ABSTRAK

Susi Nurhayanti Lumbantoruan, NIM 5171131016 (2021). ***Pengembangan Job Sheet Praktik Dasar Listrik dan Elektronika Siswa Kelas X di SMK Swasta Dwiwarna Medan T.A 2020/2021.***

Penelitian ini bertujuan untuk mengembangkan *job sheet* pada mata pelajaran dasar listrik dan elektronika. Desain dalam penelitian ini adalah *research and development* (R&D) model ADDIE dan dilaksanakan pada bulan Februari – April 2021 di SMK Swasta Dwiwarna Medan dengan subjek peserta didik kelas X program TITL. Penelitian ini hanya dilakukan sampai pada tahap ketiga dikarenakan situasi *covid-19* yang tidak membaik. Tahapan awal penelitian ini adalah analisis kebutuhan, analisis kurikulum dan analisis situasi serta kondisi sekolah. Tahap kedua adalah melakukan perancanaan awal termasuk perancangan RPP, *job sheet*, dan instrumen penelitian. Tahap ketiga adalah memvalidasi produk kepada ahli dan guru serta didapatkan produk akhir. Berdasarkan hasil penilaian ahli materi yang mencakup aspek nilai rata-rata 70,5 dengan presentase 93% (sangat layak). Hasil penelitian diketahui bahwa: (1) Pengembangan Job Sheet sesuai dengan model pengembangan ADDIE Models; dan (2) Berdasarkan hasil penilaian ahli media yang meliputi aspek tampilan, kemudahan penggunaan, konsistensi, format, dan kegrafikan mencapai nilai rata-rata 85 dengan presentase 85% (sangat layak). Dapat disimpulkan bahwa *job sheet* materi dasar listrik dan elektronika dapat digunakan dalam kegiatan belajar mengajar.

Kata kunci: ADDIE, *Job Sheet,* Praktik Dasar Listrik Dan Elektronika

ABSTRACT

Susi Nurhayanti Lumbantoruan, NIM 5171131016 (2021). ***Development of a Job Sheet for Basic Electrical and Electronics Practices for Class X Students at Dwiwarna Private Vocational School in MedanT.A 2020/2021.***

This study aims to develop a job sheet on the basic subjects of electricity and electronics. The design in this study is a research and development (R&D) ADDIE model and was carried out in February - April 2021 at the Dwiwarna Private Vocational School in Medan with the subject of class X students of the TITL program. This research was only carried out until the third stage because the Covid-19 situation was not improving. The initial stages of this research are needs analysis, curriculum analysis and situation analysis and school conditions. The second stage is to carry out initial planning including the design of lesson plans, job sheets, and research instruments. The third stage is validating the product to experts and teachers and getting the final product. The results showed that: (1) Job Sheet development was in accordance with the ADDIE Models development model; and (2) Based on the results of the media expert's assessment covering aspects of appearance, ease of use, consistency, format, and graphics, it reached an average score of 85 with a percentage of 85% (very decent). Based on the results of the material expert assessment which includes aspects of the average value of 70.5 with a percentage of 93% (decent). It can be concluded that the basic electrical and electronic job sheets can be used in teaching and learning activities.

Keywords: ADDIE, Job Sheet, Basic Electrical and Electronics