

ABSTRAK

Fanisya Yolanda. “Perancangan Media Pembelajaran E-Book Membuat Tusuk Dasar Hias Siswa Kelas XI Tata Busana di SMK Citra Harapan”. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2025.

Pemahaman siswa kelas XI Tata Busana di SMK Citra Harapan terhadap materi langkah-langkah membuat tusuk dasar hias seperti tusuk rantai, flanel, silang, feston, dan pipih masih kurang optimal. Penelitian ini bertujuan untuk merancang dan menguji Kelayakan media pembelajaran *e-book* guna membantu siswa memahami dan mempraktikkan macam-macam tusuk dasar hias.

Penelitian ini menggunakan metode Research and Development (R&D) dengan model pengembangan 4D yang terdiri atas tahap Define, Design, Develop, dan Disseminate. Instrumen pengumpulan data yang digunakan meliputi angket kebutuhan siswa dan guru, angket validasi oleh ahli materi dan ahli media, serta angket respon siswa terhadap kelayakan media pembelajaran *e-book*. Data yang diperoleh dianalisis secara deskriptif kuantitatif dengan menggunakan skor skala Likert untuk menilai kelayakan media, dan skala Guttman untuk mengukur kebutuhan guru dan siswa, sesuai kategori penilaian yang telah ditetapkan.

Berdasarkan hasil validasi oleh ahli materi, ahli media, serta angket respon siswa terhadap kelayakan media pembelajaran *e-book*, diperoleh rata-rata skor kelayakan dari ahli materi sebesar 88% dan dari ahli media sebesar 92%, keduanya termasuk dalam kategori “Sangat Baik”. Uji coba terbatas kepada siswa juga menunjukkan bahwa media *e-book* mendapatkan penilaian sebesar 90,5%, yang juga masuk dalam kategori “Sangat Baik” untuk digunakan sebagai media pembelajaran. Media *e-book* yang dirancang menyajikan langkah pembuatan tusuk dasar hias, dilengkapi ilustrasi dan QR Code menuju video tutorial di YouTube. Media ini dapat diakses melalui berbagai perangkat elektronik, sehingga mendukung pembelajaran mandiri dan menjadi alternatif yang sesuai dengan Kurikulum Merdeka

Kata Kunci: Media pembelajaran, *E-book*, Tusuk dasar hias, *Research And Development* (R&D), Tata Busana

ABSTRACT

Fanisya Yolanda. “Design of E-Book Learning Media for Basic Decorative Stitches for Grade XI Fashion Design Students at SMK Citra Harapan”. Thesis. Faculty of Engineering. State University of Medan. 2025.

The understanding of Grade XI Fashion Design students at SMK Citra Harapan regarding the steps in making basic decorative stitches—such as chain stitch, flannel stitch, cross stitch, blanket stitch, and satin stitch—is still not optimal. This study aims to design and assess the feasibility of an e-book learning media to help students understand and practice various types of basic decorative stitches.

This research uses the Research and Development (R&D) method with a 4D development model, which includes the stages of Define, Design, Develop, and Disseminate. The data collection instruments used were student and teacher needs questionnaires, validation questionnaires by material and media experts, as well as student response questionnaires to assess the feasibility of the e-book learning media. The data obtained were analyzed descriptively and quantitatively using a Likert scale to assess the feasibility of the media and a Guttman scale to measure teacher and student needs, following predetermined assessment categories.

Based on the validation results, the e-book received an average feasibility score of 88% from material experts and 92% from media experts, both categorized as “Excellent.” A limited trial conducted with students also showed a feasibility score of 90.5%, which was likewise categorized as “Excellent” for use as a learning medium. The designed e-book presents the steps for making basic decorative stitches, equipped with illustrations and QR Codes linked to tutorial videos on YouTube. This media can be accessed through various electronic devices, supporting independent learning and serving as a suitable alternative in line with the Merdeka Curriculum.

Keywords: Learning media, E-book, Basic decorative stitches, Research and Development (R&D), Fashion Design