42% dengan kategori “sangat layak”, serta 75% dari validator media 1 dengan kategori “layak” dan 91,66% validator media 2 dengan kategori “sangat layak”, keduanya tergolong dalam kategori "sangat layak" tanpa memerlukan revisi. Uji coba dilakukan pada siswa kelas XI TKJ di SMKN 1 Kamal melalui tiga tahap: uji coba perorangan, kelompok kecil, dan kelompok besar. Hasilnya menunjukkan respons positif dengan persentase masing-masing sebesar 85,64%, 93,33%, dan 93,46%. Berdasarkan temuan ini, dapat disimpulkan bahwa media pembelajaran berbasis *android* pada materi perencanaan dan pengalamatan jaringan SMKN 1 Kamal sangat layak digunakan sebagai media pembelajaran yang interaktif, efektif, dan menarik bagi siswa.

Kata kunci: Media Pembelajaran, Perencanaan dan Pengalamatan Jaringan, ADDIE.

Andi Risqita Nuria Fawash. 2025. Development of Android-Based Learning Media on Network Planning and Addressing Materials at SMKN 1 Kamal. Thesis, Informatics Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University, Madura. Advisor: Evy Maya Stefany, S.Pd. M.Pd.

ABSTRACT

Learning media functions as a material that can convey learning messages. One of the benefits of this research is to increase student learning motivation during the teaching and learning process. This research uses the ADDIE model (Analysis, Design, Development, Implementation, and Evaluation). The research instruments used include validation questionnaires from material experts and media experts, as well as student response questionnaires to evaluate the effectiveness of the developed learning media. The validation results from material validator 1 show that the developed learning media reaches a feasibility level of "very feasible" with a percentage of 82.85% and material validator 2 has a feasibility percentage of 91.42% with the category of "very feasible", as well as 75% of media validator 1 with the category of "feasible" and 91.66% of media validator 2 with the category of "very feasible", both are classified as "very feasible" without requiring revision. The trial was conducted on class XI TKJ students at SMKN 1 Kamal through three stages: individual trials, small groups, and large groups. The results showed a positive response with percentages of 85.64%, 93.33%, and 93.46%, respectively. Based on these findings, it can be concluded that the Android-based learning media for the network planning and addressing material at SMKN 1 Kamal is highly suitable for use as an interactive, effective, and engaging learning medium for students.

Keywords: *Learning Media, Network Planning and Addressing, ADDIE.*