

ABSTRAK

Rukia Kumala Sari Siregar. Pengembangan E-Modul *Flipbook* Berbasis *Problem Based Learning* Di Kelas XI IPS SMAN 1 Babalan. Tesis. Pasca Sarjana, Program Studi Teknologi Pendidikan, Universitas Negeri Medan. 2025

Penelitian ini bertujuan untuk mengembangkan e-modul *Flipbook* berbasis *Problem Based Learning* (PBL) guna meningkatkan hasil belajar siswa pada mata pelajaran Ekonomi, khususnya materi Kebijakan Moneter dan Fiskal di kelas XI IPS SMAN 1 Babalan. Latar belakang penelitian ini adalah perlunya bahan ajar digital yang inovatif dan sesuai dengan kebutuhan pembelajaran abad 21, terutama untuk memfasilitasi pembelajaran berbasis masalah yang berpusat pada siswa. Metode yang digunakan adalah *Research and Development (R&D)* dengan model pengembangan ADDIE, yang meliputi lima tahap: *Analyze, Design, Development, Implementation, dan Evaluation*. E-Modul dikembangkan menggunakan platform *Flipbook* dan divalidasi oleh ahli materi, ahli desain, dan praktisi guru, dengan hasil validasi berturut-turut sebesar 93,8%, 89,3%, dan 91,6% yang dikategorikan sangat layak. Uji coba terbatas dilakukan kepada 6 siswa dan uji lapangan kepada 30 siswa. Hasil belajar dianalisis menggunakan uji-t. Hasil menunjukkan adanya peningkatan hasil belajar siswa dari rata-rata pretest 51,92 ke posttest 84,23. Uji-t menghasilkan nilai thitung 9,092 > ttabel 2,00 dengan signifikansi 0,000 < 0,05. Dengan demikian, E-modul *Flipbook* berbasis *Problem Based Learning* ini efektif digunakan dalam pembelajaran Ekonomi dan dapat meningkatkan hasil belajar siswa. Produk ini diharapkan menjadi solusi inovatif bagi guru dalam mengembangkan bahan ajar digital yang kontekstual dan menarik.

Kata Kunci: E-Modul, Flipbook, Problem Based Learning, hasil belajar, kebijakan moneter, kebijakan fiskal.

ABSTRACT

Rukia Kumala Sari Siregar. Development of Flipbook E-Module Based on Problem Based Learning in Class XI IPS SMAN 1 Babalan. Thesis. Postgraduate, Educational Technology Study Program, State University of Medan. 2025.

This study aims to develop a Flipbook-based e-module using the Problem Based Learning (PBL) model to improve student learning outcomes in Economics, specifically in the topic of Monetary and Fiscal Policy for grade XI IPS students at SMAN 1 Babalan. The research was motivated by the need for innovative and contextual digital teaching materials that support 21st-century learning, particularly student-centered and problem-oriented instruction. The method used is *Research and Development (R&D)* with the ADDIE model, which consists of five stages: Analyze, Design, Development, Implementation, and Evaluation. The Flipbook-based E-module was validated by content experts, design experts, and practicing teachers, with validation results of 93.8%, 89.3%, and 91.6%, respectively, indicating the product is highly feasible. Limited trials were conducted with 6 students and field trials with 30 students. Learning outcomes were analyzed using a t-test. The results showed an increase in students' average scores from a pretest of 51.92 to a posttest of 84.23. The t-test value was $t_{count} = 9.092 > t_{table} = 2.00$ with a significance level of $0.000 < 0.05$. Thus, the Flipbook-based e-module using the Problem Based Learning model is effective in improving students' learning outcomes in Economics. This product is expected to serve as an innovative digital learning tool that is both contextual and engaging for students.

Keywords: E-Module, Flipbook, Problem Based Learning, learning outcomes, monetary policy, fiscal policy.