ABSTRAK

Elvira Aprilia: Pengembangan Modul Konstruksi Bangunan Untuk Meningkatkan Hasil Belajar Siswa Kelas XI Program Keahlian Bisnis Konstruksi dan Properti di SMK Negeri 5 Medan. Skripsi. Fakultas Teknik - Universitas Negeri Medan. 2022.

Penelitian ini bertujuan untuk: (1) Untuk Mengetahui proses Pengembangan Modul Berbasis Praktek Konstruksi Bangunan dalam Meningkatkan Hasil Belajar Siswa Kelas XI Program Keahlian Teknik Konstruksi dan Properti; (2) Untuk Mengetahui proses Kelayakan Pengembangan Modul Berbasis Praktek Konstruksi Bangunan dalam Meningkatkan Hasil Belajar Siswa Kelas XI Program Keahlian Teknik Konstruksi dan Properti.

Pengembangan media pembelajaran ini menggunakan metode *Research and Development* model 4D, meliputi tahapan *Define* (definisi), *Design* (perancangan), *Development* (pengembangan), *Implementation* (implementasi), dan *Disseminate* (penyebaran). Instrumen yang digunakan berupa angket penilaian yang bertujuan untuk menguj kelayakan alat Media pembelajaran melalui validasi ahli materi, dan ahli media. Penelitian ini hanya sampai pada tahap *Development* (pengembangan) karena keterbatasan waktu penelitian.

Hasil pengujian kelayakan oleh ahli materi diperoleh skor 78,00% dengan kategori "Layak", hasil pengujian kelayakan oleh ahli media diperoleh skor 90,40% dengan kategori "Sangat Layak", dan hasil pengujian kelayakan oleh ahli materi pengguna yaitu guru diperoleh skor 90,66% dengan kategori "Sangat Layak".

Berdasarkan hasil pengujian tersebut diketahui bahwa media pembelajaran Modul Berbasis Praktek Konstruksi Bangunan layak digunakan pada Siswa Kelas XI Program Keahlian Teknik Konstruksi dan Properti.

Kata Kunci : Modul Berbasis Praktek Konstruksi Bangunan, Teknik Konstruksi dan Properti, Metode *Research and Development* model 4D.

ABSTRAK

Elvira Aprilia: Development of Building Construction Modules to Improve Learning Outcomes of Class XI Students in the Construction and Property Business Skills Program at SMK Negeri 5 Medan. Thesis. Faculty of Engineering - Medan State University. 2022.

This study aims to: (1) To determine the process of Building Construction Practice-Based Module Development in Improving Student Learning Outcomes of Class XI Construction and Property Engineering Expertise Program; (2) To determine the Feasibility process of Building Construction Practice-Based Module Development in Improving Learning Outcomes of Class XI Students of the Construction and Property Engineering Expertise Program.

The development of this learning media uses the Research and Development 4D model, including the stages of Define (definition), Design (design), Development (development), Implementation (implementation), and Disseminate (dissemination). The instrument used is an assessment questionnaire that aims to test the feasibility of learning media tools through the validation of material experts and media experts. This research only reached the development stage due to the limited time of the study.

The results of the feasibility test by material experts obtained a score of 78.00% in the "Eligible" category, the results of the feasibility test by media experts obtained a score of 90.40% in the "Very Eligible" category, and the results of the feasibility test by the user material expert, namely the teacher, obtained a score of 90 ,66% with the category "Very Eligible".

Based on the test results, it is known that the learning media of Building Construction Practice-Based Module is suitable for use in Class XI Students of the Construction and Property Engineering Expertise Program.

Keywords :Building Construction Practice-Based Module, Construction and Property Engineering, Research and Development Method 4D model.