ABSTRAK

Crisye Efendi Tambunan, NIM 4172131002 (2021). Pengembangan *Website* Berbasis *Problem Based Learning* sebagai Media Pembelajaran untuk Mendukung Pembelajaran *Online* pada Materi Laju Reaksi.

Pada penelitian ini dilakukan pengembangan *website* sebagai media pembelajaran untuk mendukung pembelajaran *online* pada materi laju reaksi Penelitian ini bertujuan untuk mengetahui aspek kelayakan isi, kelayakan bahasa, kelayakan penyajian berdasarkan *problem based learning*, dan kelayakan kegrafikan *website* sebagai media pembelajaran untuk mendukung pembelajaran *online* pada materi laju reaksi yang dikembangkan berdasarkan standar BSNP. Penelitian ini dilaksanakan di Universitas Negeri Medan, SMA Swasta Sultan Iskandar Muda, dan SMA Swasta Katolik Trisakti Medan pada. Pengambilan sampel dilakukan secara *purposive sampling.* Sampel yang ditetapkan pada penelitian ini adalah dosen Kimia Universitas Negeri Medan sebanyak tiga orang, dosen Ilmu Komputer Universitas Negeri Medan sebanyak satu orang, dan guru bidang studi Kimia SMA Swasta Sultan Iskandar Muda, SMA Swasta Katolik Trisakti Medan, dan SMA Negeri 11 Medan masing-masing sebanyak satu orang. Pengembangan media pembelajaran dalam penelitian ini mengacu pada model R&D dengan desain instruksional 3D, yakni pendefinisian *(define),* perancangan *(design)*, dan pengembangan *(devevelope)*. Kelayakan kegrafikan *website* memperoleh nilai rata-rata skor sebesar 3,77 kriteria sangat layak, dan rata-rata skor kelayakan isi sebesar 3,52 kriteria sangat layak, kelayakan bahasa sebesar 3,70 kriteria sangat layak, dan kelayakan penyajian sebesar 3,75 kriteria sangat layak.

Kata Kunci : Media Pembelajaran, *Website*, *Problem Based Learning*, Laju Reaksi, Kelayakan BSNP

ABSTRACT

Crisye Efendi Tambunan, NIM 4172131002 (2021). *Website Based on Problem Based Learning as a Learning Media to Support Online Learning on Reaction Rate.*

In this study, the development of a website as a learning medium to support online learning on reaction rate material This study aims to see the aspects of content feasibility, language feasibility, feasibility of presentation based on problem-based learning, and the feasibility of website graphics as a learning medium to support online learning in reaction rate material developed based on BSNP standards. This research was conducted at the State University of Medan, Sultan Iskandar Muda Private High School, and Trisakti Catholic Private High School, Medan. Sampling was done by purposive sampling. The samples determined in this study were three lecturers of Chemistry at the State University of Medan, one lecturer in Computer Science at the State University of Medan, and one teacher in the subject of Chemistry at the Sultan Iskandar Muda Senior High School Medan, Catholic Trisakti Senior High School Medan, and Senior High School 11 Medan. The development of instructional media in this study refers to the R&D model with 3D instructional design, namely defining, designing, and developing. The graphic feasibility of the website obtained an average score of 3.77, the criteria are very feasible, and the average content feasibility score is 3.52 the criteria are very feasible, the language feasibility is 3.70, the criteria are very feasible, and the presentation feasibility is 3.75, very feasible criteria.

Keywords: Learning Media, Website, Problem Based Learning, Reaction Rate, Eligibility of BSNP