

ABSTRAK

Riska Zamili. Nim 5203143023 : Pengembangan E-Modul Menggambar Berbagai-Macam Pola Kerah Siswa Kelas X Tata Busana SMK Swasta Setia Budi Binjai. Skripsi. Program Studi Pendidikan Tata Busana. Jurusan Pendidikan Kesejahteraan Keluarga. Fakultas Teknik. Universitas Negeri Medan 2025.

Penelitian ini dilatar belakangi berdasarkan hasil observasi dan wawancara yang diketahui bahwa peserta didik mengalami kesulitan dalam materi macam pola kerah, yang merupakan salah satu materi dalam kompetensi Tata Busana yang perlu dikuasai oleh siswa kelas x, kesulitan dalam memahami bentuk, jenis, dan proses pembuatan pola kerah menjadi kendala dalam proses pembelajaran. Penelitian ini bertujuan untuk mengembangkan dan mengetahui kelayakan media pembelajaran berupa e-modul guna mendukung pemahaman peserta didik terhadap materi tersebut.

Metode pengembangan e-modul dalam penelitian ini menggunakan metode *Research and Development* (R&D) dengan model pengembangan 4D yang terdiri dari tahap *Define, Design, Develop, dan Disseminate*. Teknik pengumpulan data dalam penelitian ini dilakukan dengan menggunakan wawancara, observasi, dan kuesioner (angket), yang dianalisis secara deskriptif kuantitatif untuk menilai kelayakan e-modul. Penelitian ini melalui tahap uji validasi dengan 2 validator ahli materi dan 2 validator ahli media, serta uji coba pengembangan e-modul dengan subjek penelitian yang digunakan sebanyak 30 peserta didik kelas X Tata Busana SMK Swasta Setia Budi Binjai.

Hasil penelitian menunjukkan analisis kebutuhan peserta didik sebesar 95,67% dan guru 100%, keduanya memerlukan pengembangan e-modul. Uji kelayakan e-modul pada tahap validasi oleh ahli materi memperoleh persentase rata-rata sebesar 94% dan validasi oleh ahli media sebesar 91%, keduanya termasuk dalam kategori “sangat baik”. Selanjutnya, pada tahap uji coba pengembangan e-modul kepada peserta didik, rata-rata persentase uji coba kelompok kecil sebesar 96%, uji coba kelompok sedang sebesar 90.5%, dan uji coba kelompok besar sebesar 96%. Selain itu, hasil uji coba yang dilakukan kepada guru bidang studi pola kerah menunjukkan rata-rata persentase sebesar 97%. Berdasarkan hasil tersebut, dapat disimpulkan bahwa e-modul dinilai sangat baik dan layak digunakan sebagai media pembelajaran dalam proses belajar mengajar.

Kata Kunci : Pengembangan, E-Modul, Pola Kerah, 4D

ABSTRACT

Riska Zamili. Student ID 5203143023: Development of an E-Module for Drawing Various Collar Patterns for 10th-grade Fashion Design Students at Setia Budi Private Vocational High School, Binjai. Thesis. Fashion Design Education Study Program. Family Welfare Education Department. Faculty of Engineering. State University of Medan 2025.

This research is motivated by the fact that students experience difficulties in understanding the collar pattern material, which is one of the materials in the Fashion Design competency that needs to be mastered by grade X students. Difficulties in understanding the shape, type, and process of making collar patterns become obstacles in the learning process. This research aims to develop and determine the feasibility of learning media in the form of e-modules to support students' understanding of the material.

The e-module development method in this study uses the Research and Development (R&D) method with a 4D development model consisting of the Define, Design, Develop, and Disseminate stages. Data collection techniques in this study were carried out using interviews, observations, and questionnaires, which were analyzed descriptively quantitatively to assess the feasibility of the e-module. This study went through a validation test stage with 2 material expert validators and 2 media expert validators, as well as a trial of e-module development with research subjects used as many as 30 class X Fashion Design students of SMK Swasta Setia Budi Binjai.

The results of the study showed that the analysis of student needs was 95.67% and 100% of teachers, both of whom required the development of e-modules. The feasibility test of the e-module at the validation stage by material experts obtained an average percentage of 94% and validation by media experts was 91%, both of which were included in the "very good" category. Furthermore, at the trial stage of e-module development for students, the average percentage of small group trials was 96%, medium group trials were 90.5%, and large group trials were 96%. In addition, the results of trials conducted with teachers of the collar pattern study field showed an average percentage of 97%. Based on these results, it can be concluded that the e-module is considered very good and suitable for use as a learning medium in the teaching and learning process.

Keywords: Development, E-Module, Collar Pattern, 4D