

PENGUKURAN KUALITAS *WEBSITE* UMKM KABUPATEN BONDOWOSO BERBASIS ISO/IEC 9126 DENGAN PENDEKATAN *MATURITY LEVEL COBIT*

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ABSTRAK

Pengukuran kualitas ini dilakukan untuk mengetahui kualitas *website* UMKM kabupaten Bondowoso berdasarkan 21 sub-atribut ISO/IEC 9126. 21 sub-atribut yang digunakan yaitu *suitability*, *accuracy*, *interoperability*, *security*, *maturity*, *fault tolerance*, *recoverability*, *resource utilization*, *time behavior*, *analyzability*, *stability*, *changeability*, *testability*, *adaptability*, *installability*, *co-existence*, dan *replaceability*. Dari 21 sub-atribut ISO/IEC 9126 kemudian disusun kuesioner dengan mengadopsi pola kuesioner pada COBIT. Pengukuran tingkat kematangan menggunakan kerangka kerja COBIT sesuai tingkat dan levelnya. Penelitian ini menggunakan tiga sudut pandang yaitu diskominfo, end user, dan praktisi TI dengan responden sebanyak 60 orang. Nilai perbandingan antara kondisi saat ini dan kondisi yang diharapkan atau nilai GAP berdasarkan sudut pandang kominfo yaitu 0,8 berdasarkan sudut pandang end user yaitu 1,0 dan berdasarkan sudut pandang praktisi TI yaitu 1,1 untuk mengatasi GAP yang ada maka disusun sebanyak 56 rekomendasi perbaikan. Hasil akurasi keseluruhan dari rekomendasi yang telah disusun yaitu 80%.

Kata Kunci : *website*, ISO/IEC 9126, Kuesioner, COBIT, akurasi.

QUALITY MEASUREMENT OF UMKM WEBSITE BONDOWOSO DISTRICT BASED ISO / IEC 9126 WITH MATURITY LEVEL COBIT APPROACH

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ABSTRACT

This quality measurement is done to find out the quality of UMKM website of Bondowoso Regency based on 21 sub-attributes of ISO / IEC 9126. 21 sub-attributes used are suitability, accuracy, interoperability, security, maturity, fault tolerance, recoverability, resource utilization, time behavior, analyzability, stability, changeability, testability, adaptability, installability, co-existence, and replaceability. Of the 21 sub-attributes ISO / IEC 9126 then compiled a questionnaire by adopting a questionnaire pattern on COBIT. Measurement of maturity level using COBIT framework according to level and level. This research uses three point of view that is diskominfo, end user, and IT practitioner with 60 respondents. The comparison between the current condition and the expected condition or the GAP value based on the point of view of kominfo is 0.8 based on the end user's point of view is 1.0 and based on the IT practitioner's point of view that is 1.1 to overcome the existing GAP there are 56 recommendations repair. Results of the overall accuracy of the recommendations that have been prepared that is 80%.

Keywords: website, ISO / IEC 9126, Questionnaire, COBIT, accuracy.