

ABSTRAK

Fauziyah Hasna Saputri. 2026. *Pengembangan Modul Ekosistem Berbasis Project Based Learning Menggunakan Platform Edcafe AI Pada Siswa Kelas III SD. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, FKIP, Universitas PGRI Madiun. Pembimbing (I) Dr. Ivayuni Listiani, M.Pd., (II) Naniek Kusumawati, S.Pd., M.Pd.*

Perkembangan teknologi informasi dan komunikasi mendorong dunia pendidikan untuk menghadirkan pembelajaran yang lebih inovatif, interaktif, dan berpusat pada siswa. Namun, pembelajaran IPAS di sekolah dasar masih didominasi penggunaan bahan ajar cetak dan metode ceramah sehingga siswa kurang aktif dalam proses pembelajaran. Penelitian ini bertujuan untuk mengembangkan Modul Ekosistem berbasis *Project Based Learning* menggunakan *Platform Edcafe AI* pada mata pelajaran IPAS kelas III Sekolah Dasar. Jenis penelitian ini tergolong penelitian pengembangan atau *Research and Development (R&D)*. Model ADDIE dipilih sebagai model yang digunakan dalam penelitian ini. Metode observasi, wawancara, angket, dan dokumentasi digunakan untuk pengumpulan data dalam penelitian ini. Teknik kuantitatif dan kualitatif digunakan sebagai teknik analisis data. Berdasarkan hasil validasi ahli materi, ahli media, dan ahli bahasa, Modul Ekosistem berbasis *Project Based Learning* menggunakan *Platform Edcafe AI* memperoleh persentase sebesar 93% dengan kategori sangat layak. Hasil respon pengguna, yaitu respon guru dan siswa, memperoleh rata-rata persentase sebesar 89% dengan kategori sangat layak. Jadi, dapat disimpulkan bahwa Modul Ekosistem berbasis *Project Based Learning* menggunakan *Platform Edcafe AI* layak digunakan sebagai sumber belajar pada materi hubungan makhluk hidup dengan lingkungannya untuk siswa kelas III Sekolah Dasar.

Kata Kunci: Modul Ekosistem, *Project Based Learning*, *Platform Edcafe AI*, IPAS, Sekolah Dasar.

ABSTRACT

Fauziyah Hasna Saputri. 2026. Development of an Ecosystem Module Based on Project Based Learning Using the Edcafe AI Platform for Third-Grade Elementary School Students. Thesis. Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Universitas PGRI Madiun. Advisors: (I) Dr. Ivayuni Listiani, M.Pd., (II) Naniek Kusumawati, S.Pd., M.Pd.

The development of information and communication technology has encouraged the field of education to provide more innovative, interactive, and student-centered learning. However, science and social studies (IPAS) learning in elementary schools is still dominated by the use of printed teaching materials and lecture methods, resulting in students being less active during the learning process. This study aimed to develop an Ecosystem Module based on Project Based Learning (PjBL) using the Edcafe AI Platform for third-grade elementary school students in the IPAS subject. This study employed a Research and Development (R&D) approach. The ADDIE model was selected as the development model used in this study. Observation, interviews, questionnaires, and documentation were used as data collection methods. Quantitative and qualitative techniques were employed for data analysis. Based on the validation results from material experts, media experts, and language experts, the Ecosystem Module based on Project Based Learning using the Edcafe AI Platform obtained a validity percentage of 93%, which was categorized as very feasible. The user responses, consisting of teacher and student responses, obtained an average percentage of 89%, which was also categorized as very feasible. Therefore, it can be concluded that the Ecosystem Module based on Project Based Learning using the Edcafe AI Platform is feasible to be used as a learning resource for the topic of the relationship between living things and their environment for third-grade elementary school students.

Keywords: *Ecosystem Module, Project Based Learning, Edcafe AI Platform, IPAS, Elementary School.*