

## ABSTRAK

**Rotua Tinambunan. NIM 5173311014 : Pengembangan Media Pembelajaran Berbasis Video Pada Mata Pelajaran Dasar-Dasar Teknik Konstruksi dan Perumahan Kelas X Program keahlian Bisnis Konstruksi dan Properti Di SMK Negeri 2 Medan. Skripsi. Fakultas Teknik-Universitas Negeri Medan.2023.**

Penelitian ini dirumuskan sebagai berikut:1) Bagaimana proses pengembangan media pembelajaran Dasar Dasar Teknik Konstruksi dan Perumahan berbasis video pada mata pelajaran siswa kelas X SMKN 2 Medan? 2) Bagaimana kelayakan media pembelajaran berbasis Video pada mata pelajaran Dasar-Dasar Teknik Konstruksi dan Perumahan kelas X SMKN 2 Medan?

Media Video ini dikembangkan dengan model pengembangan 4D yang meliputi tahapan *Define, Design, Development, Disseminate* yang dibatasi pada tahap *Development*. Hasil pengembangan melalui 3 komponen yaitu mengumpulkan bahan, mengedit media dan produksi media. Ahli Media menyatakan “sangat layak” dengan presentase rata-rata 92%, Ahli materi I menyatakan “sangat layak” dengan presentase rata-rata 88%, Ahli matri II menyatakan “sangat layak” dengan presentase rata-rata 85%, serta penilaian responden siswa menyatakan “sangat layak” dengan presentase rata-rata 84%. Setelah tahap validasi peneliti merevisi berdasarkan hasil tanggapan para ahli pada angket. Disimpulkan bahwa media pembelajaran berbasis Video “Sangat Layak” digunakan sebagai media pembelajaran berbasis Video pada mata pelajaran Dasar-dasar Teknik Konstruksi dan perumahan Kelas X BKP Di SMKN 2 Medan.

**Kata Kunci : Pengembangan Media, Video Pembelajaran, Metode 4D**



## ***ABSTRACT***

***Rotua Tinambunan. NIM 5173311014 : Development of Video-Based Learning Media on the Basics of Construction and Housing Engineering Class X Construction and Property Business expertise program at SMK Negeri 2 Medan. Thesis. Faculty of Engineering-State University of Medan.2023.***

This research is formulated as follows: 1) How is the process of developing video-based learning media for the Basics of Construction and Housing Engineering in the subjects of grade X students of SMKN 2 Medan? 2) What is the feasibility of Video-based learning media in the Basics of Construction and Housing Engineering class X SMKN 2 Medan?

This Video Media was developed with a 4D development model which includes the stages of Define, Design, Development, Disseminate which are limited to the Development stage. The results of development through 3 components, namely collecting materials, editing media and media production. Media Expert stated "very feasible" with an average percentage of 92%, Material Expert I stated "very feasible" with an average percentage of 88%, Expert Matri II stated "very feasible" with an average percentage of 85%, and student respondents' assessment stated "very feasible" with an average percentage of 84%. After the validation stage, researchers revised based on the results of expert responses to the questionnaire. It was concluded that Video-based learning media "Very Feasible" was used as Video-based learning media in the subjects of Basics of Construction Engineering and housing Class X BKP at SMKN 2 Medan.

***Keywords: Media Development, Video Learning, 4D Method***

