

ABSTRAK

Abstrak: Penelitian ini dilatarbelakangi oleh rendahnya minat belajar dan kesulitan siswa kelas V SDN Kemayoran 2 Kabupaten Bangkalan dalam memahami konsep abstrak pada materi Bab II "Harmoni dan Ekosistem". Penggunaan media pembelajaran konvensional dinilai kurang efektif dalam memvisualisasikan interaksi makhluk hidup. Penelitian ini bertujuan untuk mengembangkan, menguji kelayakan, dan mengetahui efektivitas aplikasi game edukasi berbasis Android sebagai media pembelajaran alternatif yang interaktif.

Metode penelitian yang digunakan adalah Research and Development (R&D) dengan model pengembangan ADDIE (Analysis, Design, Development, Implementation, Evaluation). Subjek penelitian ini melibatkan ahli materi, ahli media, serta siswa kelas V SDN Kemayoran 2 sebagai subjek uji coba. Teknik pengumpulan data dilakukan melalui observasi, wawancara, angket validasi, dan tes hasil belajar (pre-test dan post-test).

Kata Kunci: Game Edukasi, Android, Ekosistem, Sekolah Dasar, ADDIE.

ABSTRACT

Abstract :This research is motivated by the low interest in learning and the difficulties faced by fifth-grade students at SDN Kemayoran 2, Bangkalan Regency, in understanding abstract concepts within Chapter II, "Harmony and Ecosystems." The use of conventional learning media is considered less effective in visualizing the interactions between living things. This study aims to develop, test the feasibility of, and determine the effectiveness of an Android-based educational game application as an interactive alternative learning medium. The research method employed is Research and Development (R&D) using the ADDIE development model (Analysis, Design, Development, Implementation, Evaluation). The research subjects involve material experts, media experts, and fifth-grade students of SDN Kemayoran 2 as the trial subjects. Data collection techniques were conducted through observation, interviews, validation questionnaires, and learning outcomes tests (pre-test and post-test).

Keywords: Educational Game, Android, Ecosystem, Elementary School, ADDIE.