ABSTRAK

Hanin Fathimah Sholihah: Pengembangan Media Pembelajaran Berbasis *Flipbook* Digital Pada Materi Sistem Peredaran Darah

Penelitian ini bertujuan untuk mendeskripsikan karakteristik media pembelajaran *flipbook* pada materi sistem peredaran darah, mendeskripsikan tahap-tahap pengembangan media pembelajaran *flipbook*, untuk menganalisis validitas media, keterbacaan media, dan respon peserta didik terhadap media pembelajaran *flipbook*. Penelitian ini menggunakan metode R&D (*Research and Development*) dengan model 3D (*Define, Design, Develop*). Uji keterbacaan dilakukan terhadap 16 orang peserta didik kelas XI MIPA di MA Yayasan Islam Rajamandala. Pengumpulan data menggunakan wawancara, lembar validasi ahli, angket uji keterbacaan, dan angket respon peserta didik. Teknik analisis data yang digunakan adalah analisis deskriptif dan perhitungan persentase hasil validasi, uji keterbacaan dan respon peserta didik. Hasil penelitian menunjukkan bahwa validitas media secara keseluruhan sebesar 88% dengan kategori sangat layak berdasarkan validasi oleh ahli materi, ahli media, dan guru mata pelajaran biologi. Hasil keterbacaan peserta didik terhadap media berbasis *flipbook* sebesar 4,61 dengan kategori sangat terbaca dan respon peserta didik sebesar 86,65% dengan kategori sangat baik. Berdasarkan hasil penelitian, maka dapat disimpulkan bahwa media pembelajaran berbasis *flipbook* pada materi sistem peredaran darah sangat layak dan dapat digunakan dalam pembelajaran materi sistem peredaran darah.

Kata Kunci : pengembangan, R&D, media, *flipbook*, sistem peredaran darah

ABSTRACT

Hanin Fathimah Sholihah: *Development of Digital Flipbook-Based Learning Media on Circulatory System Materials*

This study aims to describe the characteristics of flipbook learning media on the circulatory system material, describe the stages of developing flipbook learning media, to analyze media validity, media readability, and student responses to flipbook learning media. This study uses the R&D (Research and Development) method with a 3D model (Define, Design, Develop). The readability test was conducted on 16 students of class XI MIPA at the MA Rajamandala Islamic Foundation. Collecting data using interviews, expert validation sheets, readability test questionnaires, and student response questionnaires. The data analysis technique used is descriptive analysis and calculation of the percentage of validation results, readability tests and student responses. The results showed that the overall media validity was 88% with a very feasible category based on validation by material experts, media experts, and biology subject teachers. The result of the students' readability of flipbook-based media was 4.61 in the very readable category and the student response was 86.65% in the very good category. Based on the results of the study, it can be concluded that flipbook-based learning media on the material of the circulatory system is very feasible and can be used in learning the material of the circulatory system.

Keywords: development, R&D, media, flipbook, circulatory system