

ABSTRAK

Sari Nur Hasanah. 5182143007. Pengembangan Bahan Ajar Berbasis Modul Berbantuan *QR Code* Pada Materi Penyelesaian Tepi Pakaian Kelas X SMK Swasta Citra Harapan Medan. Skripsi. Fakultas Teknik Universitas Negeri Medan.2023.

Penelitian ini bertujuan untuk mengembangkan bahan ajar berbasis modul berbantuan *QR Code* pada materi penyelesaian tepi pakaian siswa kelas X SMK Swasta Citra Harapan dan mengetahui kelayakan bahan ajar berbasis modul berbantuan *QR Code* pada materi penyelesaian tepi pakaian yang dinilai oleh ahli materi, ahli media dan siswa.

Penelitian ini merupakan penelitian dan pengembangan (R&D). penelitian ini menggunakan model 4-D yang memiliki 4 tahapan dalam pengembangan yaitu *Define, Design, Development* dan *Disseminate*. Subjek penelitian adalah 4 orang ahli yang terdiri dari 2 ahli materi dan 2 ahli media dan seluruh siswa kelas X SMK Citra Harapan Medan yang berjumlah 33 orang.

Hasil penelitian adalah bahan ajar berbasis modul berbantuan qr code pada materi penyelesaian tepi pakaian menurut ahli materi termasuk kategori “Sangat Baik” dengan rata-rata skor 84,5 dan menurut ahli media termasuk kategori “Sangat Baik” dengan rata-rata skor penilaian 105. Hasil uji kelayakan kelas terbatas memperoleh rata-rata skor 64,8 dengan kategori “Baik” dan uji kelayakan pada kelompok besar memperoleh rata-rata skor penilaian 73 dengan kategori “Sangat Baik”. Sehingga dapat disimpulkan bahwa bahan ajar berbasis modul berbantuan *QR Code* yang dikembangkan termasuk kategori sangat baik dan sangat layak digunakan sebagai bahan ajar pada materi penyelesaian tepi pakaian siswa kelas X SMK Swasta Citra Harapan Medan.

Kata kunci : Bahan Ajar, Modul, QR Code, Penyelesaian Tepi Pakaian, 4-D.

ABSTRACT

Sari Nur Hasanah. 5182143007. Development of Qr Code-Assisted Module-Based Teaching Materials on Material for Completion of Class X Clothes Edges at Citra Harapan Private Vocational School, Medan. Thesis. Faculty of Engineering, Medan State University. 2023.

This study aims to develop module-based teaching materials assisted by qr code on material for finishing the edges of clothing for class X students of Citra Harapan Private Vocational School and determine the feasibility of teaching materials based on modules assisted by QR Code on material for finishing the edges of clothing assessed by material experts, media experts and students.

This research is rese arch and development (R&D). This study uses a 4-D model which has 4 stages in development, namely Define, Design, Development and Disseminate. The research subjects were 4 experts consisting of 2 material experts and 2 media experts and all 33 students of class X at SMK Citra Harapan Medan.

The results of the research are that the teaching materials based on the qr code assisted module on the edge finishing material according to material experts are included in the "Very Good" category with an average score of 84,5 and according to media experts it is included in the "Very Good" category with an average rating score of 105. The results of the limited class feasibility test obtained an average score of 64.8 in the "Good" category and the due diligence in the large group obtained an average rating score of 73 in the "Very Good" category. So it can be concluded that the QR Code-assisted module-based teaching materials developed are in the very good category and are very suitable to be used as teaching materials for edge finishing materials for class X students of Citra Harapan Private Vocational School, Medan.

Keywords: Teaching Materials, Modules, QR Code, Finishing Edges of Clothes, 4-D.