

ABSTRAK

Chairi Uyun Siregar. NIM 5173142009. *Pengembangan Media Pembelajaran Berbasis Video Tutorial Pada Kompetensi Dasar Tepung Beras Siswa SMKN 2 Binjai. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2022*

Penelitian ini bertujuan: 1) Mengembangkan media pembelajaran berbasis *Video Tutorial* kompetensi dasar tepung beras mata pelajaran produk cake dan kue Indonesia untuk siswa kelas XI SMKN 2 Binjai. 2) Mengetahui kelayakan media pembelajaran berbasis *Video Tutorial* kompetensi dasar tepung beras siswa kelas XI SMKN 2 Binjai melalui uji validasi oleh ahli materi dan media. Penelitian dilakukan pada semester ganjil Tahun Ajaran 2021/2022.

Penelitian ini menggunakan jenis penelitian dan pengembangan (*Research and Development*) menggunakan model ADDIE yang dibatasi yaitu: 1) *Analysis* (analisis kebutuhan), 2) *Design* (membuat storyboard dan pembuatan media), 3) *Development* (validasi oleh ahli materi dan media). Penelitian dilakukan oleh 2 orang ahli materi dan 1 orang ahli media. Instrument pengumpulan data yang digunakan adalah kuesioner. Data yang digunakan penelitian ini yaitu kuantitatif dan kualitatif.

Hasil penelitian dapat dilihat dari hasil analisis kebutuhan guru menyatakan 100% media berbasis *Video Tutorial* diperlukan guru dan 98% dari 35 siswa kelas XI membutuhkan media berbasis *Video Tutorial*. Hasil kelayakan media menurut ahli materi memperoleh persentase 95,77% dan masuk ke kategori sangat layak, dan hasil kelayakan media menurut ahli media memperoleh persentase 83,85% masuk ke kategori sangat layak. Sehingga dapat disimpulkan bahwa media pembelajaran berbasis *Video Tutorial* kompetensi dasar tepung beras mata pelajaran produk cake dan kue Indonesia dapat digunakan sebagai media pembelajaran pada siswa kelas XI jurusan Tata Boga di SMKN 2 Binjai.

Kata Kunci: Pengembangan Media, Media Berbasis Video Tutorial, Kompetensi

Dasar Tepung Beras, Produk Cake dan Kue Indonesia.



ABSTRACT

Chairi Uyun Siregar. NIM 5173142009. *Development of Based Learning Media of Tutorial Video on Basic Competence Rice Flour at SMKN 2 Binjai Students. Thesis. Faculty of Engineering. Medan State University. 2022*

This research aims to: 1) Develop video-based learning media Tutorial basic competence of rice flour on Indonesian cake and cake product subjects for students of class XI SMKN 2 Binjai. 2) Knowing the feasibility of video-based learning media Tutorial basic competence of rice flour students class XI SMKN 2 Binjai through validation tests by material experts and media experts. The research time was conducted in the odd semester of the Academic Year 2021/2022.

This research is a Research and Development, using a limited ADDIE research model, namely: 1) Analysis (needs analysis), 2) Design (creating storyboards and media creation), 3) Development (validation by material experts and media experts). The research subjects were conducted by 2 material experts and 1 media expert. The data collection instrument used is questionnaire. The data used in this study is quantitative and qualitative.

The results of the study can be seen from the results of teacher needs analysis stated that 100% of Video Tutorial-based media is required by teachers and 98% of 35 grade XI students need Video Tutorial-based media. Video Tutorial-based media eligibility results according to material experts earned a percentage of 95.77% and entered into a very decent category, and the results of video tutorial-based media eligibility according to media experts obtained a percentage of 83.85% into very worthy categories. So it can be concluded that the learning media based on Video Tutorial basic competence of rice flour in Indonesian cake and cake product subjects can be used as a learning medium in class XI students majoring in Tata Boga at SMKN 2 Binjai.

Keywords: Media Development, Video-Based Media Tutorial, Competence Basic Rice Flour, Cake Products and Indonesian Cakes

