

ABSTRAK

Natasya, Tia. 2026. *Pengembangan E-Booklet Terintegrasi Quizizz Tentang Sistem Peredaran Darah Manusia Untuk Siswa Kelas VIII*. Skripsi. Tanjungpinang. Program Studi Pendidikan Biologi, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan. Universitas Maritim Raja Ali Haji. Pembimbing I: Adam Fernando, S.Pd., M.Pd. Pembimbing II: M. Pemberdi Intasir, M.Pd.

Kata kunci: E-Booklet, Quizizz, Sistem Peredaran Darah

Penelitian ini bertujuan untuk menghasilkan *e-booklet* terintegrasi Quizizz tentang sistem peredaran darah manusia untuk siswa kelas VIII yang valid. Metode penelitian menggunakan tiga dari empat tahap model pengembangan 4D (*Define, Design, Develop, Disseminate*), namun dibatasi hanya sampai tahap *Develop*. Teknik pengumpulan data dilakukan melalui wawancara dan observasi. Analisis data yang digunakan meliputi analisis kuantitatif berupa perhitungan skor persentase serta analisis kualitatif berupa saran dan komentar dari validator. Tahap *define* mencakup analisis kurikulum, analisis kebutuhan, analisis karakteristik peserta didik, dan analisis materi. Hasil analisis menunjukkan bahwa peserta didik memerlukan media pembelajaran digital yang menarik, interaktif, mudah diakses, serta sesuai dengan tuntutan Kurikulum Merdeka. Tahap *design* menghasilkan rancangan *e-booklet* berformat A5 dengan desain menggunakan Canva. Berdasarkan hasil penelitian yang diperoleh, maka dapat disimpulkan bahwa *e-booklet* terintegrasi Quizizz layak digunakan sebagai media pembelajaran. Media ini memenuhi kriteria sangat valid dan berpotensi mendukung pembelajaran IPA.

ABSTRACT

Natasya, Tia. 2026. *Development of Integrated Quizizz E-Booklet About Human Circulatory System for Grade VIII Students*. Thesis. Tanjungpinang. Biology Education Study Program, Department of Mathematics and Natural Sciences Education, Faculty of Teacher Training and Education. Raja Ali Haji Maritime University. Advisor: Adam Fernando, S.Pd., M.Pd. Co-Advisor: M. Pemberdi Intasir, M.Pd.

Keywords: E-Booklet, Quizizz, Circulatory System

This study aimed to produce a Quizizz-integrated e-booklet on the human circulatory system for eighth-grade students that was valid. The research method employed three of the four stages of the 4D development model (Define, Design, Develop, Disseminate), but was limited only to the develop stage. Data collection techniques were carried out through interviews and observations. The data analysis used included quantitative analysis in the form of percentage score calculations and qualitative analysis in the form of suggestions and comments from validators. The define stage included curriculum analysis, needs analysis, student characteristics analysis, and material analysis. The results of the analysis showed that students needed digital learning media that was engaging, interactive, easily accessible, and in line with the demands of the Merdeka Curriculum. The design stage produced an A5-format e-booklet design created using Canva. Based on the research results obtained, it was concluded that the Quizizz-integrated e-booklet was feasible to be used as a learning medium. This medium met the criteria of being highly valid and had the potential to support science learning.