

PENGEMBANGAN MEDIA PEMBELAJARAN FLIPBOOK DENGAN MODEL 4D PADA MATA KULIAH DASAR PENGOLAHAN MAKANAN DI PRODI PENDIDIKAN VOKASIONAL SENI KULINER

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ABSTRAK

Penelitian ini bertujuan untuk 1) mengklasifikasikan langkah-langkah pengembangan *flipbook* dengan model pengembangan 4D pada mata kuliah dasar pengolahan makanan, materi teknik dasar memasak prodi pendidikan vokasional seni kuliner; 2) Menguji validitas media pembelajaran berbasis *flipbook* pada Mata Kuliah Dasar Pengolahan Makanan, materi Teknik Dasar Memasak Prodi Pendidikan Vokasional Seni Kuliner. Penelitian dan pengembangan ini menggunakan pendekatan *Research and Development* (R&D) ini dilakukan dengan menggunakan model 4D, yang terdiri dari tahap *define, design, develop, dan disseminate*. Data dikumpulkan melalui metode observasi, wawancara dengan menggunakan pedoman wawancara dan penyebaran kuesioner analisis kebutuhan peserta didik dan analisis validitas ahli materi, ahli media serta ahli desain. Hasil penelitian menunjukkan bahwa 1) langkah-langkah pengembangan media pembelajaran *flipbook* dilakukan secara sistematis sesuai dengan model 4D, yaitu pada tahap *define* dilakukan observasi tempat penelitian, analisis sumber belajar, analisis kebutuhan peserta didik, tahap *design* perancangan storyboard, penyusunan kerangka materi, penyusunan kerangka tampilan dan membuat visual media *flipbook*, tahap *development* mengembangkan media dan melakukan tahap validasi oleh para ahli, tahap *disseminate* menyebarkan produk media pembelajaran *flipbook* kepada dosen pengampu mata kuliah dasar pengolahan makanan, 2) Hasil uji validasi media pembelajaran *flipbook* termasuk kategori sangat valid, dengan rata-rata persentase validitas ahli materi 98,7%, rata-rata persentase ahli media 98%, dan rata-rata persentase ahli desain pembelajaran 96,5%. Berdasarkan hasil uji validitas menunjukkan bahwa media pembelajaran *flipbook* pada materi teknik dasar memasak memperoleh kategori sangat valid berdasarkan penilaian ahli materi, ahli media, dan ahli desain. Hal tersebut menunjukkan bahwa media telah memenuhi kriteria kelayakan sehingga layak digunakan dalam proses pembelajaran.

Kata kunci: *Flipbook, model 4D, teknik dasar memasak, dasar pengolahan makanan.*

**DEVELOPMENT OF FLIPBOOK LEARNING MEDIA WITH 4D MODEL
IN BASIC FOOD PROCESSING COURSE IN CULINARY ARTS
VOCATIONAL EDUCATION STUDY PROGRAM**

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ABSTRACT

This study aims to 1) classify the steps of flipbook development with the 4D development model in the basic food processing course, the basic cooking techniques material of the culinary arts vocational education study program; 2) Test the validity of flipbook-based learning media in the Basic Food Processing Course, the Basic Cooking Techniques material of the Culinary Arts Vocational Education Study Program. This research and development uses the Research and Development (R&D) approach which is carried out using the 4D model, which consists of the define, design, develop, and disseminate stages. Data were collected through observation methods, interviews using interview guidelines and distributing questionnaires for analyzing students' needs and analyzing the validity of material experts, media experts, and design experts. The results of the study showed that 1) the steps for developing flipbook learning media were carried out systematically according to the 4D model, namely at the define stage, observations were made at the research site, analysis of learning resources, analysis of student needs, design stage, storyboard design, preparation of material framework, preparation of display framework and making visual flipbook media, development stage, developing media and conducting validation stages by experts, disseminate stage, distributing flipbook learning media products to lecturers in charge of basic food processing courses, 2) The results of the flipbook learning media validation test included a very valid category, with an average percentage of validity from material experts of 98.7%, an average percentage of media experts of 98%, and an average percentage of learning design experts of 96.5%. Based on the results of the validity test, it shows that flipbook learning media on basic cooking techniques material obtained a very valid category based on the assessment of material experts, media experts, and design experts. This shows that the media has met the eligibility criteria so that it is suitable for use in the learning process.

Keywords: *Flipbook, 4D model, basic cooking techniques, basic food processing.*