ABSTRAK

Davista Daniella Kenda Varicho Firsty. 2026. *Pengembangan Media Pembelajaran Diorama Digital Berbasis Assemblr Edu dalam Menunjang Hasil Belajar IPAS*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas PGRI Madiun. Pembimbing (I) Dr. Raras Setyo Retno, M.Pd., (II) Tiara Intan Cahyaningtyas, S.Si., M.Pd.

Penelitian ini bertujuan untuk mengembangkan media Diorama Digital berbasis *Assemblr Edu* dan mengetahui tingkat kelayakannya sebagai media pembelajaran IPAS bagi siswa kelas IV SDN Jiwan 02. Penelitian ini menggunakan metode *Research and Development* (R&D) dengan model ADDIE yang meliputi tahap *Analysis, Design, Development, Implementation, dan Evaluation*. Subjek penelitian terdiri atas 11 siswa kelas IV SDN Jiwan 02. Teknik pengumpulan data dilakukan melalui observasi, wawancara, dan angket. Data penelitian diperoleh dari validasi ahli materi, ahli media, ahli bahasa, serta respons guru dan siswa, kemudian dianalisis menggunakan teknik deskriptif kuantitatif berupa persentase. Hasil penelitian menunjukkan bahwa media Diorama Digital berbasis *Assemblr Edu* memperoleh persentase kelayakan sebesar 95,83% dari ahli materi dengan kategori sangat layak, 78,85% dari ahli media dengan kategori layak, dan 88,46% dari ahli bahasa dengan kategori sangat layak. Respons siswa memperoleh persentase sebesar 90,60% dan respons guru sebesar 87,50%, keduanya berada pada kategori sangat layak. Secara keseluruhan, media memperoleh rata-rata persentase kelayakan sebesar 88,25% dengan kategori sangat layak. Dengan demikian, media Diorama Digital berbasis *Assemblr Edu* dinyatakan sangat layak digunakan sebagai media pembelajaran IPAS pada materi Sistem Tata Surya untuk siswa sekolah dasar.

Kata kunci: Diorama Digital, *Assemblr Edu*, Media Pembelajaran, IPAS, Sistem Tata Surya.

ABSTRACT

Davista Daniella Kenda Varicho Firsty. 2026. *Development of Assemblr Edu-Based Digital Diorama Learning Media to Support Learning Outcomes in Integrated Science, Technology, and Mathematics (IPAS)*. *Thesis. Elementary School Teacher Education Program, Faculty of Teacher Training and Education, PGRI University of Madiun. Advisors:* (I) Dr. Raras Setyo Retno, M.Pd., (II) Tiara Intan Cahyaningtyas, S.Si., M.Pd.

This study aims to develop a Digital Diorama based on Assemblr Edu and to determine its suitability as a science learning medium for fourth-grade students at SDN Jiwan 02. This study employs the Research and Development (R&D) method using the ADDIE model, which includes the stages of Analysis, Design, Development, Implementation, and Evaluation. The research subjects consisted of 11 fourth-grade students at SDN Jiwan 02. Data collection techniques included observation, interviews, and questionnaires. Research data were obtained through validation by subject matter experts, media experts, and language experts, as well as feedback from teachers and students, and were then analyzed using quantitative descriptive techniques in the form of percentages. The results showed that the Assemblr Edu-based Digital Diorama media received a feasibility percentage of 95.83% from subject matter experts (rated "highly feasible"), 78.85% from media experts (rated "feasible"), and 88.46% from language experts (rated "highly feasible"). Student feedback yielded a percentage of 90.60%, and teacher feedback yielded 87.50%, both falling into the "highly feasible" category. Overall, the teaching material received an average suitability rating of 88.25%, classified as "highly suitable." Thus, the Assemblr Edu-based Digital Diorama is deemed highly suitable for use as a teaching tool in science education on the topic of the Solar System for elementary school students.

Keywords: Digital Diorama, Assemblr Edu, Educational Media, IPAS, Solar System.