ABSTRAK

Erlis Megayanti : Pengembangan Media Pembelajaran E-Modul pada Mata Pelajaran Produk Pastry dan Bakery di SMK Gelora Jaya Nusantara Medan. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2022.

Penelitian ini bertujuan untuk : (1) Menghasilkan Media Pembelajaran E-Modul pada Mata Pelajaran Produk Pastry dan Bakery; (2) Untuk mengetahui kelayakan media pembelajaran E-Modul pada Mata Pelajaran Produk Pastry dan Bakery oleh Ahli Materi, Ahli Media dan Respon Siswa. Lokasi penelitian dilakukan di SMK Gelora Jaya Nusantara Medan. Waktu penelitian pada September – November 2022. Penelitian ini menggunakan model pengembangan 4-D yang dibatasi menjadi 3 langkah, yaitu (1) *Define;* (2) *Design;* dan (3) *Development.* Subjek penelitian terdiri dari 2 orang ahli materi, 1 orang ahli media dan 30 siswa Jurusan Tata Boga di SMK Gelora Jaya Nusantara Medan . Teknik pengumpulan data menggunakan angket untuk menjaring data kualitas materi, data kualitas media dan data respon siswa. Data dianalisis menggunakan teknik statistik deskriptif.

Berdasarkan hasil penelitian ini, hasil analisis kebutuhan Guru dan siswa menunjukkan bahwa seluruh guru dan siswa membutuhkan media pembelajaran E-Modul, masing-masing skor ≥ 50 persen. Produk yang dihasilkan yaitu media pembelajaran E-Modul yang telah diuji kelayakannya menurut ahli materi, ahli media dan respon siswa. Hasil validasi ahli materi berdasarkan aspek kelayakan isi termasuk kategori "Sangat Layak" dengan persentase skor sebesar 95 persen, berdasarkan aspek penyajian termasuk kategori "Sangat Layak" dengan persentase skor sebesar 92,5 persen, dan berdasarkan aspek kebahasaan termasuk kategori "Sangat Layak" dengan persentase skor sebesar 93,3 persen, untuk kelayakan materi keseluruhan memperoleh persentase sebesar 93,6 persen dengan kriteria "Sangat Layak". Hasil validasi ahli media berdasarkan aspek penyajian termasuk kategori "Sangat Layak" dengan persentase skor sebesar 94,3 persen, dan berdasarkan aspek kegrafikan termasuk kategori "Sangat Layak" dengan persentase skor sebesar 92 persen, untuk kelayakan media secara keseluruhan memperoleh persentase kelayakan sebesar 93,1 persen dengan kriteria "Sangat Layak". Hasil akaspetansi media memperoleh skor sebesar 4,90 dengan kategori "Akseptansi Sangat Tinggi". Dengan demikian, media pembelajaran E-Modul pada Mata Pelajaran Produk Pastry dan Bakery Materi Cake layak dan efektif digunakan dalam proses pembelajaran.

Kata Kunci: Media Pembelajaran, E-Modul, Produk Pastry dan Bakery

ABSTRACT

Erlis Megayanti : Development of E-Module Learning Media in the Subject of Pastry and Bakery Products at SMK Gelora Jaya Nusantara Medan. Thesis. Faculty of Engineering. Medan State University. 2022

This study aims to: (1) Produce E-Module Learning Media on Pastry and Bakery Products Subjects; (2) To determine the feasibility of E-Module learning media in Pastry and Bakery Products Subjects by Material Experts, Media Experts and Student Responses. The location of the research was conducted at SMK Gelora Jaya Nusantara Medan. The research time is September – November 2022. This study uses a 4-D development model which is limited to 3 steps, namely (1) Define; (2) Design; and (3) Development. The research subjects consisted of 2 material experts, 1 media expert and 30 students of the Catering Department at SMK Gelora Jaya Nusantara Medan. The data collection technique used a questionnaire to collect material quality data, media quality data and student response data. Data were analyzed using descriptive statistical techniques.

Based on the results of this study, the results of the teacher and student needs analysis show that all teachers and students need E-Module learning media, each with a score of ≥ 50 percent. The resulting product is E-Module learning media which has been tested for its feasibility according to material experts, media experts and student responses. The results of the material expert validation based on the content feasibility aspect are included in the "Very Eligible" category with a score percentage of 95 percent, based on the presentation aspect including the "Very Eligible" category with a score percentage of 92.5 percent, and based on linguistic aspects including the "Very Eligible" category with the percentage score is 93.3 percent, for overall material feasibility it gets a percentage of 93.6 percent with the "Very Eligible" criteria. The results of media expert validation based on presentation aspects included in the "Very Decent" category with a score percentage of 94.3 percent, and based on graphical aspects included in the "Very Decent" category with a score percentage of 92 percent, for media eligibility as a whole obtained a feasibility percentage of 93, 1 percent with the criteria of "Very Eligible". The results of media acceptance obtained a score of 4.90 in the "Very High Acceptance" category. Thus, the E-Module learning media in the Subject of Pastry and Bakery Products Cake Materials is appropriate and effective for use in the learning process.

Keywords: Learning Media, E-Module, Pastry and Bakery Products