

ABSTRAK

Nurul Hajirah: *Perancangan Media Pembelajaran E-book Berbasis Flipbook Pada Mata Pelajaran Hiasan Busana Pada Kelas XI SMK Negeri 8 Medan*. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2025.

Perancangan media pembelajaran e-book berbasis *flipbook* dilatar belakangi oleh tantangan yang dihadapi siswa dalam memahami materi serta kesulitan siswa dalam menggabungkan tusuk dasar menjadi variasi baru, dikarenakan proses pembelajaran yang masih terpusat pada guru dan kurangnya media belajar mandiri yang bervariasi. Tujuan dari penelitian ini adalah: 1) Untuk mengetahui perancangan media pembelajaran e-book berbasis *flipbook* pada mata pelajaran hiasan busana siswa kelas XI SMK Negeri 8 Medan; 2) Untuk mengetahui kelayakan media pembelajaran e-book berbasis *flipbook* pada mata pelajaran hiasan busana siswa kelas XI SMK Negeri 8 Medan.

Metode yang digunakan R&D dengan model pengembangan 4D, yang meliputi tahapan *Define, Design, Develop, dan Disseminate*. Teknik pengumpulan data yang digunakan adalah observasi, wawancara, dan angket. Data dianalisis menggunakan deskriptif kuantitatif dengan skor skala *Likert* untuk validasi dan uji coba, serta skala *Guttman* untuk analisis kebutuhan.

Hasil penelitian menunjukkan bahwa media pembelajaran e-book berbasis *flipbook* yang dikembangkan sangat layak untuk digunakan. Penilaian dari ahli materi memperoleh rata-rata persentase 92% dalam kategori "sangat valid", dan ahli media memperoleh rata-rata persentase 81,6% dalam kategori "cukup valid". Hasil uji kelayakan pada kelompok kecil (5 siswa) mendapatkan persentase skor rata-rata 88% dan pada kelompok besar (30 siswa) mendapatkan persentase skor rata-rata 91,2%. Berdasarkan hasil tersebut, disimpulkan bahwa media e-book berbasis *flipbook* sangat layak digunakan sebagai media pembelajaran di kelas XI SMK Negeri 8 Medan.

Kata Kunci: E-book, Flipbook, Hiasan Busana, Tusuk Dasar Sulaman, R&D.



ABSTRACT

Nurul Hajirah; Development of Flipbook-Based E-Book Learning Media for the Fashion Decoration Subject in Grade XI of State Vocational High School 8 Medan. Thesis. Faculty of Engineering, State University of Medan. 2025.

The design of this flipbook-based e-book learning media was motivated by the challenges faced by students in understanding the material and the difficulties they faced in combining basic stitches into new variations, due to the teacher-centered learning process and the lack of varied independent learning media. The objectives of this study were: 1) To determine the design of a flipbook-based e-book learning media for the fashion decoration subject for grade XI students of State Vocational High School 8 Medan; 2) To determine the feasibility of this flipbook-based e-book learning media for the fashion decoration subject for grade XI students of State Vocational High School 8 Medan.

This study used the R&D method with the 4D development model, which includes the stages of Define, Design, Develop, and Disseminate. Data collection techniques used were observation, interviews, and questionnaires. Data were analyzed using quantitative descriptive analysis with Likert scale scores for validation and testing, and a Guttman scale for needs analysis.

The results showed that the developed flipbook-based e-book learning media was highly feasible for use. Assessments from material experts yielded an average score of 92%, categorized as "very valid," and from media experts an average score of 81.6%, categorized as "quite valid." The feasibility test for a small group (5 students) yielded an average score of 88%, and for a large group (30 students) an average score of 91,2%. Based on these results, it was concluded that the flipbook-based e-book media was highly feasible for use as a learning medium in grade XI of SMK Negeri 8 Medan.

Keywords: E-book, Flipbook, Fashion Decorations, Basic Embroidery Stitches, R&D.

