

**Pengembangan Bahan Ajar Digital Berbasis *Flipbook* Materi Bola Kecil
(Permainan Bulutangkis Teknik Dasar *Servis*, Pukulan *Forehand* dan
Backhand) Peserta Didik Kelas X SMA Negeri 1 Pupuan**

Oleh

I Made Braja Mandala Bumi D., NIM 2116011001

Program Studi Pendidikan Jasmani Kesehatan dan Rekreasi

ABSTRAK

Penelitian ini membahas mengenai pengembangan produk bahan ajar digital berbasis *flipbook* materi bola kecil (permainan bulutangkis teknik dasar *servis* pukulan *forehand* dan *backhand*) peserta didik Kelas X SMA Negeri 1 Pupuan. Tujuan penelitian ini adalah untuk mengetahui tanggapan para ahli terkait produk yang dikembangkan dan peserta didik melalui uji coba perorangan, kelompok kecil, kelompok besar, dan uji kepraktisan terhadap bahan ajar yang dikembangkan. Model pengembangan yang digunakan adalah ADDIE (*Analyze, Design, Development, Implementation, dan Evaluation*). Metode pengumpulan data menggunakan wawancara dan kuesioner. Teknik analisis data menggunakan analisis deskriptif kualitatif dan kuantitatif. Hasil penelitian menunjukkan bahwa: (1) Rancangan pengembangan menggunakan model pengembangan ADDIE. (2) Hasil validasi oleh ahli isi materi memperoleh skor 88% (sangat valid), ahli desain pembelajaran memperoleh skor 96% (sangat valid), dan ahli media pembelajaran memperoleh skor 97% (sangat valid). (3) Hasil uji coba perorangan memperoleh skor 93% (sangat baik), uji coba kelompok kecil sebesar 90% (sangat baik), uji coba kelompok besar sebesar 90% (sangat baik), serta uji kepraktisan produk sebesar 94% (sangat praktis). Berdasarkan hasil tersebut, dapat disimpulkan bahwa bahan ajar digital berbasis *flipbook* materi bola kecil (permainan bulutangkis teknik dasar *servis*, pukulan *forehand* dan *backhand*) sangat layak dan praktis digunakan sebagai bahan ajar. Disarankan kepada pendidik, peserta didik, dan peneliti lain untuk mengimplementasikan bahan ajar ini dalam kegiatan pembelajaran.

Kata Kunci: Pengembangan, *Flipbook*, ADDIE, Bulutangkis

Development of Flipbook-Based Digital Teaching Materials on Small Ball Sports (Badminton: Basic Serving Techniques, Forehand and Backhand Strokes) for Grade 10 Students at State High School 1 Pupuan

By

I Made Braja Mandala Bumi D., NIM 2116011001

Physical Education, Health, and Recreation Study Program

ABSTRACT

This research is about developing digital teaching materials based on flipbooks for small ball sports (badminton techniques for forehand and backhand serves) for Grade 10 students at Pupuan 1 Public High School. The objective of this research is to find out the responses of experts and students to the developed products through individual, small group, and large group trials, as well as practical tests of the developed teaching materials. The development model used is ADDIE (Analyze, Design, Development, Implementation, and Evaluation). Data collection methods include interviews and questionnaires. Data analysis techniques used qualitative and quantitative descriptive analysis. The results of the research showed that: (1) The development design used the ADDIE development model. (2) The results of validation by content experts obtained a score of 88% (highly valid), learning design experts obtained a score of 96% (highly valid), and learning media experts obtained a score of 97% (highly valid). (3) The individual trial results obtained a score of 93% (very good), the small group trial obtained a score of 90% (very good), the large group trial obtained a score of 90% (very good), and the product practicality test obtained a score of 94% (very practical). Based on these results, it can be concluded that the flipbook-based digital teaching material on small ball (badminton basic techniques of serving, forehand and backhand strokes) is very feasible and practical to use as teaching material. It is recommended that educators, students, and other researchers implement this teaching material in learning activities.

Keywords: Development, Flipbook, ADDIE, Badminton