

Zuda Nuril Mustofa. 2023. *Pengembangan Media Pembelajaran Berbasis Augmented Reality Materi Komponen Jaringan Wan Pada Kelas Xi Tkj Di Smk Darul Mustofa*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Dosen Pembimbing Prita Dellia, S.Kom., M.Kom.

ABSTRAK

Kurangnya fasilitas dan alokasi waktu pembelajaran yang terbatas di SMK Darul Mustofa serta media pembelajaran yang digunakan hanya berdasarkan buku yang isinya kurang lengkap menyebabkan peserta didik cepat bosan dalam pembelajaran, khususnya pada materi komponen jaringan WAN. Oleh karena itu dibutuhkan media pembelajaran baru yang layak dan bisa digunakan setiap saat oleh peserta didik. Penelitian ini bertujuan untuk mengembangkan media pembelajaran berbasis *Augmented Reality* pada materi komponen jaringan WAN kelas XI TKJ. Penelitian ini menggunakan model penelitian pengembangan ADDIE yang mempunyai beberapa tahapan seperti *Analysis*, *Design*, *Development*, *Implementation* dan *Evaluation*. Bertempat di SMK Darul Mustofa dengan subjek penelitian peserta didik kelas XI TKJ. Hasil dari penelitian ini memiliki kualifikasi sangat layak karena mendapatkan 100% dari ahli materi, 86% dari ahli media, 92,5% dari uji coba perorangan, 97,22 dari uji coba kelompok kecil dan 91% dari uji coba kelompok besar. Dapat disimpulkan bahwa pengembangan media pembelajaran berbasis *Augmented Reality* pada materi komponen jaringan WAN kelas XI TKJ layak digunakan.

Kata Kunci: ADDIE, *Augmented Reality*, Media, Pembelajaran, WAN.

Zuda Nuril Mustofa. 2023. *Development of Augmented Reality-Based Learning Media Component Material for Wan Networks in Class XI Tkj at Darul Mustofa Vocational School*. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University, Madura. Supervisor Prita Dellia, S.Kom., M.Kom.

ABSTRACT

The lack of facilities and limited study time at Darul Mustofa Vocational School and learning media that are only book-based with incomplete content make students easily bored when studying, especially material about WAN network components. Therefore we need new learning media that are appropriate and can be used at any time by students. This study aims to develop augmented reality-based learning media for class XI TKJ, focusing on the WAN network component. The ADDIE development develop augmented reality-based learning media for class XI TKJ, focusing on the WAN network component. The ADDIE development develop augmented reality-based learning media for class XI TKJ, focusing on the WAN network component. The ADDIE development develop augmented reality-based learning media for class XI TKJ, focusing on the WAN network component. The ADDIE development research model is utilized, encompassing stages such as Analysis, Design, Development, Implementation, and Evaluation. The research takes place at Darul Mustofa Vocational School, involving class XI TKJ students as the research subjects. The study's findings demonstrate excellent qualifications, with 100% approval from material experts, 86% from media experts, 92.5% from individual trials, 97.22% from small group trials, and 91% from large group trials. In conclusion, the development of augmented reality- based learning media for the WAN network component in class XI TKJ is considered feasible.

Keywords: ADDIE, Augmented Reality, Learning, Media, WAN.