

## ABSTRAK

### PENGEMBANGAN INSTRUMEN PENILAIAN UNTUK MENGUKUR KETERAMPILAN 3C (*CRITICAL THINKING, COLLABORATION AND COMMUNICATION*) PESERTA DIDIK DENGAN MENGGUNAKAN MEDIA *WORDWALL* MATA PELAJARAN FISIKA SMA

Oleh

WAKHIDATUL MUKAROMAH

Penelitian ini bertujuan untuk menghasilkan produk instrumen penilaian untuk mengukur keterampilan 3C peserta didik dengan menggunakan *wordwall* yang valid, reliabel dan praktis. Jenis penelitian yang digunakan adalah model pengembangan 4-D terdiri atas 4 tahapan, yaitu *define, design, develop, dan disseminate*. Validasi dilakukan kepada dua dosen ahli dan seorang pendidik mata pelajaran fisika untuk menilai aspek evaluasi, materi dan bahasa. Berdasarkan hasil validasi instrumen aspek evaluasi diperoleh rata-rata 90.74, aspek materi sebesar 84.25, dan aspek bahasa sebesar 90.63. Instrumen ini diujicobakan kepada 34 peserta didik kelas XII.3 SMA Negeri 2 Pringsewu dan selanjutnya dianalisis menggunakan *Microsoft excel* yang disesuaikan dengan rumus yang ada. Berdasarkan hasil analisis soal *critical thinking four tier multiple choice* diperoleh 30 butir soal dinyatakan valid, hasil analisis pernyataan *collaboration* diperoleh 15 pernyataan dinyatakan valid, dan hasil analisis pernyataan *communication* diperoleh 8 soal dinyatakan valid. Kemudian instrumen penilaian keterampilan 3C diuji reliabilitas dengan didasarkan pada *Alpha Cronbach* dengan perolehan nilai 0,85 kategori sangat reliabel untuk keterampilan *critical thinking*, nilai 1,03 kategori sangat reliabel untuk keterampilan *collaboration*, dan nilai 1,07 kategori sangat reliabel untuk keterampilan *communication*. Uji kepraktisan produk instrumen penilaian keterampilan 3C aspek keterbacaan memperoleh rata-rata 97 kategori sangat praktis dan aspek keterlaksanaan memperoleh rata-rata nilai 94.3 kategori sangat praktis.

**Kata Kunci:** Instrumen Penilaian, Keterampilan 3C, *Wordwall*

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### **PENGEMBANGAN INSTRUMEN PENILAIAN UNTUK MENGUKUR KETERAMPILAN 3C (*CRITICAL THINKING, COLLABORATION AND COMMUNICATION*) PESERTA DIDIK DENGAN MENGUNAKAN MEDIA *WORDWALL* MATA PELAJARAN FISIKA SMA**

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**WAKHIDATUL MUKAROMAH**

This study aims to produce an assessment instrument product to measure students' 3C skills using a valid, reliable and practical wordwall. The type of research used is a 4-D development model consisting of 4 stages, namely define, design, develop, and disseminate. Validation was carried out on two expert lecturers and a physics subject educator to assess the evaluation, material and language aspects. Based on the results of the validation of the evaluation aspect instrument, an average of 90.74 was obtained, the material aspect was 84.25, and the language aspect was 90.63. This instrument was tested on 34 students of class XII.3 of SMA Negeri 2 Pringsewu and then analyzed using Microsoft Excel which was adjusted to the existing formula. Based on the results of the analysis of critical thinking four tier multiple choice questions, 30 questions were declared valid, the results of the collaboration statement analysis obtained 15 statements were declared valid, and the results of the communication statement analysis obtained 8 questions were declared valid. Then the 3C skill assessment instrument was tested for reliability based on Alpha Cronbach with a value of 0.85 in the very reliable category for critical thinking skills, a value of 1.03 in the very reliable category for collaboration skills, and a value of 1.07 in the very reliable category for communication skills. The practicality test of the 3C skill assessment instrument product for the readability aspect obtained an average of 97 in the very practical category and the implementation aspect obtained an average value of 94.3 in the very practical category.

**Keywords:** Assessment Instrument, 3C Skills, Wordwall