

ABSTRAK

Marsanda Triandini, NIM 4201141014 (2024). Pengembangan Media Pembelajaran *E-comic* yang Dilengkapi Dengan Video Faktual pada Mata Kuliah Kultur Jaringan

Komik Elektronik (*E-comic*) adalah salah satu perangkat pembelajaran elektronik untuk membantu dan mempermudah dalam kegiatan belajar mengajar sehingga terbentuk interaktif antara Mahasiswa dengan Dosen dan dapat meningkatkan hasil belajar siswa. Penelitian ini bertujuan untuk mengetahui kelayakan *E-comic*, respon Mahasiswa terhadap *E-comic*. Penelitian ini dilakukan di Universitas Negeri Medan di Jalan William Iskandar Ps. V, Kenangan Baru, Kec. Percut Sei Tuan, Kabupaten Deli Serdang, Sumatera Utara. Pelaksanaan penelitian ini dilakukan pada bulan Juni-Agustus 2024. Model pengembangan pada *E-comic* ini model ADDIE yang meliputi tahapan Analyze (Analisis), Design (Perancangan), Development (Pengembangan), Implementation (Implementasi), dan Evaluation (Evaluasi). Instrumen dalam penelitian ini yaitu; Lembar Angket penilaian oleh ahli materi, ahli dan ahli media; Lembar Angket respon Mahasiswa. Hasil penelitian menunjukkan komik Elektronik (*E-comic*) Pada Materi Perbanyakkan tanaman dengan teknik in-vitro yang dikembangkan dikategorikan sangat layak menurut ahli materi dan ahli media. Respon Mahasiswa terhadap *E-comic* pada materi perbanyakkan tanaman dengan teknik in-vitro dikategorikan cukup layak.

Kata kunci : *Komic Elektronik (E-comic), Perbanyakkan Tanaman dengan Teknik In-vitro, ADDIE.*

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ABSTRACT

Marsanda Triandini, NIM 4201141014 (2024). Development of E-comic Learning Media Equipped with Factual Videos in Tissue Culture Subjects

Electronic Comic (*E-comic*) is one of the electronic learning tools to help and facilitate teaching and learning activities so that interactive formation between students and lecturers and can improve student learning outcomes. This study aims to determine the feasibility of *E-comic*, student response to *E-comic*. This research was conducted at Medan State University on Jalan William Iskandar Ps. V Kenangan Baru, Kec. Percut Sei Tuan, Deli Serdang Regency, North Sumatra. The implementation of this research was carried out in June-August 2024. The development model in this E-comic is the ADDIE model which includes the stages of Analyze, Design, Development, Implementation, and Evaluation. The instruments in this study are, Questionnaire sheet for assessment by material experts, experts and media experts, Student response questionnaire sheet. The results showed that the Electronic comic (*E-comic*) on plant propagation material with in-vitro techniques developed was categorized as very feasible according to material experts and media experts. Student response to *E-comic* on plant propagation material with in-vitro techniques was categorized as quite feasible.

Keyword: Electronic comic (E-comic), Plant Propagation with In-vitro Techniques

