

ABSTRACT

Rindi, 2024, *Design and Creation of a Web-Based Examination Application for Class IX Indonesian Language Subjects at SMPN 04 Sutera for the 2023/2024 Academic Year, Bachelor of Education in Informatics Engineering, Faculty of Teacher Training and Education, Putra Indonesia University "YPTK" Padang.*

This research aims to determine the validity, practicality and effectiveness of web-based exam applications in Indonesian Language Subjects. This research uses research and development methods (Research & Development). The subjects of this research were 6 teachers. The development model used is the ADDIE model (Analyze, Design, Development, Implementation, Evaluation). The system approach model includes three stages, namely: Analyze, Design, Development, Implementation, Evaluation. The results of the validity test by experts, the overall research on the web-based exam application in the Indonesian Language Subject Class IX.3 SMPN 04 Sutera is valid to use because research tests have been carried out by three validators with the average result in the validator testing being 83.96% so the level of validity can be interpreted as valid. The overall research results of the practicality test assessment of web-based exam applications in Indonesian language subjects were 83.44% so that the level of practicality can be interpreted as practically used and the overall research results of the effectiveness test assessment of web-based exam applications in Indonesian language subjects were 83.00% so the level of effectiveness can be interpreted as very good for use. In conclusion, based on expert assessments and input, as well as the results of field trials, the web-based exam application is proven to be valid, practical and good for use in the Indonesian language learning process for class IX SMPN 04 Sutera.

Keywords: Exam Application, Web, Indonesian

ABSTRAK

Rindi, 2024, Perancangan dan Pembuatan Aplikasi Ujian Berbasis Web Pada Mata Pelajaran Bahasa Indonesia Kelas IX SMPN 04 Sutera Tahun Pelajaran 2023/2024, Serjana Pendidikan Teknik Informatika Fakultas Keguruan dan Ilmu Pendidikan Universitas Putra Indonesia “YPTK” Padang.

Penelitian ini bertujuan untuk mengetahui validitas, praktikalitas, dan efektivitas aplikasi ujian berbasis *web* pada mata Pelajaran Bahasa Indonesia, Penelitian ini menggunakan metode penelitian pengembangan (*Research & Development*). Subjek penelitian ini berjumlah 32 orang. Model pengembangan yang digunakan adalah model ADDIE (*Analyze, Design, Development, Implementition, Evaluation*). Dengan model pendekatan sistem meliputi tiga tahapan, yakni: menganalisa (*Analyze*), Desain (*Design*), Perkembangan (*Development*), implementasi (*implementition*), evaluasi (*Evaluation*). Hasil uji validitas oleh ahli, penelitian secara keseluruhan terhadap aplikasi ujian berbasis *web* pada Mata Pelajaran Bahasa Indonesia Kelas IX.3 SMPN 04 Sutera valid digunakan karena sudah dilakukan uji penelitian tiga orang validator dengan hasil rata-rata pada pengujian validator yaitu 83,96% sehingga tingkat kevalidtan dapat diinterpretasikan valid. Hasil penelitian secara keseluruhan penilaian uji kepraktisan terhadap aplikasi ujian berbasis *web* pada mata pelajaran Bahasa Indonesia sebesar 83,44% sehingga tingkat kepraktisan dapat diinterpretasikan praktis digunakan dan hasil penelitian secara keseluruhan penilaian uji keefektifan terhadap aplikasi ujian berbasis *web* pada mata pelajaran Bahasa Indonesia sebesar 83,00% sehingga tingkat keefektifan dapat diinterpretasikan sangat baik digunakan. Kesimpulannya, berdasarkan penilaian dan masukan para ahli, serta hasil uji coba lapangan, aplikasi ujian berbasis *web* terbukti valid, praktis, dan baik untuk digunakan dalam proses pembelajaran Bahasa Indonesia kelas IX SMPN 04 Sutera.

Kata Kunci : Aplikasi Ujian, *Web*, Bahasa Indonesia