

ABSTRAK

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Judul : Penerapan Algoritma Jaro-Winkler Distance pada Sistem Screening Nasabah

Prinsip Mengenal Nasabah adalah prinsip yang diterapkan Bank untuk mengetahui profil nasabah. Prinsip mengenal nasabah salah satunya dengan melakukan *screening* terhadap calon nasabah dan nasabah yang sudah ada (*existing*) di bank tersebut. Proses *screening* merupakan proses membandingkan data calon nasabah baru dengan data yang terdapat pada Daftar Terduga Teroris dan Organisasi Teroris (DTTOT), daftar Proliferasi, daftar OFAC. Aplikasi *screening customer* membantu meminimalisir *human error*, meningkatkan akurasi, dan mempercepat proses *screening*. Dalam proses membandingkan data aplikasi menggunakan algoritma *similarity Jaro-Winkler distance*. Algoritma *Jaro-Winkler* dipilih karena cocok untuk membandingkan string pendek seperti nama.

Kata kunci: prinsip mengenal nasabah, *screening* nasabah, algoritma jaro-winkler distance



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The Know Your Customer Principle is the principle that applied by the Bank to find out their customer's profile. One of the ways to do know customers is by screening new customer and existing customers. The screening process is a process of comparing new customer data with data in the List of Daftar Terduga Teroris dan Organisasi Teroris (DTTOT), Proliferation lists, OFAC lists. Screening Customer Applications help to minimize human error, improve accuracy, and speed up the screening process. In the process of comparing data, application using the Jaro-Winkler distance similarity algorithm. The Jaro-Winkler algorithm is chosen because it is suitable for comparing short strings such as name.

Key words: know your customer principle, screening customer, jaro-winkler algorithm



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