

## ABSTRAK

**Lily Andriyani Nasution, NIM 8206122013. Mengembangkan Bahan Ajar Digital Berbasis *Project Based Learning* Pada Mata Pelajaran Sejarah Subtema Pendudukan Jepang di Indonesia di MAN 2 Model Medan. Tesis Program Studi Teknologi Pendidikan Pascasarjana. Universitas Negeri Medan. 2023**

Penelitian ini bertujuan untuk: 1) Mengetahui proses pembelajaran menggunakan bahan ajar digital sejarah berbasis *Project Based Learning* di MAN 2 MODEL MEDAN, 2) Mengetahui kelayakan bahan ajar digital berbasis *Project Based Learning* pada website yang diberikan kepada siswa dengan sub tema Pendudukan Jepang di Indonesia dan Masa Kemerdekaan Republik Indonesia di MAN 2 MODEL MEDAN. Penelitian ini termasuk penelitian pengembangan (R&D). Prosedur pengembangan mengacu pada model pengembangan Borg and Gall dalam (Sugiono 2014). Metode penelitian ini terdiri dari dua tahap yaitu tahap I mengembangkan bahan ajar digital dan tahap II melakukan uji efektifitas produk. Subjek uji coba adalah peserta didik kelas XI MAN 2 Model Medan. Dengan jumlah 33 siswa, metode pengumpulan data adalah wawancara dan instrumen. Penelitian adalah pedoman wawancara, kuesioner lembar validasi ahli media, ahli materi, kuesioner respons peserta didik dan tes hasil belajar. Hasil penelitian menunjukkan bahwa produk bahan ajar yang dikembangkan sudah sangat layak melalui beberapa tahapan revisi/perbaikan. Presentase nilai yang diperoleh antara lain: (1) penilaian ahli materi berada pada kriteria sangat layak dengan skor rata-rata 4,38, (2) penilaian ahli media berada pada kriteria layak dengan skor 4,11 dan keefektifan penggunaan bahan ajar digital disimpulkan berdasarkan pada hasil post test siswa pada uji coba presentase ketuntasan klasikal sebesar 85,0% dengan 33 siswa dinyatakan lulus semua. Penilaian hasil belajar siswa berdasarkan pretest dan postes dianalisis dengan menggunakan Uji Validitas dan Uji Reliabilitas diperoleh nilai rata-rata sebesar 8,5 dimana dalam kategori tinggi. Penelitian ini dilakukan di kelas XI IPS MAN 2 MODEL MEDAN TA. 2022/2023 semester genap berjumlah 33 siswa. Dengan demikian bahan ajar digital sejarah yang dikembangkan mampu meningkatkan minat dan aktifitas serta efektif untuk meningkatkan hasil belajar siswa.

Kata Kunci : Bahan Ajar Digital, *Project Based Learning* dan Sejarah

## ABSTRACT

**Lily Andriyani Nasution, NIM 8206122013. Development of Digital Teaching Materials Based on Project Based Learning in History Subjects, the Sub-theme of Japanese Occupation in Indonesia at MAN 2 Model Medan. Postgraduate Educational Technology Study Program Thesis. Medan State University. 2023**

This study aims to: 1) Know the learning process using Project Based Learning digital history teaching materials at MAN 2 MODEL MEDAN, 2) Know the feasibility of Project Based Learning-based digital teaching materials on websites given to students with the sub-theme of the Japanese Occupation in Indonesia and the Future Independence of the Republic of Indonesia in MAN 2 MODEL MEDAN. This research includes development research (R&D). The development procedure refers to the Borg and Gall development model in (Sugiono 2014). This research method consists of two stages, namely stage I developing digital teaching materials and stage II conducting product effectiveness tests. The test subjects were students of class XI. MAN 2 Medan Model. With a total of 33 students, data collection methods are interviews and instruments. Research is an interview guide, questionnaire validation sheets of media experts, material experts, student response questionnaires and learning outcomes tests. The results of the study show that the teaching material products developed are very feasible through several stages of revision/improvement. The percentage of values obtained include: (1) the assessment of material experts is in very appropriate criteria with an average score of 4.38, (2) the assessment of media experts is in feasible criteria with a score of 4.11 and the effectiveness of using digital teaching materials is completed based on on the results of the post test in the trial the percentage of classical completeness students was 82.8% with all 33 students passing. Assessment of student learning outcomes based on pretest and posttest was analyzed using the Validity Test and Reliability Test obtained an average value of 8.5 which is in the high category. This research was conducted in class XI IPS MAN 2 MODEL MEDAN TA. 2022/2023 even semester with a total of 33 students. Thus the history digital teaching materials developed are able to increase interest and activity and are effective in improving student learning outcomes.

**Keywords:** Digital Teaching Materials, Project-Based Learning and History