PENGEMBANGAN APLIKASI KODI PADA TOPIK CUACA DAN IKLIM DI INDONESIA KELAS V SEKOLAH DASAR

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ABSTRAK

Penelitian ini bertujuan untuk mengembangkan aplikasi KODI pada topik cuaca dan iklim di Indonesia kelas V Sekolah Dasar. Model pengembangan yang digunakan dalam penelitian ini yaitu ADDIE, yang terdiri atas lima fase, yaitu analisis, desain, pengembangan, implementasi dan evaluasi. Subjek penelitian ini adalah aplikasi KODI pada topik cuaca dan iklim di Indonesia kelas V SD. Objek penelitian ini adalah kelayakan isi aplikasi KODI pada topik cuaca dan iklim di Indonesia kelas V SD ditinjau dari validasi isi, respon praktisi dan respon siswa. Pengumpulan data pada penelitian ini menggunakan metode observasi, kuesioner/angket, studi dokumen, wawancara, dan rating scale. Metode observasi dan wawancara dilakukan analisis kebutuhan. Metode kuesioner dilakukan untuk analisis kebutuhan untuk memeroleh respon praktisi dan siswa terhadap media yang dikembangkan. Studi dokumen dilakukan untuk analisis kebutuhan. Metode *rating scale* digunakan untuk mengetahui validitas isi media yang dikembangkan. Data validasi isi yang diperoleh kemudian dianalisis dengan menggunakan rumus Indeks validasi Aiken untuk mengetahui rata-rata validasi aplikasi KODI. Hasil penilaian validasi isi diperoleh dari perhitungan indeks validasi Aiken adalah 0,75-1 dengan kategori validasi sedang hingga tinggi. Berdasarkan perhitungan persentase, aplikasi KODI mendapat persentase respon dari guru yaitu 90,4%, dengan kualifikasi kategori sangat baik. Berdasarkan perhitungan persentase, aplikasi KODI mendapat persentase respon dari siswa yaitu 96%, dengan kualifikasi kategori sangat baik.

Kata kunci: aplikasi KODI, cuaca dan iklim di Indonesia, ADDIE.

***"KODI" Application of Offline Learning Media for Weather and Climate
Topics in Indonesia***

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ABSTRACT

The lack of availability of learning media that teachers can use in online learning causes teachers to rarely use learning media in online learning, making it difficult for students to understand learning materials. This study aims to develop the KODI application on the topic of weather and climate in Indonesia for fifth grade elementary school. This research is a type of development research that uses the development model used in this study, namely ADDIE. The subjects of this research are 4 experts, the four people consist of 2 content experts and 2 media experts, 2 teachers as practitioners, and 5 students. Data collection in this study used the instrument of observation sheets, questionnaires/questionnaires, document study sheets, interview guidelines, and rating scales. Observation, distributing questionnaires, and interviews are methods used for needs analysis. Questionnaires were given to analyze needs and obtain responses from practitioners and students to the developed media. The rating scale is used to generate data on the validity of the content of the developed media. The content validation data obtained were then analyzed using the Aiken Validity Index formula. From the calculation of the Aiken Validity Index it is 0.75-1, with a moderate to high validation category. Based on the calculation of the percentage of responses, the KODI application got the percentage of the teacher's response was 90.4% and the student response was 96%. Qualification of the response is in the very good category. The digital comics application (KODI) is declared valid and suitable for use in the learning process, especially on weather and climate topic materials in Indonesia so that it can provide students with new learning experiences and not get bored while participating in learning because digital comics are prepared using animations that can attract students' interest.

Keywords: *KODI application, online learning media, online learning*