

## **PENGUJIAN WEBSITE HUGS ME MENGUNAKAN METODE STANDAR ISO 9126**

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### **ABSTRAK**

Website yang diuji adalah HUGS ME (Happy Unit Garden School Montessori Education), sebuah buku hubung berbasis website milik Yayasan Sahabat Daun Indonesia – Paud Garden School. Aplikasi ini dapat diakses oleh masyarakat melalui browser di berbagai perangkat. Pengujian menggunakan metode ISO/IEC 9126, standar internasional untuk pengukuran dan evaluasi yang mencakup enam karakteristik *functionality*, *reliability*, *usability*, *efficiency*, *maintainability*, dan *portability*. Alat yang digunakan adalah *WAPT 10.1* untuk pengujian *reliability* dan *GTmetrix* untuk pengujian *efficiency*. Hasil pengujian menunjukkan bahwa website HUGS ME (Happy Unit Garden School Montessori Education) memiliki skor 100% pada *functionality*, 99% pada *reliability*, 89% pada *usability*, 84% pada *efficiency*, 66% pada *maintainability*, dan 100% pada *portability*. Menurut pengguna, *functionality*, *reliability*, *usability*, *efficiency*, dan *portability* dinilai “Sangat Baik,” sementara *maintainability* dinilai “Baik.”

**Kata Kunci :** *Pengujian, HUGS ME, ISO 9126, WAPT 10.1, GTMETRIX*

## TESTING THE HUGS ME WEBSITE USING THE STANDART ISO 9126

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### **ABSTRACT**

*The website tested is HUGS ME (Happy Unit Garden School Montessori Education), a website-based hub book owned by Yayasan Sahabat Daun Indonesia - Paud Garden School. This application can be accessed by the public through browsers on various devices. Testing uses the ISO/IEC 9126 method, an international standard for measurement and evaluation that includes six characteristics of functionality, reliability, usability, efficiency, maintainability, and portability. The tools used are WAPT 10.1 for reliability testing and GTmetrix for efficiency testing. The test results show that the HUGS ME (Happy Unit Garden School Montessori Education) website has a score of 100% on functionality, 99% on reliability, 89% on usability, 84% on efficiency, 66% on maintainability, and 100% on portability. According to users, functionality, reliability, usability, efficiency, and portability were rated "Excellent," while maintainability was rated "Good."*

**Keywords:** Testing, HUGS ME, ISO 9126, WAPT 10.1, GTMETRIX