**ABSTRAK**

Nirsal. *Pengembangan Pembelajaran ICT Berbasis E-Learning pada Mata Kuliah Algoritma dan Pemrograman Terstruktur Universitas Cokroaminoto Palopo* (dibimbing oleh Husain Syam dan Abdul Muis Mappalotteng).

Penelitian ini bertujuan untuk mengetahui proses pengembangan pembelajaran *ICT* yang menghasilkan produk media *e-learning* menggunakan *Moodle .* Penelitian ini merupakan penelitian pengembangan yang difokuskan untuk mengembangkan media *e-learning.* Model pengembangan yang digunakan dalam penelitian ini mengacu pada model pengembanganBorg and Gall yang dilakukan dengan beberapa tahap yakni (1) *research and information collecting,* (2) *planning,* (3) *develop preliminary form of product,* (4) *preliminary field testing,* (5) *main product revision* (6) *main field testing,* dan (7) *operasional product revision*. Media *e-learning* yang telah dikembangkan, telah divalidasi oleh dua orang ahli dengan mengalami revisi sehingga didapatkan hasil yang layak digunakan. Uji coba dilakukan sebanyak tiga kali yakni uji coba satu-satu melibatkan 3 subjek coba, uji coba kelompok kecil melibatkan 7 orang subjek coba dan uji coba lapangan 33 subjek coba. Hasil penelitian menunjukkan bahwa media *e-learning* yang dikembangkan setelah dilakukan validasi maka media tersebut dinyatakan valid. Media *e-learning* dikatakan prakti*s* karena seluruh aspek dalam pembelajaran berada pada kategori terlaksana seluruhnya. Media *e-learning* dikatakan efektif karena telah memenuhi kriteria keefektifan, dengan hasil: (1) memenuhi syarat kevalidan; (2) aktivitas mahasiswa terpenuhi; (3) aktivitas dosen terpenuhi; dan (4) Mahasiswa memberikan respon yang positif terhadap media *e-learning* yang dikembangkan.

Kata Kunci: *ICT, E-Learning, Moodle, Pengembangan.*

**ABSTRACT**

Nirsal. *The Development of ICT Learning Based on E-Learning for Algorithm Course and Constructed Program at Palopo Cokroaminoto University* (supervised by Husain Syam and Abdul Muis Mappalotteng).

The study aimed at examining the procces of development of e-learning media product by using Moodle. This study was develpment research which focused on the development of e-learning media. The development employed on the study referred to Borg and Gall model conducted in several stages (1) research and collecting information, (2) planning, (3) develop a preliminary form of the product, (4) preliminary field testing, (5) product revision play (6) playing field testing, and (7) operational product revision. The e-learning which was develoved had been validated by two experts by having revision so that the result was feasible to used. The tried out was conducted three times, namely one to one and field test which involved three subjects,. The result of the study revealed that was concidered practical because all the aspects in learning was in completely conducted category. The E-learning media was concidered as effective because it had fulfilled effective criteria with requirements : (1) fulfilled requirement of validity, (2) activities of student were fulfilled, (3) activities of lectures, and (4) student gave positive response toward the E-learning which was developed.

Keywords: ICT, Learning, Moodle, Development.