

Pengembangan Media Pembelajaran Interaktif Berbasis *Adobe Flash CS6* Pada Materi Sistem *Air Conditioner* Mobil

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ABSTRAK

Media Pembelajaran Interaktif Berbasis *Adobe Flash CS6* Dengan Materi Sistem *Air Conditioner* Pada Mobil. Penelitian ini dilatar belakangi pada Saat menyampaikan materi sistem AC Mobil menggunakan media *powerpoint* dan beberapa coretan di papan tulis, buku modul yang tersedia tidak dibaca dan dipahami dengan baik oleh siswa. Disebabkan karena isinya berupa teks, video yang ditampilkan guru di depan kelas bersumber dari *youtube* sehingga memerlukan jaringan internet dan variasi media pembelajaran guru yang digunakan dalam penyampaian materi belum maksimal diantaranya belum tersedianya media pembelajaran interaktif berbasis *Adobe Flash CS6* pada materi sistem AC Mobil. Oleh karena itu peneliti mengembangkan sebuah media pembelajaran interaktif berbasis *Adobe Flash CS6* sebagai sarana proses belajar mengajar yang bisa di akses tanpa menggunakan jaringan internet. Diharapkan media pembelajaran yang peneliti kembangkan dapat meningkatkan hasil belajar siswa. Instrumen yang digunakan yaitu lembar observasi ahli media, ahli materi dan uji coba lapangan. Model pengembangan menggunakan model penelitian ADDIE yaitu analisis, desain, pengembangan, implementasi dan evaluasi. Hasil data kuantitatif dengan skala. Berdasarkan uji intrumen ahli materi di dapat persentase 88,46% yang dikategorikan sangat layak sedangkan uji intrumen ahli media di dapat persentase 90% yang dikategorikan sangat layak untuk diterapkan ke siswa. Uji coba lapangan diklasifikasikan menjadi dua yaitu uji coba kelompok kecil dengan jumlah 29 siswa didapatkan persentase 91,31% yang dikategorikan sangat praktis dan uji coba kelompok besar dengan jumlah 58 siswa didapatkan persentase 90.86% yang dikategorikan sangat praktis untuk diterapkan pada siswa. Dari pernyataan tersebut media yang dikembangkan layak untuk digunakan.

Kata Kunci- Media Pembelajaran, *Adobe Flash*, *Air Conditioner*

Development of Interactive Learning Media Based on Adobe Flash CS6 on Car Air Conditioner System Material

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ABSTRACT

Interactive Learning Media Based on Adobe Flash CS6 with Car Air Conditioning System Material. The background of this research is when conveying material about the car air conditioning system using PowerPoint as media and some scribbles on the blackboard, the available module books are not well read and understood by students. Because the content is in the form of text, the video displayed by the teacher in front of the class is sourced from YouTube, so it requires an internet network and a variety of teacher learning media used in delivering material is not optimal, including the unavailability of interactive learning media based on Adobe Flash CS6 on car air conditioning system material. Therefore the researcher developed an interactive learning media based on Adobe Flash CS6 as a means of teaching and learning process which can be accessed without using an internet network. It is expected that the learning media that researchers develop can improve student learning outcomes. The instruments used were media expert observation sheets, material experts and field trials. The development model uses the ADDIE research model, namely analysis, design, development, implementation and evaluation. Quantitative data results with a scale. Based on the material expert instrument test, a percentage of 88.46% was obtained which was categorized as very feasible while the media expert instrument test obtained a percentage of 90% which was categorized as very feasible to be applied to students. Field trials were classified into two: small group trials with a total of 29 students obtained a percentage of 91.31% which was categorized as very practical and large group trials with a total of 58 students obtained a percentage of 90.86% which was categorized as very practical to apply to students. From this statement the developed media is feasible to use

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