

ABSTRAK

LA ODE SARDIN. NIM. 16010110022. Pengembangan Media Pembelajaran Matematika Berbasis *Hypermedia* pada Materi Perbandingan di Kelas VII MTs Raudhatul Jannah. Dibimbing oleh: Ir. Hj. Ety Nur Inah, M.Si

Penelitian pengembangan media pembelajaran *hypermedia* ini dilatar belakangi oleh kurangnya pemanfaatan teknologi komputer untuk menunjang proses pembelajaran matematika siswa kelas VII MTs Raudhatul Jannah. Penelitian ini bertujuan untuk mengembangkan media pembelajaran matematika yang layak, efektif, dan praktis digunakan. Metode penelitian yang digunakan adalah *development research* (R&D) dengan menggunakan model ADDIE. Tahap penelitian terdiri dari lima tahap yaitu tahap analisis, desain, pengembangan, implementasi, dan evaluasi. Subjek dalam penelitian ini adalah siswa kelas VII MTs Raudhatul Jannah yang berjumlah 15 siswa. Sampel ditentukan secara *purposive*. *Purposive* adalah penentuan sampel dengan pertimbangan tertentu. Instrumen yang digunakan berupa tes kognitif, dan non tes (angket dan wawancara). Instrumen tes kognitif diberikan kepada 15 siswa berbentuk soal pilihan ganda sebanyak 10 butir soal, sedangkan angket penilaian diberikan kepada enam orang ahli, satu guru matematika dan 15 siswa, dan wawancara dilakukan dengan satu orang guru matematika dan 15 orang siswa. Hasil penelitian menunjukkan bahwa media pembelajaran *hypermedia* yang dihasilkan dinyatakan layak (86%) berdasarkan penilaian enam orang ahli, efektif (73%) berdasarkan data ketuntasan hasil belajar siswa secara klasikal, dan praktis (82%) berdasarkan penilaian respon guru dan siswa.

Kata kunci: media pembelajaran *hypermedia*; hasil belajar matematika; ADDIE.

ABSTRACT

LA ODE SARDIN. NIM 16010110022. Development of Hypermedia-Based Mathematics Learning Media on Proportion Matter in 7th grade student of Raudhatul Jannah Middle School. Supervised by: Ir. Hj. Ety Nur Inah, M.Sc

Research on the development of hypermedia learning media is motivated by the lack of use of computer technology to support the mathematics learning process of 7th grade student of Raudhatul Jannah Middle School. This research aims to develop mathematics learning media that is valid, effective and practical in use. The research method used is development research (R&D) using the ADDIE model. The research phase consisted of five stages, namely the analysis, design, development, implementation, and evaluation stages. The subjects in this study were 7th grade student of Raudhatul Jannah Middle School totaling 15 students. The sample is determined purposively. Purposive is determining the sample with certain considerations. The instruments used in the form of cognitive tests, and non-tests (questionnaire and interview). Cognitive test instruments were given to 15 students in the form of multiple choice questions totaling 10 items, while the assessment questionnaire was given to six experts, one math teacher and 15 students, and interviews were conducted with one math teacher and 15 students. The results showed that the hypermedia learning media produced was declared valid (86%) based on an assessment of six experts, effective (73%) based on completeness data of student learning outcomes classically, and practically (82%) based on teacher and student response assessments.

Keywords: hypermedia learning media; mathematics learning outcomes; ADDIE

